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GENERAL CATALOGUE

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MPGAMMA deals with the design and production of stainless steel cabinets and boxes for electrical enclosures from 1997.

The high **know-how** and the constant **training** have allowed the realization of a product of maximum quality, monitoring the different phases of processing and paying particular attention to the quality of each material used.

MPGAMMA products are the result of a perfect balance between **tradition**, **innovation**, **excellence** and **high specialization** of production techniques, responding to the strictest requirements of the different countries in which they are exported.

All the working phases until the shipment of the finished product are precisely studied and verified in our Reggio Emilia headquarter, guaranteeing a 100% **Made in Italy** product, synonymous of care, precision and design.

QUALITY TECHNOLOGY EXPERIENCE



QUALITY SERVICE

- Product customisation, drilling and pre-processing.
- Special products according to design.
- High fl exibility.
- Fast delivery.
- Wide stock availability.
- Direct distribution throughout the country and abroad.
- We can meet any customer requirement.

QUALITY ORGANISATION

- Production in accordance with international UNI EN ISO 9001 standards.
- Total quality process management.
- Qualification of personnel.
- Broad and flexible production programme.
- Fully automated manufacturing systems.
- Cutting-edge production technology.
- Qualifi ed welding personnel in accordance with UNI EN ISO 14732:2013 and UNI EN ISO 9606-1:2013.

QUALITY PRODUCTS

- Stainless steel AISI 304L DIN 1.4307 EN X 2 CrNi 18-09 AISI 316L DIN 1.4404 EN X 2 CrNiMo 17-12-2.
- High-fi nish TIG, MIG, CMT welding.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).
- Accessories entirely made of stainless steel.
- Scratch-proof protection of the sheet metal and protective packaging.
- Compliance with the latest hygiene guidelines in the food industry.











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STEEL FACTOR



COMPACT CABINETS
SLOPED-TOP CABINETS



INTEGRATED COMPACT CABINETS STEEL SOLID DOOR

SCS SERIE

The integrated compact cabinets STEEL with solid door, SCS series, is a benchmark on the market today.

The bases for the design were those to create a better product with a higher performance, if possible the best of its kind, lowering production costs.

This challenge was won with a design that sees the standardisation and interchangeability of the individual pieces that make up our STEEL with other families of items of the MPGamma production.



FEATURES

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- Self-supporting frame 15/10 thick, bent and reinforcedon the supporting points.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door opening a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel, 4 lock points, stainless steel rods.
- Stiffening frame on the inside of the door in strong galvanised carbon STEEL tube, predrilled to DIN 25 mm pitch for fixing accessories.
- Removable rear panel with flush stainless steel countersunk cross slotted screws.
- Removable over top.
- One airtight bottom cable lead flange, removable with a quick coupling system.
- Polyurethane seal with robotised application on all parts that can be opened and removed.

- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Wiring plate in 25/10 thick galvanised sheet sliding in depth with bigger wiring surface, insertion system on slides and quick fix device in the final position.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.
- Eyebolt lifting system (included).
- 1 door version for widths up to 1000 mm.
- 2 doors separate versions with central closing (hinges on the structure), removable centre upright for width 1600 mm.
- 2 door version without centre upright for cabinets W=1200 for easy access at the front; the doors are hinged, one over the other, hence they have an opening priority and the ergonomic handle is only contemplated on the primary door.

AVAILABLE ACCESSORIES



MODELS WITH PARTICULAR FEATURES

- SCS6012040, SCS6016040, SCS8012040 and SCS8014040 models have a back that cannot be removed, being part of the structure, removable wiring plate that does not slide in depth, fixed to the back of the cabinet with electrowelded M8 stud bolts, No. 03 ¼ turn cabinet closing mechanisms made entirely in stainless steel.
- SCS8016040 model with 3 1⁄4 turn cabinet closing mechanisms made entirely in stainless steel.

OPTIONALS UPON REQUEST

- Drilling to drawing on door, top and sides.
- Conductive seals or silicone seals resistant to temperatures of - 50°C to + 120°C.
- Special dimensions.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KITATEX-SCS-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).





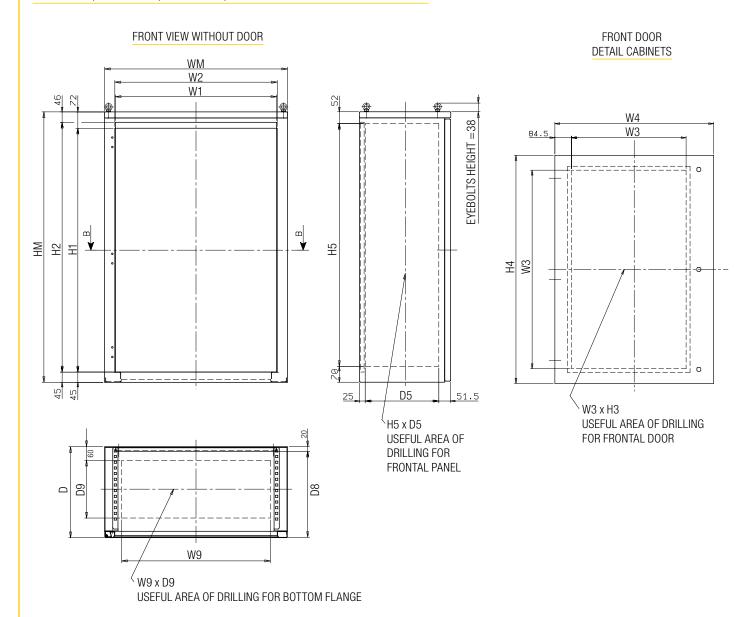






1 DOOR VERSION - SPECIAL MODELS WITH FIXED PANEL

SCS6012040, SCS6016040, SCS8012040, SCS8014040 MODELS TECHNICAL DETAILS



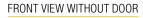
			Nomina nensio		oors No.		ax nsions	Entry dimer	useful nsions	dimei	g plate nsions uded)	(ont do drilling mensio		Front dime	door nsion	Late drill dime	ing	Useful depth for plate and door	Dril dimens bottom	sion for
С	ode Art.	W	Н	D	Doc	WM	НМ	W1	H1	W2	H2	W3	Н3	W6	W4	H4	H5	D5	D8	W9	D9
SCS	6012040*	600	1200	400	1	605	1191	515	1074	510	1100	380	1005	Χ	604	1154	1069	324	380	455	254
SCS	6016040*	600	1600	400	1	605	1591	515	1474	510	1500	380	1405	Χ	604	1554	1469	324	380	455	254
SCS	8012040*	800	1200	400	1	805	1191	715	1074	710	1100	580	1005	Χ	804	1154	1069	324	380	655	254
SCS	8014040*	800	1400	400	1	805	1391	715	1274	710	1300	580	1205	Χ	804	1354	1269	324	380	655	254

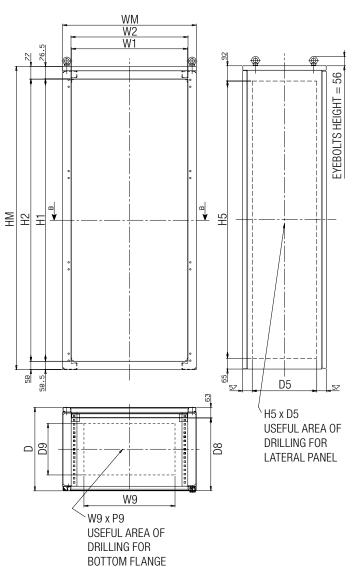
 $[\]ensuremath{^{\star}}\xspace$ Version with fixed panel and wiring plate that does not slide in depth



1 DOOR VERSION

FRONT DOOR





SCS10018050 1000 1800 500

1000 2000 500

SCS10020050

84.5 580

USEFUL AREA OF DRILLING FOR

FRONTAL DOOR

1002 1790 1670 390

1002 1990 1870 390

435

435

765

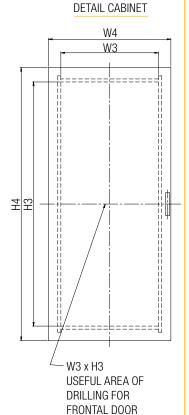
765

310

310

FRONT DOOR DETAIL

CABINET SCS8016040



	Nominal Dimensions			Doors No.	Max dimensions		Entry useful dimensions		Wiring plate dimensions included		Front door drilling dimensions		Front		Late drill dimer	ing	Useful depth for plate and door	dimens	lling sion for flange	
Code Art.	W	Н	D	DOC	WM	НМ	W1	H1	W2	H2	W3	Н3	W6	W4	H4	H5	D5	D8	W9	D9
SCS6018040	600	1800	400	1	605	1827	504	1700	500	1700	440	1600	Χ	602	1790	1670	290	335	365	210
SCS8016040	800	1600	400	1	805	1627	504	1500	700	1500	580	1405	Χ	802	1590	1470	290	335	565	210
SCS8018040	800	1800	400	1	805	1827	704	1700	700	1700	640	1600	Χ	802	1790	1670	290	335	565	210
SCS8018050	800	1800	500	1	805	1827	704	1700	700	1700	640	1600	Χ	802	1790	1670	390	435	565	310
SCS8020040	800	2000	400	1	805	2027	704	1900	700	1900	640	1800	Χ	802	1990	1870	290	335	565	210
SCS8020050	800	2000	500	1	805	2027	704	1900	700	1900	640	1800	Χ	802	1990	1870	390	435	565	310
SCS10018040	1000	1800	400	1	1005	1827	904	1700	900	1700	840	1600	Χ	1002	1790	1670	290	335	765	210

1 1005 1827 904 1700 900 1700 840 1600 X

1 1005 2027 904 1900 900 1900 840 1800 X

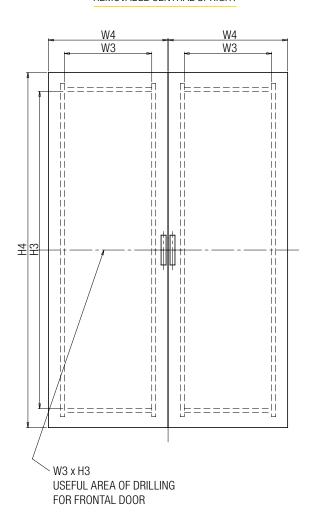


2 DOORS VERSION

DOORS ARE HINGED DETAIL WITH OPENING CABINETS WITHOUT CENTRE UPRIGHT

W4 W4 W3 W6 81 H 무 iii 111 1311 1311 II II Hi H H ======! =====1 W6 x H3 W3 x H3 USEFUL AREA OF USEFUL AREA OF DRILLING FOR DRILLING FOR FIRST DOOR SECOND DOOR

DOORS CABINETS DETAIL WITH REMOVABLE CENTRAL UPRIGHT

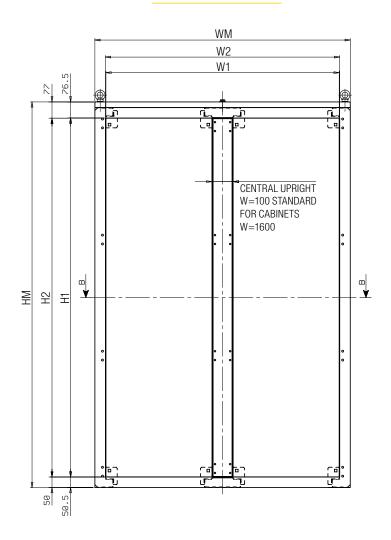


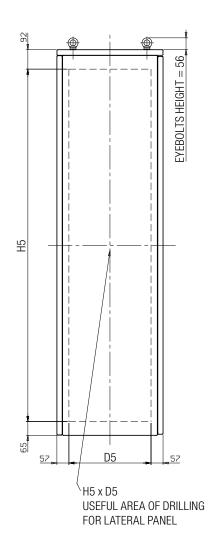
		omina nensio		or No.	M: dimer		Entry	useful isions	Wiring dimer inclu	isions	(ont do drilling nensio	1		door	Late drill dimen	ing	Useful depth for plate and door	Drill dimens bottom	sion for
Code Art.	W	Н	D	Door	WM	НМ	W1	H1	W2	H2	W3	Н3	W6	W4	H4	Н5	D5	D8	W9	D9
SCS12018040_SM	1200	1800	400	***2 SM	1210	1827	1109	1700	1105	1700	440	1600	410	599	1790	1670	290	335	365	210
SCS12018050_SM	1200	1800	500	***2 SM	1210	1827	1109	1700	1105	1700	440	1600	410	599	1790	1670	390	435	365	310
SCS12020050_SM	1200	2000	500	***2 SM	1210	2027	1109	1900	1105	1900	440	1800	410	599	1990	1870	390	435	365	310
SCS16018040	1600	1800	400	**2 CM	1610	1827	1509	1700	1505	1700	640	1600	Χ	802	1790	1670	290	335	565	210
SCS16018050	1600	1800	500	**2 CM	1610	1827	1509	1700	1505	1700	640	1600	Χ	802	1790	1670	390	435	565	310
SCS16020050	1600	2000	500	**2 CM	1610	2027	1509	1900	1505	1900	640	1800	Χ	802	1990	1870	390	435	565	310

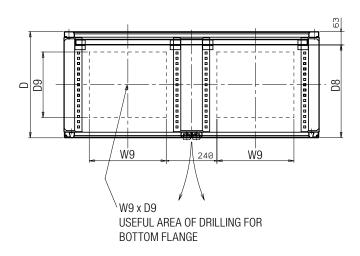
^{**2} CM = 2 doors separate with removable centre upright

^{***2} SM = 2 doors are hinged without centre upright

FRONT VIEW WITHOUT DOOR









INTEGRATED COMPACT CABINETS STEEL TRANSPARENT DOOR

SLS SERIE

The integrated compact cabinets STEEL with transparent door, SLS series, is a benchmark on the market today.

The bases for the design were those to create a better product with a higher performance, if possible the best of its kind, lowering production costs.

This challenge was won with a design that sees the standardisation and interchangeability of the individual pieces that make up our STEEL with other families of items of the MPGamma production.



FEATURES

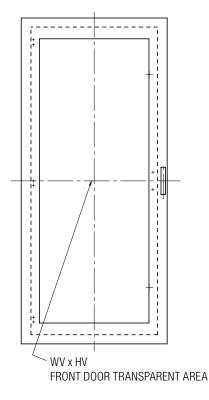
- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- Self-supporting frame 15/10 thick, bent and reinforced on the supporting points.
- · Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door with a strong transparent panel in shock-resistant LEXAN fixed with an adhesive seal and a mechanical locking profile to guarantee duration over time and in all conditions of use. Doors open a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel, 4 lock points, stainless steel rods.
- Stiffening frame on the inside of the door in strong galvanised carbon STEEL tube, predrilled to DIN 25 mm pitch for fixing accessories.
- Removable rear panel with flush stainless steel countersunk cross slotted screws.
- Removable over top.

- One airtight bottom cable lead flange, removable with a quick coupling system.
- Polyurethane seal with robotised application on all parts that can be opened and removed.
- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Wiring plate in 25/10 thick galvanised sheet sliding in depth with bigger wiring surface, insertion system on slides and quick fix device in the final position.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.
- Eyebolt lifting system (included).
- 1 door version for widths up to 1000 mm.
- 2 door separate versions with central closing (hinges on the structure), removable centre upright for widths 1200 mm and 1600 mm.

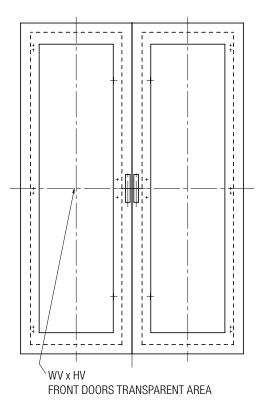


AVAILABLE ACCESSORIES

FRONT DOOR DETAIL TRANSPARENT AREA



FRONT DOORS DETAIL TRANSPARENT AREA



OPTIONALS UPON REQUEST

- Drilling to drawing on door, top and sides.
- Conductive seals or silicone seals resistant to temperatures of -50°C to $+120^{\circ}\text{C}$.
- Special dimensions.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX-SLS-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).





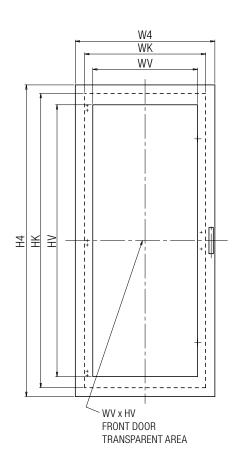


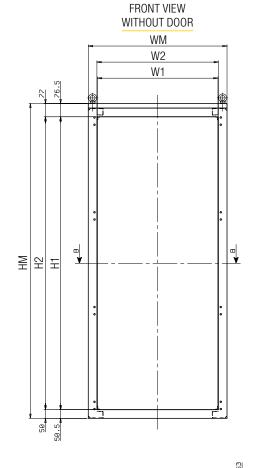


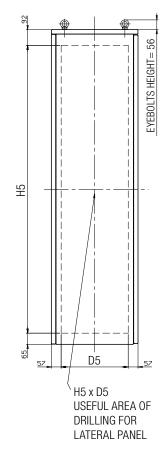


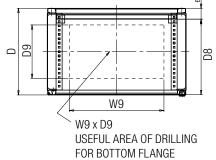
1 DOOR VERSION

FRONT DOOR DETAIL TRANSPARENT AREA AND INTERNAL DOOR DIMENSIONS









		Nomin imensi		or No.		lax nsions		oarent oor nsions		door nsions	US	tery eful nsions	dimei	g plate nsions uded	Front dimer	door	Late drill dimen	eral ing isions	Useful depth for plate and door	Dril dimens bottom	
Code Art	. W	Н	D	Dool	WM	НМ	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D8	W9	D9
SLS60180	40 600	1800	400	1	605	1827	400	1560	495	1690	504	1700	500	1700	602	1790	1670	290	335	365	210
SLS80180	40 800	1800	400	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1670	290	335	565	210
SLS80180	50 800	1800	500	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1670	390	435	565	310
SLS80200	50 800	2000	500	1	805	2027	600	1760	695	1890	704	1900	700	1900	802	1990	1870	390	435	565	310



2 DOOR VERSION FRONT DOORS DETAIL TRANSPARENT FRONT VIEW AREA AND DIMENSIONS INTERNAL DOORS WITHOUT DOOR WM W4 W4 W2 WK WK W1 [76.5 WV WV EYEBOLTS HEIGHT = 56 100 ш **У** m ¥ 윈도 H2 됩 된 된 DISTANCE BETWEEN EXTERNAL AND INTERNAL DOOR = 76 P5 $WV \times HV$ FRONT DOOR TRANSPARENT AREA H5 x D5 USEFUL AREA OF DRILLING FOR LATERAL 0000000000000000 PANEL D9 D8 ₩9 W9 W9 x D9 INTERNAL DOORS USEFUL AREA OF DRILLING **DETAIL SECTION PLANT** FOR BOTTOM FLANGE

		omina nensio		Door No.	M dimer	ax nsions		parent por nsions	Inner dimer	door nsions	Ent use dimer	ery eful nsions	Wiring dimer inclu	plate nsions uded	Front dime	door	Late drill dimen	eral ing isions	Useful depth for plate and door	Dril dime for bo flar	ottom
Code Art.	W	Н	D	Õ	WM	НМ	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D8	W9	D9
SLS12018050	1200	1800	500	**2 CM	1210	1827	400	1560	495	1690	1209	1700	1105	1700	602	1790	1670	390	435	365	310
SLS12020050	1200	2000	500	**2 CM	1210	2027	400	1760	495	1890	1209	1900	1105	1900	602	1990	1870	390	435	365	310
SLS16018050	1600	1800	500	**2 CM	1610	1827	600	1560	695	1690	1609	1700	1505	1700	802	1790	1670	390	435	565	310
SLS16020050	1600	2000	500	**2 CM	1610	2027	600	1760	695	1890	1609	1900	1505	1900	802	1990	1870	390	435	565	310

^{**2} CM = 2 doors separate with removable centre upright



SLOPED-TOP CABINETS LC - LD - LE SERIES

The airtight MPGamma sloped-top cabinets in AISI 304L stainless steel (Wnr 1.4307) with external finish in medium Scotch-brite type FINE SATIN, represent an important alternative to the traditional enclosure systems for electrical installations.

Thanks to their geometrical shape, one or two average sized wiring plates, one or two openable slanting shelves (for housing a push button panel, a PC and an operator panel) and a supporting plinth can be housed all in the one structure that stands on the floor.



OPTIONALS UPON REQUEST

- Drilling to drawing on door, top and sides.
- Silicone seals resistant to temperatures of -50°C to +120°C.
- Special dimensions.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.

CERTIFICATIONS

- IP66 protection level (IP55 for sloped-top with 2 doors without upright).
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).









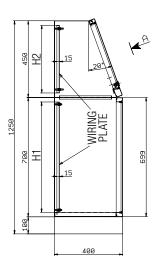


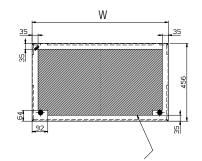
AVAILABLE ACCESSORIES

FEATURES

"LC" SERIE

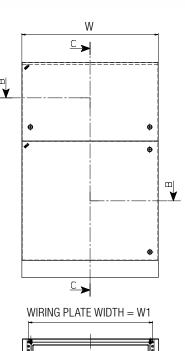
- Self-supporting frame consisting of 2 parts (top and bottom) screwed together.
- No. 01 slanting openable shelf at the top with hinges from the bottom upwards with gas springs or supporting rods.
- No. 01 bottom reversible door (2 without centre upright for width 1200) with hinge, opening 120°.
- No. 02 wiring plates in hot-galvanised sheet fixed internally to the back with stainless steel threaded stud bolts.
- No. 01 airtight cable lead plate on the bottom between the slopedtop body and plinth (2 for width 1200).
- No. 01 demountable plinth H=100 mm (replaceable with other types of plinth).
- Earthing stud bolts on all removable parts in accordance with existing standards.
- Polyurethane seal or EPDM.





AVAILABLE DRILLING SPACE ON THE UPPER DOOR







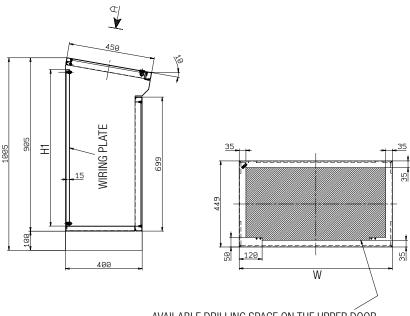
		Nominal Dimensions	i		Wiring p	olate dimensions (i	ncluded)
Code Art.	W	H (with plinth)	D	No. doors upper + lower	W1	H1	H2
LC 8012540	800	1250	400	1+1	727	647	400
LC 10012540	1000	1250	400	1+1	927	647	400
LC 12012540	1200	1250	400	1+2	1080	600	400



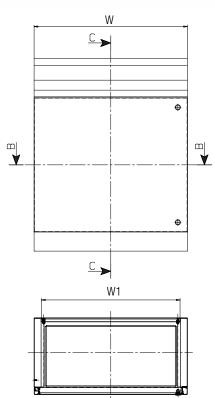
LC - LD - LE SERIES

"LD" SERIE

- The self-supporting frame is made out of a single metal sheet.
- No. 01 slanting openable shelf at the top with hinges from the bottom upwards with gas springs or supporting rods.
- No. 01 bottom reversible door (2 without centre upright for width 1200) with hinge, opening 120°.
- No. 01 wiring plate in hot-galvanised sheet fixed internally to the back with stainless steel threaded stud bolts.
- No. 01 airtight cable lead plate on the bottom between the slopedtop body and plinth (2 for width 1200).
- No. 01 demountable plinth H=100 mm (replaceable with other types of plinth).
- Earthing stud bolts on all removable parts in accordance with existing standards.
- Polyurethane seal or EPDM.







AVAILABLE DRILLING SPACE ON THE UPPER DOOR

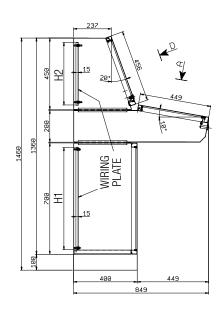
		Nominal dimensions			Wiring plate dimensions (included)				
Code Art.	W	H (with plinth)	D	No. doors upper + lower	W1	H1			
LD 6010040	600	1000	400	1+1	427	817			
LD 8010040	800	1000	400	1+1	727	817			
LD 10010040	1000	1000	400	1+1	881	751			
LD 12010040	1200	1000	400	1+2	1086	751			

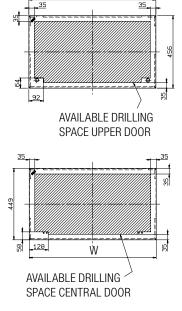


AVAILABLE ACCESSORIES

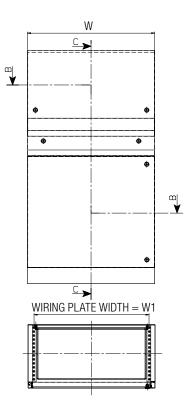
"LE" SERIE

- Self-supporting frame consisting of 3 parts (top, middle and bottom) screwed together.
- No. 01 slanting openable shelf at the top with hinges from the bottom upwards with gas springs or supporting rods.
- No. 01 slanting openable shelf in the middle with hinges from the bottom upwards with gas springs or supporting rods.
- No. 01 bottom reversible door (2 without centre upright for width 1200) with hinge, opening 120°.
- No. 02 wiring plates in hot-galvanised sheet fixed internally to the back with stainless steel threaded stud bolts.
- No. 01 airtight cable lead plate on the bottom between the sloped-top body and plinth (2 for width 1200).
- No. 01 demountable plinth H=100 mm (replaceable with other types of plinth).
- Earthing stud bolts on all removable parts in accordance with existing standards.
- Polyurethane seal or EPDM.









		Nominal dimensions			Wiring p	plate dimensions (ir	ncluded)
Code Art.	W	H (with plinth)	D	No. doors upper + lower	W1	H1	H2
LE 8014540	800	1450	400	1+1+1	727	647	400
LE 10014540	1000	1450	400	1+1+1	927	647	400
LE 12014540	1200	1450	400	1+1+2	1080	600	400



LIFTING PLINTHS









Lifting plinths made in AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish, available in heights 100 and 200 mm.

Inspectionable on all sides with removable flanges and designed for the mounting of adjustable lifting feet (art. SAC008; SAC008_160; CLEAN_ SAC008; CLEAN_SAC008/160).

DEMOUNTABLE PLINTHS

Open at the bottom, they can be fitted with a bottom closing flange. They are supplied preassembled or in an assembly kit.



Code H=100	Code H=200	Dimension
SZ10C6040	SZ20C6040	600x400
SZ10C8040	SZ20C8040	800x400
SZ10C10040	SZ20C10040	1000x400
SZ10C12040	SZ20C12040	1200x400
SZ10C16040	SZ20C16040	1600x400
SZ10C6050	SZ20C6050	600x500
SZ10C8050	SZ20C8050	800x500
SZ10C10050	SZ20C10050	1000x500
SZ10C12050	SZ20C12050	1200x500
SZ10C16050	SZ20C16050	1600x500

Code H=100	Code H=200	Dimension
SZ10C6060	SZ20C6060	600x600
SZ10C8060	SZ20C8060	800x600
SZ10C10060	SZ20C10060	1000x600
SZ10C12060	SZ20C12060	1200x600
SZ10C16060	SZ20C16060	1600x600
SZ10C6080	SZ20C6080	600x800
SZ10C8080	SZ20C8080	800x800
SZ10C10080	SZ20C10080	1000x800
SZ10C12080	SZ20C12080	1200x800
SZ10C16080	SZ20C16080	1600x800



SANITISATION PLINTHS

Closed at the bottom by a closing flange that guarantees a minimum protection level of IP20 and supports the cables leading inside. They are supplied preassembled or in an assembly kit.



Code H=100	Code H=200	Dimension
SZ10S6040	SZ20S6040	600x400
SZ10S8040	SZ20S8040	800x400
SZ10S10040	SZ20S10040	1000x400
SZ10S12040	SZ20S12040	1200x400
SZ10S16040	SZ20S16040	1600x400
SZ10S6050	SZ20S6050	600x500
SZ10S8050	SZ20S8050	800x500
SZ10S10050	SZ20S10050	1000x500
SZ10S12050	SZ20S12050	1200x500
SZ10S16050	SZ20S16050	1600x500

Code H=100	Code H=200	Dimension
SZ10S6060	SZ20S6060	600x600
SZ10S8060	SZ20S8060	800x600
SZ10S10060	SZ20S10060	1000x600
SZ10S12060	SZ20S12060	1200x600
SZ10S16060	SZ20S16060	1600x600
SZ10S6080	SZ20S6080	600x800
SZ10S8080	SZ20S8080	800x800
SZ10S10080	SZ20S10080	1000x800
SZ10S12080	SZ20S12080	1200x800
SZ10S16080	SZ20S16080	1600x800



BAYONET CABLE INLET FLANGE WITH RUBBER CABLE LEAD SUBSTITUTING THE STANDARD AIRTIGHT/WATERTIGHT CABLE LEAD PLATE ON THE BOTTOM OF CABINETS/SLOPED-TOP CABINETS







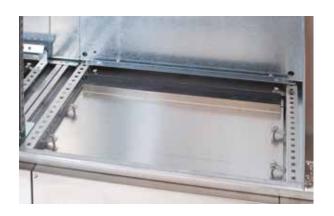




Made in AISI 304L (Wnr 1.4307) stainless steel to use as a substitution for the standard airtight flange when there are no particular airtightness requirements in this area.

It consists of 2 elements, thanks to a system of seals and to the possibility of adjusting it is so much easier to insert the cables from under the cabinet.

The version for cabinets with door at the front and back is available for the 800 depth.



Code	Description	Dimension
SAC001/6040S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=600 D=400
SAC001/6050S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=600 D=500
SAC001/6060S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=600 D=600
SAC001/8040S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=400
SAC001/8050S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=500
SAC001/8060S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=600
SAC001/8080S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=800
SAC001/10040S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=1000 D=400
SAC001/10050S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=1000 D=500
SAC001/10060S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=1000 D=600
SAC001/8080FRS	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=800 FRONT/BACK

SWIVEL WHEELS KIT





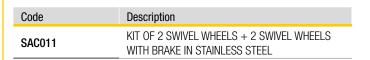






Kit consisting of 2 swivel wheels and 2 swivel wheels with brakes and AISI 304L (Wnr 1.4307) stainless steel support and rubber tread. To use under all cabinets with or without a plinth.

To assemble it might be necessary to make some holes or fix some electrowelded stud bolts; preparation for this can be requested and done in the factory.







LIFTING FEET KIT











LEVELLING FEETS KIT (MOUNTING UNDER FEET)

Adjustable from 50 to 150 mm from the floor. Kit consisting of:

- 4/6 adjustable feet with 20M rod in AISI 304L stainless steel (see table).
- Jointed plate in polyamide that can be anchored to the floor.
- 20M snap-on support in polyamide with female thread that snaps into place under any plinth.
- · Screws for mounting.



Code	Feets No.	Characteristics
SAC008	4	kit for cabinets L<1600
SAC008_160	6	kit for cabinets L≥1600

HYGIENIC FEETS KIT (MOUNTING UNDER FEET)

They are used in environments where the need for cleanliness and sanitisation is greater, adjustable from 130 to 150 mm from the floor. Kit consisting of:

- 4/6 telescopic feet made entirely in AISI 304L stainless steel with no visible thread (see table).
- Jointed plate in polyamide that can be anchored to the floor.
- 10M snap-on support in polyamide with female thread that snaps into place under any plinth.
- Screws for mounting.



Code	Feets No.	Characteristics
CLEAN_SAC008	4	kit for cabinets L<1600
CLEAN_SAC008/160	6	kit for cabinets L≥1600

HYGIENIC FEET KIT (MOUNTING WITHOUT FEET)

They are used in environments where the need for cleanliness and sanitisation is greater. They can be mounted directly under the cabinet without a plinth, adjustable from 130 to 180 mm from the floor.

To assemble it might be necessary to make some holes or fix some electrowelded stud bolts; preparation for this can be requested and done in the factory. Kit consisting of:

- 4/6 telescopic feet made entirely in AISI 304L stainless steel with no visible thread (see table).
- System of fixing under cabinet with screws.
- · Screws for mounting.



Code	Feets No.	Characteristics
CLEAN_SAC034	4	kit for cabinets L<1600
CLEAN_SAC034/160	6	kit for cabinets L≥1600



CABLE COMPARTMENT H=200 ON TOP





Housing compartment H=200~mm in AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish, inspectionable on all sides, closed with a flange at the top with IP20 protection level.

It can be used as an enclosure for cables or distribution bars or simply as a cover for devices mounted on the top.

It has a system that allows the cabinet to be lifted on eyebolts located above the compartment.

It is supplied in an assembly kit or pre-assembled on request.



Code	Description
STVP06040	STEEL TOP COMPARTMENT H=200 CABLE INLET
	DIMENSIONS 600x400
STVP08040	STEEL TOP COMPARTMENT H=200 CABLE INLET
011100040	DIMENSIONS 800x400
STVP10040	STEEL TOP COMPARTMENT H=200 CABLE INLET
311/10040	DIMENSIONS 1000x400
STVP12040	STEEL TOP COMPARTMENT H=200 CABLE INLET
311712040	DIMENSIONS 1200x400
STVP16040	STEEL TOP COMPARTMENT H=200 CABLE INLET
317710040	DIMENSIONS 1600x400
STVP06050	STEEL TOP COMPARTMENT H=200 CABLE INLET
317700000	DIMENSIONS 600x500
STVP08050	STEEL TOP COMPARTMENT H=200 CABLE INLET
314400000	DIMENSIONS 800x500
STVP10050	STEEL TOP COMPARTMENT H=200 CABLE INLET
317710000	DIMENSIONS 1000x500
CTVD120E0	STEEL TOP COMPARTMENT H=200 CABLE INLET
STVP12050	DIMENSIONS 1200x500
CTVD1C0E0	STEEL TOP COMPARTMENT H=200 CABLE INLET
STVP16050	DIMENSIONS 1600x500

Code	Description
STVP06060	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 600x600
STVP08060	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 800x600
STVP10060	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1000x600
STVP12060	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1200x600
STVP16060	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1600x600
STVP06080	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 600x800
STVP08080	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 800x800
STVP10080	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1000x800
STVP12080	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1200x800
STVP16080	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1600x800



SANITARY RAIN ROOF





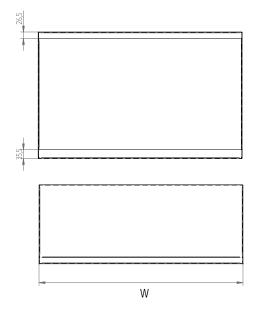
Roofs made in AISI 304L (Wnr 1.4307) stainless steel satin finish Scotch-Brite type. They are used to protect cabinets exposed to frequent washing or in areas that require frequent cleaning. In this way the seals are protected from aging and reduce the chances of dirt. It inclined at 30° towards the front and prevents objects to be placed upon. They are not applicable for the cabinets with depth 800 mm. They are suitable for EMP and EML series modular cabinets.

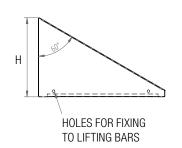
They are supplied in assembly kit with the corresponding template for drilling on site or pre-assembled on request.



Codice	Descrizione
TTPN4040H	RAIN ROOF FOR MODULES W=400 H=400
TTPN4050H	RAIN ROOF FOR MODULES W=400 H=500
TTPN4060H	RAIN ROOF FOR MODULES W=400 H=600
TTPN6040H	RAIN ROOF FOR MODULES W=600 H=400
TTPN6050H	RAIN ROOF FOR MODULES W=600 H=500
TTPN6060H	RAIN ROOF FOR MODULES W=600 H=600
TTPN8040H	RAIN ROOF FOR MODULES W=800 H=400
TTPN8050H	RAIN ROOF FOR MODULES W=800 H=500
TTPN8060H	RAIN ROOF FOR MODULES W=800 H=600

Codice	Descrizione
TTPN10040H	RAIN ROOF FOR MODULES W=1000 H=400
TTPN10050H	RAIN ROOF FOR MODULES W=1000 H=500
TTPN10060H	RAIN ROOF FOR MODULES W=1000 H=600
TTPN12040H	RAIN ROOF FOR MODULES W=1200 H=400
TTPN12050H	RAIN ROOF FOR MODULES W=1200 H=500
TTPN12060H	RAIN ROOF FOR MODULES W=1200 H=600
TTPN16040H	RAIN ROOF FOR MODULES W=1600 H=400
TTPN16050H	RAIN ROOF FOR MODULES W=1600 H=500
TTPN16060H	RAIN ROOF FOR MODULES W=1600 H=600







INNER DOOR KIT FOR CABINETS



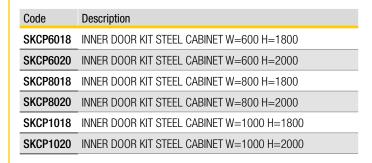


Hinged interior door made in AISI 304L (Wnr 1.4307) stainless steel Scotch-brite fine satin finish.

They are fixed internally 75 mm from the external door (other fixing depths on request); guarantees an IP20 protection level thanks to the closing frame supplied with it.

There are $2\,\%$ turn locks with double wing insert; for cabinets with 1 door, opening can be reversed while for those with 2 doors (with centre upright) the hinges are on the sides of the cabinets and they closed towards the centre.

Supplied in an assembly kit or preassembled. Drillings to drawing can be requested. The maximum recommended weight to apply on the door is 35 kg.





Code	Description
SKCP1218	INNER DOOR KIT STEEL CABINET W=1200 H=1800 ASSEMBLY ON VERSION WITH CENTRE UPRIGHT
SKCP1220	INNER DOOR KIT STEEL CABINET W=1200 H=2000 ASSEMBLY ON VERSION WITH CENTRE UPRIGHT
SKCP1618	INNER DOOR KIT STEEL CABINET W=1600 H=1800 ASSEMBLY ON VERSION WITH CENTRE UPRIGHT
SKCP1620	INNER DOOR KIT STEEL CABINET W=1600 H=2000 ASSEMBLY ON VERSION WITH CENTRE UPRIGHT

PRIORITY OPENING KIT





Accessory designed so that opening priority can be given between 2 doors with adjacent closing.

To use in cabinets to 2 doors with centre upright.

Supplied in an assembly kit or pre-assembled on request.

Code	Description
SAC068	PRIORITY OPENING KIT FOR DOORS





PC HOLDER SHELF KIT FOR THE INSIDE OF THE DOOR





Shelf kit for the inside of the door to support a portable PC to be used for cabinets with doors having a width of 600 mm and 800 mm.

The kit includes the tip-up and relevant supports with compass guides.

The positioning can be adjusted in height on the reinforcement of the inside of the door.

They cannot be mounted on the cabinets W=1200 mm without upright on the main door.

They cannot be mounted on the cabinets with height lower than 1800 mm

Supplied in an assembly kit or pre-assembled (on request).

Code	Description	
SAC058/600	PC HOLDER TIP-UP KIT FOR THE INSIDE OF THE STEEL DOOR W=600	
SAC058/800	PC HOLDER TIP-UP KIT FOR THE INSIDE OF THE STEEL DOOR W=800	



OPEN DOOR LOCKING DEVICE











Device that keeps the doors open, avoiding accidental closing. It can be supplied in an assembly kit or pre-assembled upon request.

Assembly on site might require holes or the application of electrowelded studs.







OVERDOOR IN TRANSPARENT LEXAN









Transparent doors made of AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish.

They are used for protecting with an IP66 protection level drillings or instruments.

The transparent shock-resistant Lexan panel lets you see the devices mounted under overdoor.

Overdoor opening is reversible and it cab be 90° or 180° , depending on the application.

It is supplied in an assembly kit with template for drilling on site or preassembled on request.

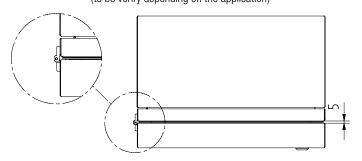
They can be mounted on any product with a big enough surface in order to ensure the fixing (to be verify with the technical department).



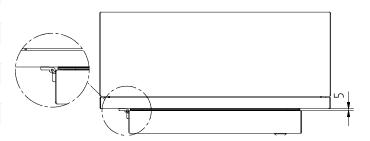
Code	Description	Point of closure No.
SVPN30306U	OVERDOOR W=300 H=300 D=60	1
SVPN30386U	OVERDOOR W=300 H=380 D=60	1
SVPN30456U	OVERDOOR W=300 H=450 D=60	2
SVPN38306U	OVERDOOR W=380 H=300 D=60	1
SVPN38386U	OVERDOOR W=380 H=380 D=60	1
SVPN38606U	OVERDOOR W=380 H=600 D=60	2
SVPN40506U	OVERDOOR W=400 H=500 D=60	2
SVPN45306U	OVERDOOR W=450 H=300 D=60	1
SVPN45456U	OVERDOOR W=450 H=450 D=60	2
SVPN45606U	OVERDOOR W=450 H=600 D=60	2
SVPN50706U	OVERDOOR W=500 H=700 D=60	2
SVPN60386U	OVERDOOR W=600 H=380 D=60	2
SVPN60456U	OVERDOOR W=600 H=450 D=60	2
SVPN60606U	OVERDOOR W=600 H=600 D=60	2
SVPN60756U	OVERDOOR W=600 H=750 D=60	2
SVPN60906U***	OVERDOOR W=600 H=900 D=60	2
SVPN601206U***	OVERDOOR W=600 H=1200 D=60	2
SVPN75756U***	OVERDOOR W=750 H=750 D=60	2
SVPN751006U***	OVERDOOR W=750 H=1000 D=60	2
SVPN801206U***	OVERDOOR W=800 H=1200 D=60	2
SVPN90606U***	OVERDOOR W=900 H=600 D=60	2

1. Front view models ***

HINGES MOUNTING WITH 180° PROTECTION WINDOW OPENING (to be verify depending on the application)

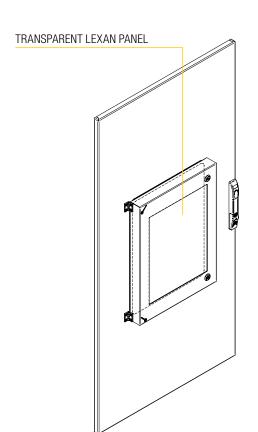


HINGES MOUNTING WITH 90° PROTECTION WINDOW OPENING





VERSION WITH 1 CLOSING POINT

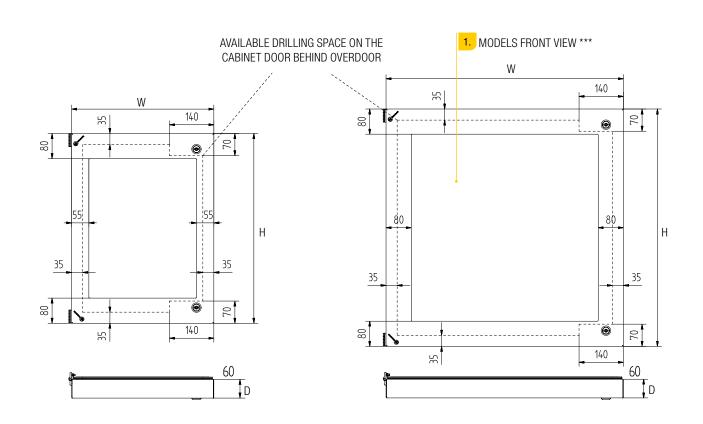


W SO SO SO SO SO SO SO AVAILABLE DRILLING SPACE ON THE CABINET DOOR BEHIND

VERSION WITH 2 CLOSING POINTS

T_D

OVERDOOR





BRACKETS TO SUPPORT THE CEILING LIGHT FIXTURE





Brackets in galvanised sheet predrilled and set for mounting ceiling fixtures or other lighting devices inside the cabinet at the top in the front.

Supplied in an assembly kit.

They cannot be mounted in standard cabinets art. SCS6012040, SCS6016040, SCS8012040, SCS8014040.



Code	Description
SAC042/600	CEILING LIGHT FIXTURE SUPPORT BRACKET STEEL W=600
SAC042/800	CEILING LIGHT FIXTURE SUPPORT BRACKET STEEL W=800
SAC042/1000	CEILING LIGHT FIXTURE SUPPORT BRACKET STEEL W=1000

ANCHORING BRACKETS FOR INCOMING CABLES THROUGH THE BOTTOM FLANGE





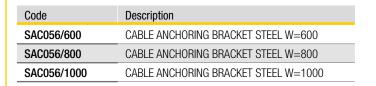
Galvanised sheet brackets predrilled and set for fixing incoming cables from the bottom through the bottom cable lead flange.

They allow cables to be rationally and tidily laid leading to the wiring plate.

Adjustable positioning.

They cannot be mounted in standard cabinets art. SCS6012040, SCS6016040, SCS8012040, SCS8014040.

Supplied in an assembly kit.







CABLE RACEWAY SUPPORTING BRACKETS ON THE DOOR



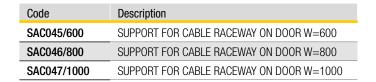


Brackets in galvanised sheet predrilled and set for mounting a cable raceway or other devices inside the door.

It is fixed with the bolts and screws supplied in the holes on the stiffening tube inside the door.

They cannot be mounted on the door with priority opening in cabinets W=1200 in the version without an upright and in standard cabinets under 1800 mm in height.

Supplied in an assembly kit.





SUPPORTING BRACKETS FOR HEAVY ELEMENTS IN THE BOTTOM





Very strong brackets in galvanised sheet predrilled and set for mounting heavy elements on the inside base of the cabinet.

They are fixed horizontally with the bolts and screws supplied, in the holes of the internal reinforcements, predrilled in depth on the cabinet frame.

They cannot be mounted in standard cabinets art. SCS6012040, SCS6016040, SCS8012040, SCS8014040.

Supplied in an assembly kit.

Code	Description
SAC053/600	HEAVY ELEMENT SUPPORTING BRACKET STEEL W=600
SAC053/800	HEAVY ELEMENT SUPPORTING BRACKET STEEL W=800
SAC053/1000	HEAVY ELEMENT SUPPORTING BRACKET STEEL W=1000





WIRING PLATE SPARE PART





They are to be considered a spare part because all cabinets have a wiring



Code	Description
PDF060120	WIRING PLATE STEEL CABINETS W=600 H=1200
PDF060140	WIRING PLATE STEEL CABINETS W=600 H=1400
PDF060160	WIRING PLATE STEEL CABINETS W=600 H=1600
SPF060180	WIRING PLATE STEEL CABINETS W=600 H=1800
SPF060200	WIRING PLATE STEEL CABINETS W=600 H=2000
PDF080120	WIRING PLATE STEEL CABINETS W=800 H=1200
PDF080140	WIRING PLATE STEEL CABINETS W=800 H=1400
SPF080160	WIRING PLATE STEEL CABINETS W=800 H=1600

Code	Description
SPF080180	WIRING PLATE STEEL CABINETS W=800 H=1800
SPF080200	WIRING PLATE STEEL CABINETS W=800 H=2000
SPF100180	WIRING PLATE STEEL CABINETS W=1000 H=1800
SPF100200	WIRING PLATE STEEL CABINETS W=1000 H=2000
SPF120180	WIRING PLATE STEEL CABINETS W=1200 H=1800
SPF120200	WIRING PLATE STEEL CABINETS W=1200 H=2000
SPF160180	WIRING PLATE STEEL CABINETS W=1600 H=1800
SPF160200	WIRING PLATE STEEL CABINETS W=1600 H=2000

WIRING PLATE SAFETY KIT FOR FRONT INSERTION ON CABINETS





Highly robust galvanized brackets pre-drilled and designed for the assembly/mounting of heavy elements on the cabinet internal base.

The fixing is horizontally carried out with the screws supplied on internal reinforcements holes which are pre-drilled in the depth of the cabinet frame.

Supplied in an assembly kit.







PAIR OF 19" RACK UPRIGHTS

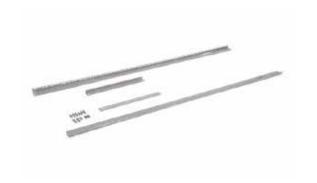




Kit consisting of 2 shaped profiles made in AISI 304L (Wnr 1.4307) predrilled at a pitch for 19" rack instrument applications inside 600 mm wide cabinets.

The capacity of the 19" rack uprights on cabinets H=1800 is 37 pieces HE and 42 pieces HE on cabinets H=2000. Supplied in an assembly kit.

Code	Description
SACMRACK6018	PAIR OF 19" RACK UPRIGHTS 600x1800 37 U HE
SACMRACK6020	PAIR OF 19" RACK UPRIGHTS 600x2000 37 U HE



19" RACK CLOSING PANEL





Panels to close the unused sections of the 19" rack uprights or frames.

Made in AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish.

Code	Description
EACRACK1HE	19" RACK CLOSING PANEL 1HE
EACRACK2HE	19" RACK CLOSING PANEL 2HE
EACRACK3HE	19" RACK CLOSING PANEL 3HE
EACRACK4HE	19" RACK CLOSING PANEL 4HE
EACRACK5HE	19" RACK CLOSING PANEL 5HE



PAIR OF TELESCOPIC RUNNERS





Telescopic runners in nickel-plated fe to use for extracting shelves and drawers in special products made to customer specifications.

They allow total extraction of the whole length of the runner, guaranteeing a sturdy support even for weights of up to 30 kg.

Code	Description
ACC068_300	PAIR OF TELESCOPIC RUNNERS L300/628
ACC068_500	PAIR OF TELESCOPIC RUNNERS L500/1021





LOCKS AND KEYS









Locks, closing mechanism and keys greater use for cabinets and sloped-top cabinets.

Any type of handle with any type of insert, shape or construction material can be supplied on request.



CABINETS VERSION





Not to be used for standard cabinets that are less than 1800 mm in height.

NOT TO DE USEU	ioi standard cabinets that are less than 1000 min in height.
Code	Description
SAC054	HANDLE IN POLYAMIDE DOUBLE WING INSERT 3 mm AND LOGO MPGAMMA (no key)
SAC055	HANDLE IN POLYAMIDE WITH CIPHERED KEY EK333
SAC054_5	HANDLE IN POLYAMIDE DOUBLE WING INSERT 5 mm (no key)
SAC054_Q7	HANDLE IN POLYAMIDE SQUARE INSERT 7 mm (with key)
SAC054_Q8	HANDLE IN POLYAMIDE SQUARE INSERT 8 mm (with key)
SAC054_T	HANDLE IN POLYAMIDE TRIANGLE INSERT (with key)
SAC050	HANDLE IN STAINLESS STEEL DOUBLE WING INSERT 3 mm (no key)
SAC051	HANDLE IN STAINLESS STEEL WITH CIPHERED KEY EK333
SAC050_5	HANDLE IN STAINLESS STEEL DOUBLE WING INSERT 5 mm (with key)
SAC050_Q7	HANDLE IN POLYAMIDE INSERT SQUARE 7 mm (with key)
SAC050_Q8	HANDLE IN POLYAMIDE INSERT SQUARE 8 mm (with key)
SAC050_T	HANDLE IN POLYAMIDE TRIANGLE INSERT (with key)
SAC052	T-SHAPED POLYAMMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333
SAC052_C	T-SHAPED POLYAMMIDE HANDLE GH=18 mm (no key)
ACC018	BLACK ZAMAK TWIN COMB KEY 3 mm
SAC054_1	LONG CLOSING MECHANISM IN POLYAMIDE WITH RODS IN STAINLESS STEEL
SAC054_1C	SHORT CLOSING MECHANISM IN ZAMAK (only for T-shaped handle)

Technical note: handles polyamide insert are not interchangeable with stainless steel handles and "T" handles as the hole on the door is different.

(only for T-shaped handle)

Specify in the order.







SLOPED-TOP CABINETS VERSION







Code	Description
ACC016	STEEL TWIN COMB LOCK STAINLESS STEEL 304L
ACC016_Q	PANEL INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L
ACC016_T	TRIANGLE INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L
ACC016_IG	LOCK FOR HYGIENE STANDARDS MADE OF STAINLESS STEEL 316L
ACC017_1	WING LOCK WITH CIPHERED KEY EK333
ACC017_1_C	CHROMIUM-PLATED WING LOCK WITH CIPHERED KEY EK333
ACC018	BLACK ZAMAK TWIN COMB KEY 3 mm
ACC020	T-SHAPED POLYAMMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333



ACC016_L ACC016



ACC017_1_L ACC017_1



ACC016_Q_L ACC016_Q



ACC017_1_C_L ACC017_1_C

TIP-UP SLANTING 10° SLOPED-TOP CABINETS VERSION





Code	Description
ACC016_L	STEEL TWIN COMB LOCK STAINLESS STEEL 304L
ACC016_Q_L	PANEL INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L
ACC016_T_L	TRIANGLE INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L
ACC016_IG_L	LOCK FOR HYGIENE STANDARDS MADE OF STAINLESS STEEL 316L
ACC017_1_L	WING LOCK WITH CIPHERED KEY EK333
ACC017_1_C_L	CHROMIUM-PLATED WING LOCK WITH CIPHERED KEY EK333
ACC018	BLACK ZAMAK TWIN COMB KEY 3 mm
ACC020_L	T-SHAPED POLYAMMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333



ACC016_T_L ACC016_T



ACCUIC



ACC020_L ACC020



ACC016_IG_L ACC016_IG



DIAGRAM POCKET

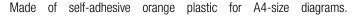
PLASTIC VERSION











Code	Description
ACC028	LARGE DIAGRAM POCKET (260x240x30)



METALLIC VERSION





Galvanised sheet with plenty of room, to mount inside the doors of

They are fixed with self-tapping screws in the holes on the stiffening tube inside the doors.

They cannot be mounted on the door with priority opening in cabinets W=1200 in the version without an upright and in standard cabinets under 1800 mm in height.

Code	Description
SAC041/600	GALVANISED SHEET DIAGRAM POCKETS W=600
SAC041/800	GALVANISED SHEET DIAGRAM POCKETS W=800
SAC041/1000	GALVANISED SHEET DIAGRAM POCKETS W=1000



CONDUCTIVE SEALS











Suited to manufacture boxes and special cabinets where there is the need to reduce the effects of electromagnetic waves.

They are available in both the fitted version (to be mounted on a straight sheet metal edge) and the adhesive one.

Code	Description
ACC027_1	EMC SEAL COVERED WITH SATMET FABRIC (EURO/METRE, FITTED)
ACC027_2	10x4 ADHESIVE SEAL COVERED WITH SATMET FABRIC (EURO/METRE)





LABYRINTH FILTER SYSTEMS WITH STAINLESS STEEL GUARD AND RELATED VENTILATION SYSTEMS







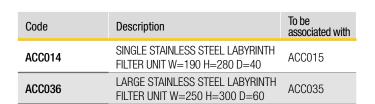




The filtering systems completely in stainless steel AISI 304L (Wnr 1.4307) with labyrinth spray protection device are mounted on the outside of the structure, allowing the replacement of the filtering grid without entering the panel.

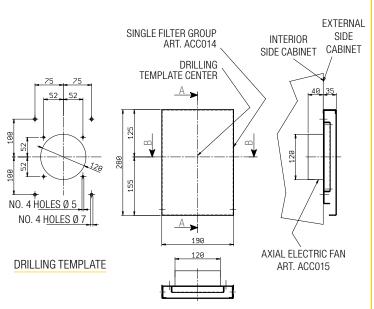
They can all be coupled with the MPGAMMA ventilation systems (the fans must be mounted inside the panel).

They are supplied in kits with drilling template and, on request, drilling on the hardware is made at the factory.

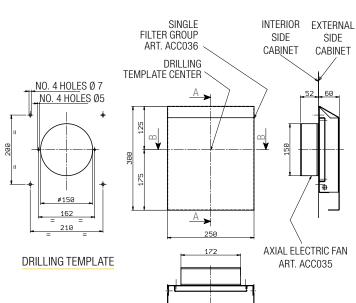




COD. ACCO14

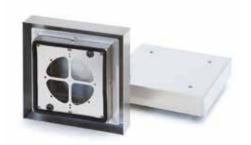


COD. ACC036

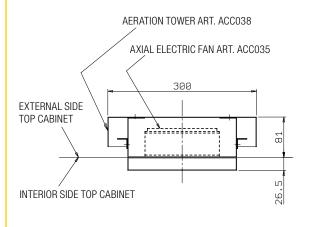


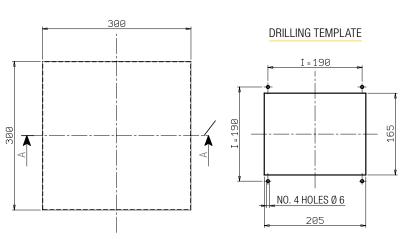


Code	Description	To be associated with
ACC038	STAINLESS STEEL LABYRINTH AERATION TOWER W=300 H=300 D=80	ACC035



COD. ACC038



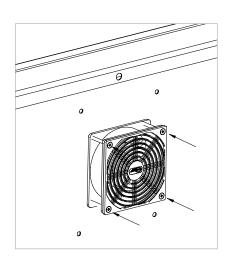


Code	Description	To be associated with
ACC015	AXIAL ELECTRIC FAN 230V 50/60 HZ DIM.120x120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC014
ACC015_120VAC	AXIAL ELECTRIC FAN 120VAC 50/60 HZ DIM.120x120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC014
ACC015_24V DC	AXIAL ELECTRIC FAN 24V DC 50/60 HZ DIM.120x120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H (EFFIFICIENCY 75%)	ACC014
ACC035	AXIAL ELECTRIC FAN 230V 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H AT 50 HZ (EFFICIENCY 75% FOR MOUNTING WITH ACC036)	ACC036
ACC035_120VAC	AXIAL ELECTRIC FAN 120VAC 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC036
ACC035_24V DC	AXIAL ELECTRIC FAN 24V DC 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H (EFFIFICIENCY 75%)	ACC036





COD. ACC015-ACC035







ADVICE ABOUT APPLICATIONS

We do not usually recommend to assemble at the factory the filtering system. on the structure because, as any protruding accessory, it can be damaged during transport.

As far as the factory arrangement is concerned, it is advisable to drill the door (lower costs and shorter delivery time) rather than the sides.

A complete heat exchange system is usually composed of two filtering units or one filtering unit and one aeration tower and, if needed, a fan.

One filter must be mounted at the bottom and another at the top, possibly at the opposite sides of the panel. We recommend to mount the fan on the filter at the bottom so as to let the air flow into from below, put the panel slightly in over pressure and make the heat exchange easier thanks to the heating of the air which obviously tends to go upwards and to exit from the filter placed on the top (or from the tower).

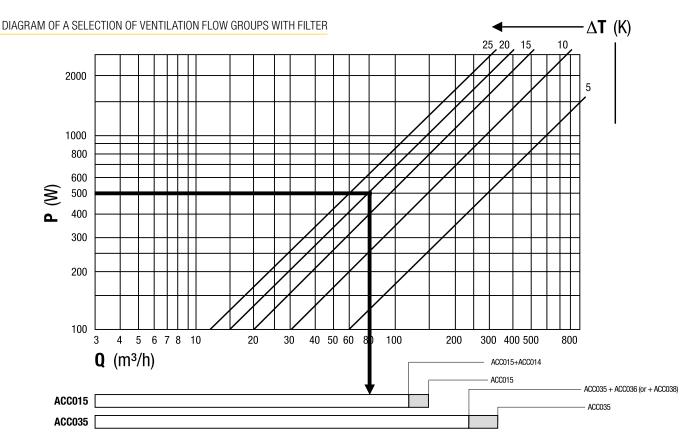
Sometimes this kind of application does not give goods results as some heat pockets may create due to the positioning of the appliances on the wiring plate; in this case the number of filters and fans must be increased or a conditioning system chosen from the wide range offered by MPGAMMA.

If the most warming devices are positioned at the top of the panel, we recommend to add a fan on the filter at the top (or on the tower) suitably set so as to discharge hot air.

To reverse the air flow of a fan you shall turn it symmetrically.

The ventilation systems which can be matched with the MPGAMMA stainless steel filters are available in several voltages and flow rates and do not need additional drilling besides that for the filters.

The filter-fan coupling (with filtering element in good cleaning conditions) reduces the air flow of 25-30% on average.



The max capacities are referred to standard filters.

Q = Ventilation capacity

P = Power dissipation in the cabinets

 ΔT = Temperature difference

Example:

Power dissipation Temperature difference Necessary air flow capacity 500 W 20 K 80 m³/h

Unit of choice ACC015 + ACC014



EXTERNAL STAINLESS STEEL PROTECTION CAPS FOR VENTILATION/ FILTERING SYSTEMS IN PLASTIC







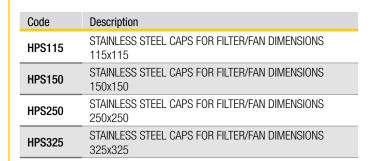




Guards in AISI 304L (Wnr 1.4307) stainless steel which raise the protection level of the ventilation and filtering systems in plastic of the FAN_____ MPX and FIL____ MPX series.

They are in fact designed to with stand the direct powerful blasts of water and detergent liquids that are normally used for sanitising food and pharmaceutical plants.

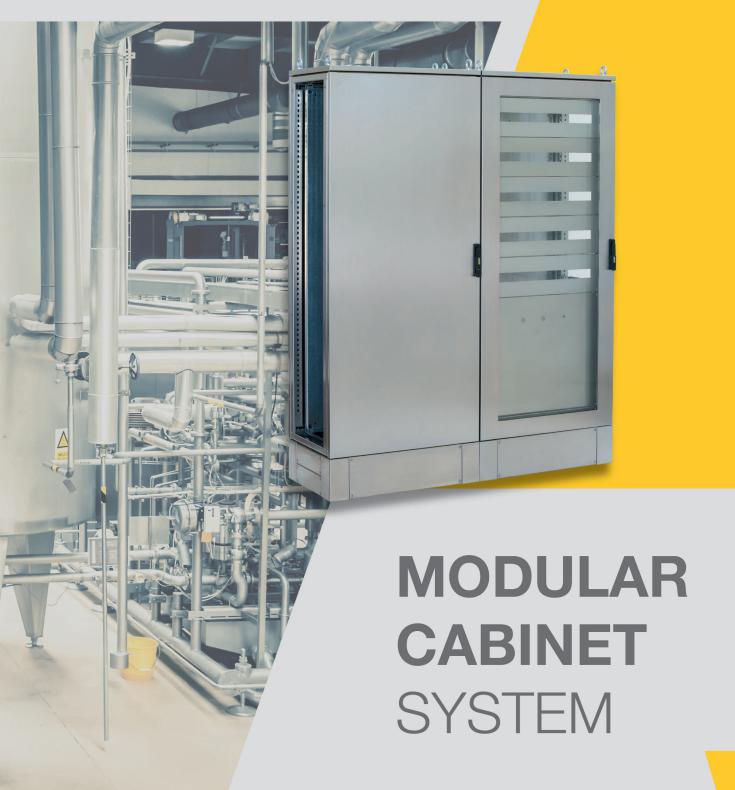
Just a few holes are needed to mount them on the structure on the sides of the slits for the filtering/ventilation systems.







VALORE INOSSIDABILE



"EGO" MODULAR CABINETS WITH SOLID DOOR

EMP Series



The stainless steel modular cabinet system EGO with solid door, EMP series, is the result of innovation and versatility that allows various possibilities the composition.

Also, it guarantees safety in every environment where quality, hygiene and high protection rating are required.

Certifications

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX- EMP -2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).







Features

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- 20/10 thick beam frame, bent and drilled to DIN 25 mm pitch, can be panelled on all sides.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type
- Reversible front door opening a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel, 4 lock points, stainless steel rods.
- Stiffening frame on the inside of the door in strong galvanised carbon steel tube, predrilled to DIN 25 mm pitch for fixing accessories.
- Removable rear panel with flush stainless steel countersunk cross slotted screws.
- Removable over top.
- One airtight bottom cable lead flange, removable with a quick coupling system.
- Polyurethane seal with robotised application on all parts that can be opened and removed.

- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Wiring plate in 25/10 thick galvanised sheet sliding in depth with bigger wiring surface, insertion system on slides and quick fix device in the final position.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.
- Eyebolt lifting system (included).
- 1 door version for widths up to 1000 mm.
- 2-door versions with central closing, removable centre upright for widths 1200 mm and 1600 mm.
- In the 2-door versions closing is in the middle of the centre upright and the hinges are on the sides of the structure; the doors are separate and have the lock system.

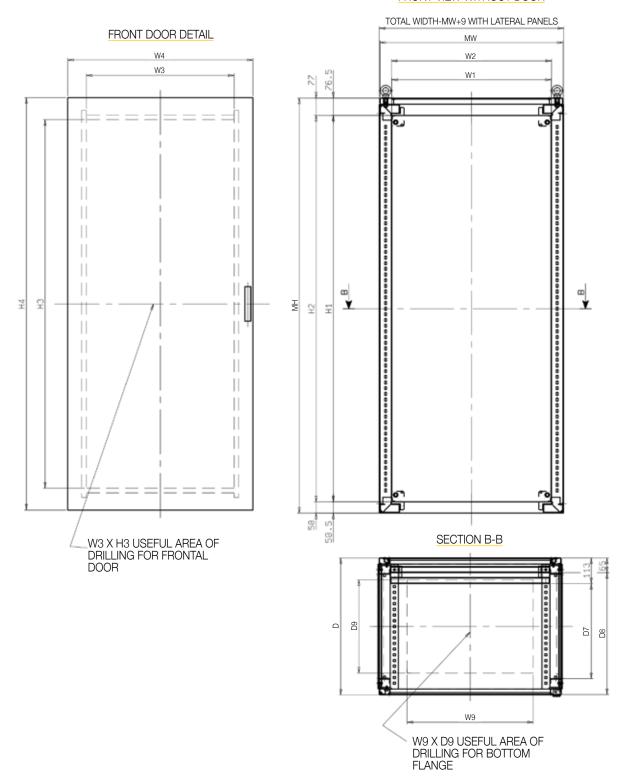
Optionals upon request

- Drilling to drawing on door, top and sides.
- Silicone seals resistant to temperatures of - 50°C to + 120°C.
- Special dimensions.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.



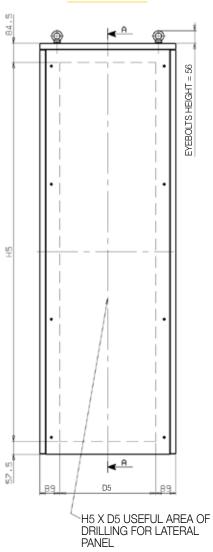
1 DOOR

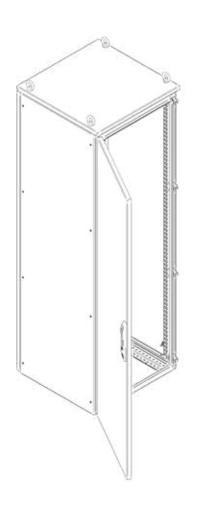
FRONT VIEW WITHOUT DOOR



CODE ART.		NOMINAI IMENSIOI		DOORS NO.	DIMEN	AX ISIONS	EN' USE DIMEN	FUL	WIR PL/ DIMEN (INCL)	ATE	DRIL	DOOR LING ISIONS	FRONT DIME	DOOR	LATE PAN DRILI DIMEN	LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	ISION OTTOM
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
EMP6018050	600	1800	500	1	605	1827	504	1700	500	1700	440	1600	602	1790	1685	325	305	435	355	310
EMP6020060	600	2000	600	1	605	2027	504	1900	500	1900	440	1800	602	1990	1885	425	405	535	355	410

LATERAL VIEW WITH LATERAL PANEL

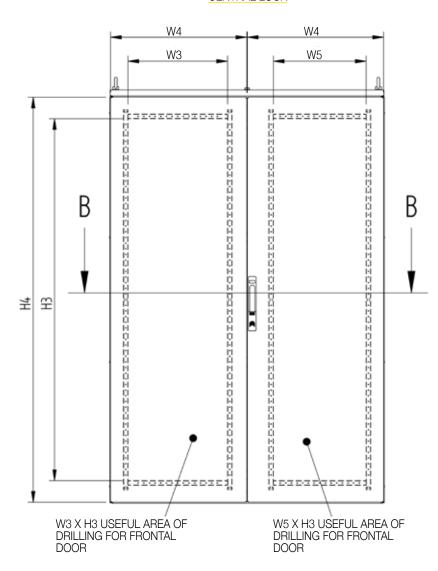


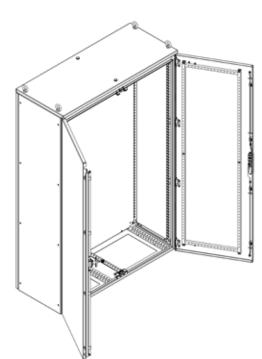


CODE ART.		NOMINAL MENSION		DOORS NO.	DIMEN		EN' USE DIMEN	FUL	PL/ DIMEN	IING ATE ISIONS UDED)	FRONT DRIL DIMEN			DOOR	LATE PAN DRIL DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	ISION OTTOM
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
EMP8018050	800	1800	500	1	805	1827	704	1700	700	1700	640	1600	802	1790	1685	325	305	435	555	310
EMP8018060	800	1800	600	1	805	1827	704	1700	700	1700	640	1600	802	1790	1685	425	405	535	555	410
EMP8018080	800	1800	800	1	805	1827	704	1700	700	1700	640	1600	802	1790	1685	625	605	735	555	610
EMP8020050	800	2000	500	1	805	2027	704	1900	700	1900	640	1800	802	1990	1885	325	305	435	555	310
EMP8020060	800	2000	600	1	805	2027	704	1900	700	1900	640	1800	802	1990	1885	425	405	535	555	410
EMP8020080	800	2000	800	1	805	2027	704	1900	700	1900	640	1800	802	1990	1885	625	605	735	555	610

STANDARD 2 DOORS VERSION WITHOUT CENTRAL REMOVABLE UPRIGHT

FRONT DOORS DETAIL WITH CENTRAL LOCK

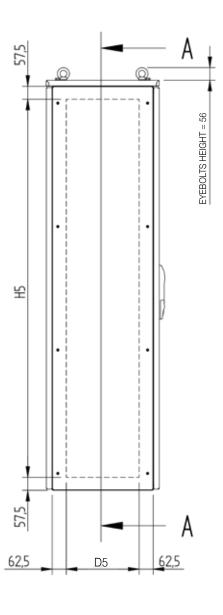




CODE ART.		NOMINAL MENSION		DOORS NO.	M. DIMEN	AX ISIONS	ENT USE DIMEN	FUL	WIR PLA DIMEN (INCLU	ATE SIONS	DRIL	DOOR LING ISIONS		ONT DO MENSIC		LATE PAN DRILI DIMEN	NEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAI	NSION
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	W5	H4	H5	D5	D7	D8	W9	D9
EMP12018050	1200	1800	500	2 SM*	1210	1827	1109	1700	1105	1700	440	1600	602	410	1790	1685	325	305	435	365	310
EMP12020060	1200	2000	600	2 SM*	1210	2027	1109	1900	1105	1900	440	1800	602	410	1990	1885	425	405	535	365	410

FRONT VIEW WITHOUT DOOR TOTAL WIDTH-MW+9 WITH LATERAL PANELS MWW2 \exists 잎 SECTION B-B 240 W9 W9 8 \Box 8 W9 X D9 USEFUL AREA OF DRILLING FOR BOTTOM FLANGE

LATERAL VIEW WITH OPTIONAL LATERAL PANEL



UPON REQUEST VERSION

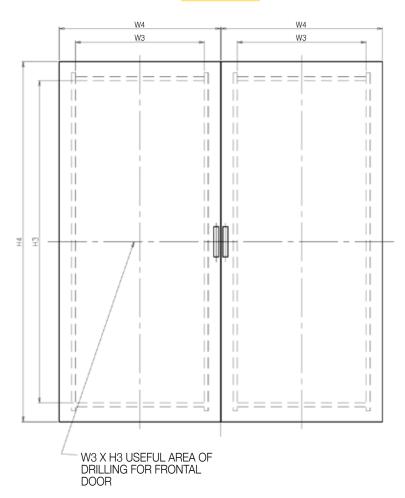
CODE ART.		NOMINAL MENSION		DOORS NO.	M/ DIMEN		ENT USE DIMEN	FUL	WIR PLA DIMEN (INCL)	ATE SIONS	FRONT DRIL DIMEN	LING	FRONT	DOOR	LATE PAN DRILI DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	NSION
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
EMP12018050CM	1200	1800	500	2 CM**	1210	1827	1109	1700	1105	1700	440	1600	602	1790	1685	325	305	435	365	310
EMP12020060CM	1200	2000	600	2 CM**	1210	2027	1109	1900	1105	1900	440	1800	602	1990	1885	425	405	535	365	410

^{** 2} CM = 2 doors separate with removable centre upright (IP66-IP69K-IK10) – see details drawing to page 12

2 DOORS VERSION WITH CENTRAL REMOVABLE UPRIGHT

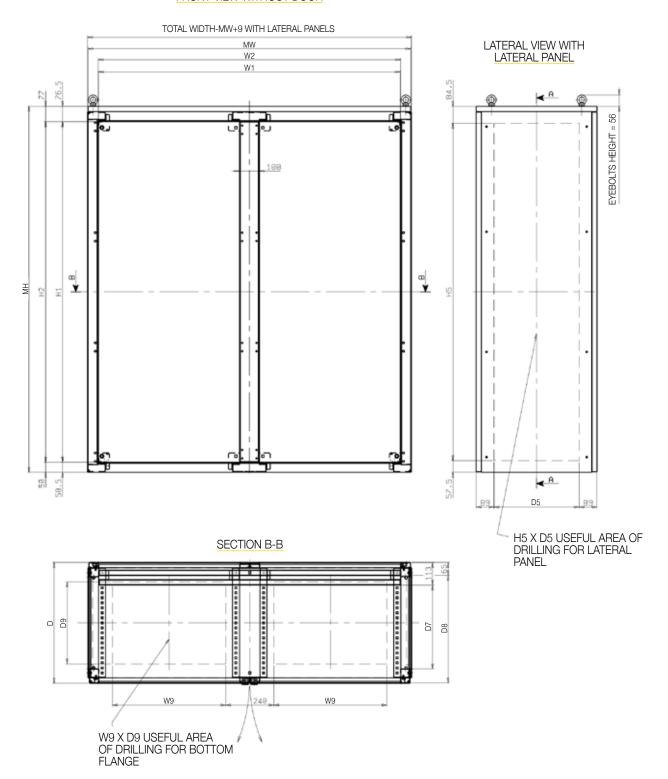
FRONT DOORS DETAIL WITH CENTRAL LOCK





CODE ART.		NOMINAL MENSIOI		DOORS NO.	M/ DIMEN	AX SIONS	ENT USE DIMEN	FUL	PL/ DIMEN		DRIL	DOOR LING ISIONS	FRONT	DOOR	LATE PAN DRIL DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	ISION OTTOM
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
EMP16018050	1600	1800	500	2 CM**	1610	1827	1509	1700	1505	1700	640	1600	802	1790	1685	325	305	435	565	310
EMP16018060	1600	1800	600	2 CM**	1610	1827	1509	1700	1505	1700	640	1600	1505	1790	1685	425	405	535	565	410
EMP16018080	1600	1800	800	2 CM**	1610	1827	1509	1700	1505	1700	640	1600	1505	1790	1685	625	605	735	565	610
EMP16020050	1600	2000	500	2 CM**	1610	2027	1509	1900	1505	1900	640	1800	1505	1990	1885	325	305	435	565	310
EMP16020060	1600	2000	600	2 CM**	1610	2027	1509	1900	1505	1900	640	1800	1505	1990	1885	425	405	535	565	410
EMP16020080	1600	2000	800	2 CM**	1610	2027	1509	1900	1505	1900	640	1800	802	1990	1885	625	605	735	565	610

FRONT VIEW WITHOUT DOOR



"EGO" MODULAR CABINETS WITH TRANSPARENT DOOR

EML Series

The stainless steel modular cabinet system EGO with transparent door, EML series, is the result of innovation and versatility that allows various possibilities the composition. Also, it guarantees safety in every environment where quality, hygiene and high protection rating are required.



Certifications

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX- EML-2-22 and laminated glass window.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).







Features

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- 20/10 thick beam frame, bent and drilled to DIN 25 mm pitch, can be panelled on all sides.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door with a strong transparent panel in shock-resistant LEXAN fixed with an adhesive seal and a mechanical locking profile to guarantee duration over time and in all conditions of use. Doors open a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel, 4 lock points, stainless steel rods.
- Stiffening frame on the inside of the door in strong galvanised carbon STEEL tube, predrilled to DIN 25 mm pitch for fixing accessories.
- Removable rear panel with flush stainless steel countersunk cross slotted screws.
- Removable over top.
- One airtight bottom cable lead flange, removable with a quick coupling system.
- Polyurethane seal with robotised application on all parts that can be opened and removed.

- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Wiring plate in 25/10 thick galvanised sheet sliding in depth with bigger wiring surface, insertion system on slides and quick fix device in the final position.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.
- Eyebolt lifting system (included).
- 1 door version for widths up to 1000 mm
- 2-door versions with central closing, with or without removable central upright for widths 1200 mm and 1600 mm.

In the 2-door versions closing is in the middle of the centre upright and the hinges are on the sides of the structure, the doors are separate and have the lock system.

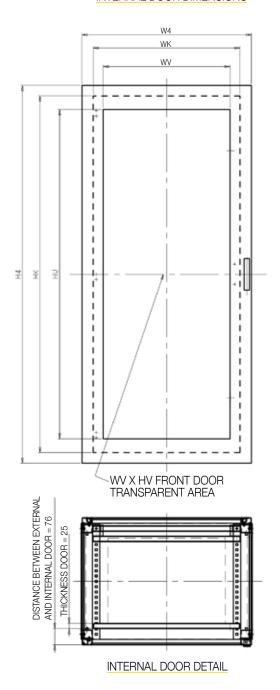
Optionals upon request

- Drilling to drawing on top and sides.
- Silicone seals resistant to temperatures of - 50°C to + 120°C.
- Special dimensions.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.



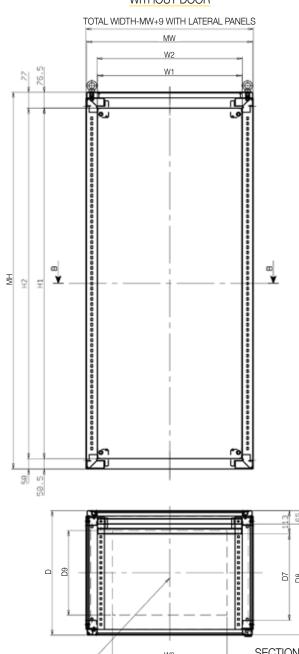
1 DOOR

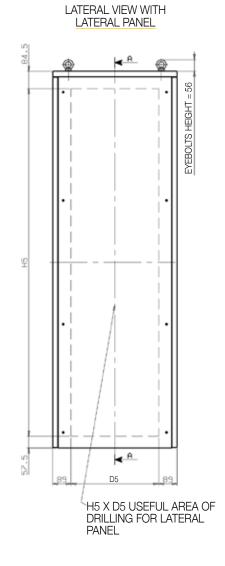
FRONT DOOR TRANSPARENT AREA DETAIL AND INTERNAL DOOR DIMENSIONS



CODE ART.		NOMINA MENSIO		DOORS NO.	M/ DIMEN	AX ISIONS	TRAN RENT DIMEN		DIMEN	DOOR ISIONS TION)	EN' USE DIMEN	FUL	PL/ DIMEN	RING ATE ISIONS UDED)	FRONT DIMEN	DOOR	LATE PAN DRIL DIMEN	LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	NSION
	W	Н	D		MW	МН	WV	HV	WK	НК	W1	H1	W2	H2	W4	H4	H5	D5	D7	D8	W9	D9
EML6018050	600	1800	500	1	605	1827	400	1560	495	1690	504	1700	500	1700	602	1790	1685	325	305	435	355	310
EML6020060	600	2000	600	1	605	2027	400	1760	495	1890	504	1900	500	1900	602	1990	1885	425	405	535	355	410
EML8018050	800	1800	500	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1685	325	305	435	555	310
EML8018060	800	1800	600	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1685	425	405	535	555	410

FRONT VIEW WITHOUT DOOR



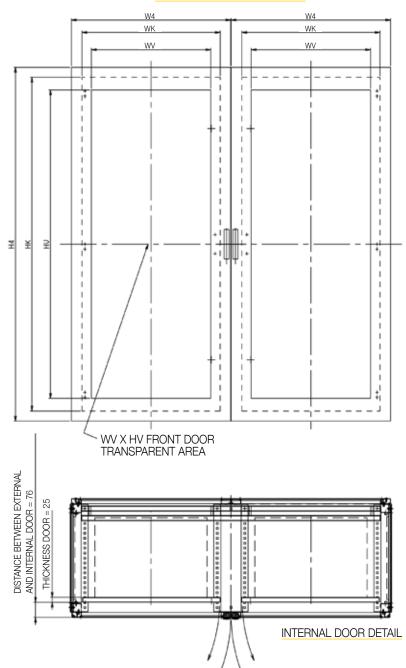


1			113
o 6	 	0	D8
	W9		SECTION B-B
	D9 USEFUL ING FOR BC		

CODE ART.		NOMINA MENSIO		DOORS NO.	DIMEN	AX ISIONS	TRAN RENT DIMEN	DOOR	INNER DIMEN (OPT		ENT USE DIMEN	FUL	PL/ DIMEN	RING ATE ISIONS UDED)	FRONT DIMEN	DOOR	LATE PAN DRIL DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	NSION
	W	Н	D		MW	МН	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D7	D8	W9	D9
EML8018080	800	1800	800	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1685	625	605	735	555	610
EML8020050	800	2000	500	1	805	2027	600	1760	695	1890	704	1900	700	1900	802	1990	1885	325	305	435	555	310
EML8020060	800	2000	600	1	805	2027	600	1760	695	1890	704	1900	700	1900	802	1990	1885	425	405	535	555	410
EML8020080	800	2000	800	1	805	2027	600	1760	695	1890	704	1900	700	1900	802	1990	1885	625	605	735	555	610

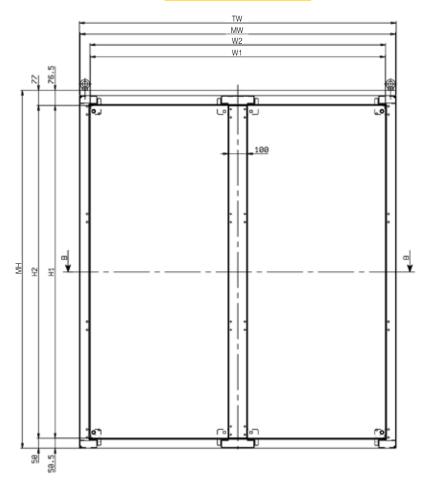
2 DOORS

FRONT DOORS TRANSPARENT AREA DETAIL AND INTERNAL DOOR DIMENSIONS

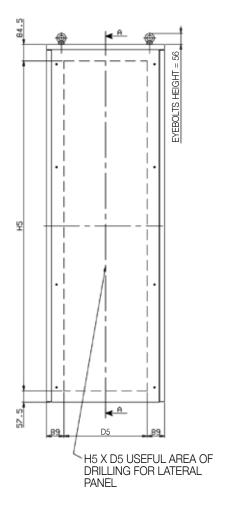


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CODE ART.		NOMINA IMENSIC		DOORS NO.	M/ DIMEN	AX ISIONS	RENT	NSPA- DOOR ISIONS	DIMEN	DOOR ISIONS (ION)	ENT USE DIMEN	FUL	WIR PLA DIMEN (INCLU	ATE	FRONT DIMEN		LATE PAN DRILI DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY		ISION OTTOM
	W	Н	D		MW	МН	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D7	D8	W9	D9
EML12020050	1200	2000	500	2CM**	1210	2027	400	1760	495	1890	1109	1900	1105	1900	602	1990	1885	325	305	435	365	310
EML12020060	1200	2000	600	2CM**	1210	2027	400	1760	495	1890	1109	1900	1105	1900	602	1990	1885	425	405	535	365	410
EML16018050	1600	1800	500	2CM**	1610	1827	600	1560	695	1690	1509	1700	1505	1700	802	1790	1685	325	305	435	565	310
EML16018060	1600	1800	600	2CM**	1610	1827	600	1560	695	1690	1509	1700	1505	1700	1505	1790	1685	425	405	535	565	410
EML16018080	1600	1800	800	2CM**	1610	1827	600	1560	695	1690	1509	1700	1505	1700	1505	1790	1685	625	605	735	565	610
EML16020050	1600	2000	500	2CM**	1610	2027	600	1760	695	1890	1509	1900	1505	1900	1505	1990	1885	325	305	435	565	310
EML16020060	1600	2000	600	2CM**	1610	2027	600	1760	695	1890	1509	1900	1505	1900	1505	1990	1885	425	405	535	565	410
EML16020080	1600	2000	800	2CM**	1610	2027	600	1760	695	1890	1509	1900	1505	1900	802	1990	1885	625	605	735	565	610

FRONT VIEW WITHOUT DOOR



LATERAL VIEW WITH LATERAL PANEL



SECTION B-B W9 W9 X D9 USEFUL AREA OF DRILLING FOR BOTTOM FLANGE

"SPEED" MODULAR CABINETS SYSTEM WITH BLIND DOOR

SPD Series



The stainless steel modular cabinet system SPEED with solid door, SPD series, has as a basic requirement the speed of battery coupling.

The value distinctive of products are quality, solidity, aesthetic and proportion of shapes.

Certifications

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX- SPD-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).







Features

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- Self-supporting composite frame + trestles 20/10 thick bent and drilled to DIN 25mm pitch, can be paneled on all sides.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door opening a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel, 4 lock points, stainless steel rods.
- Stiffening frame on the inside of the door in strong galvanised carbon steel tube, predrilled to DIN 25 mm pitch for fixing accessories.
- Perfectly smooth rear panel and not removable over top.
- Removable over top.
- One airtight bottom cable lead flange, removable with a quick coupling system.
- Polyurethane seal with robotised application on all parts that can be opened and removed.

- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Wiring plate in 25/10 thick galvanised sheet sliding in depth with bigger wiring surface, insertion system on slides and quick fix device in the final position.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.
- Eyebolt lifting system (included).
- 1 door version for widths up to 1000 mm.
- 2-door versions with central closing, with or without removable central upright for widths >1000 mm.
- In the 2-door versions closing is in the middle of the centre upright and the hinges are on the sides of the structure.

In the 2-door optional versions with central upright, the doors are independent and have a lock system.

Optionals upon request

- Drilling to drawing on door, sides.
- Silicone seals resistant to temperatures of - 50°C to + 120°C.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.



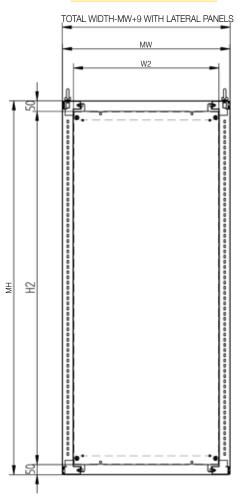
1 DOOR

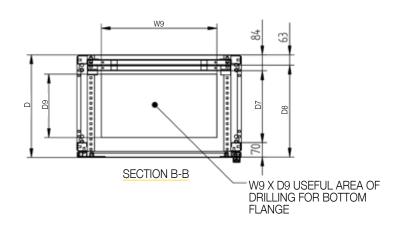
FRONT DOOR DETAIL

W4 _____ Ü Ė П Ü П В Ä Ü Ź 至 li li Ĥ Ü Ė BUBBBBB

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FRONT VIEW WITHOUT DOOR





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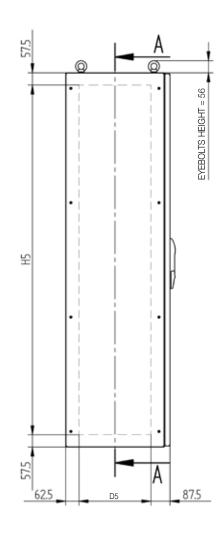
CODE A	RT.		NOMINAL MENSION		DOORS NO.	M/ DIMEN	AX ISIONS	EN' USE DIMEN	FUL	DIMEN	ATE	DRIL	DOOR LING ISIONS		DOOR	LATE PAN DRIL DIMEN	NEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	ISION OTTOM
		W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
SPD06018	8040	600	1800	400	1	605	1800	504	1700	500	1700	440	1600	602	1790	1685	250	258	350	366	210
SPD06018	8050	600	1800	500	1	605	1800	504	1700	500	1700	440	1600	602	1790	1685	350	358	450	366	310
SPD06018	8060	600	1800	600	1	605	1800	504	1700	500	1700	440	1600	602	1790	1685	450	458	550	366	410
SPD0602	0050	600	2000	500	1	605	2000	504	1900	500	1900	440	1800	602	1990	1885	350	358	450	366	310
SPD0602	0060	600	2000	600	1	605	2000	504	1900	500	1900	440	1800	602	1990	1885	450	458	550	366	410

- W3 X H3 USEFUL AREA OF DRILLING FOR FRONTAL DOOR

FRONT VIEW WITHOUT DOOR

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LATERAL VIEW WITH OPTIONAL LATERAL PANEL

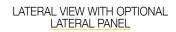


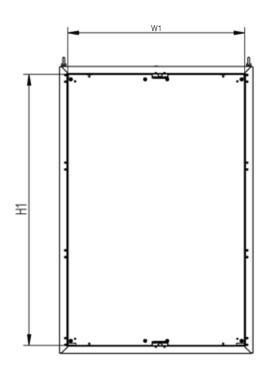
CODE ART.		NOMINAL DIMENSIONS			MAX DIMENSIONS		ENTRY USEFUL DIMENSIONS		PL/ DIMEN		FRONT DRIL DIMEN	LING	FRONT DIMEN		LATE PAN DRIL DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILL DIMEN FOR BO FLAN	ISION OTTOM
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
SPD08018040	800	1800	400	1	805	1800	704	1700	700	1700	640	1600	802	1790	1685	250	258	350	566	210
SPD08018050	800	1800	500	1	805	1800	704	1700	700	1700	640	1600	802	1790	1685	350	358	450	566	310
SPD08018060	800	1800	600	1	805	1800	704	1700	700	1700	640	1600	802	1790	1685	450	458	550	566	410
SPD08020050	800	2000	500	1	805	2000	704	1900	700	1900	640	1800	802	1990	1885	350	358	450	566	310
SPD08020060	800	2000	600	1	805	2000	704	1900	700	1900	640	1800	802	1990	1885	450	458	550	566	410
SPD10018050	1000	1800	500	1	1005	1800	904	1700	900	1700	840	1600	1002	1790	1685	350	358	450	766	310
SPD10018060	1000	1800	600	1	1005	1800	904	1700	900	1700	840	1600	1002	1790	1685	450	458	550	766	410
SPD10020050	1000	2000	500	1	1005	2000	904	1900	900	1900	840	1800	1002	1990	1885	350	358	450	766	310
SPD10020060	1000	2000	600	1	1005	2000	904	1900	900	1900	840	1800	1002	1990	1885	450	458	550	766	410

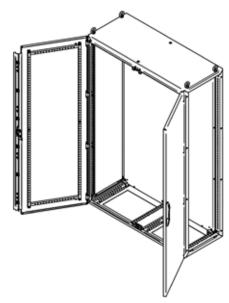
STANDARD 2 DOORS VERSION WITHOUT CENTRAL REMOVABLE UPRIGHT

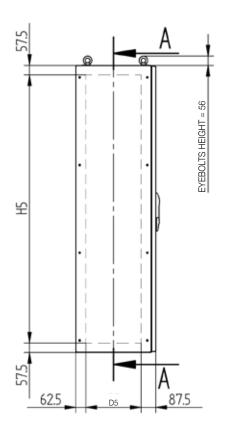
SECTION A-A FRONT VIEW WITHOUT DOORS FRONT DOOR DETAIL TOTAL WIDTH-MW+9 WITH LATERAL PANELS W2 Ė Ĥ Ħ В ġ Ĥ В Ø ğ ġ A A Ė Ė H H Ü Ė Ė Ĥ Ĥ Ĥ À A A 至 모 컆 ₹ ġ ġ ġ θ θ Ø À À A Ė Ė Ė Ĥ Ü Ĥ ġ Ü ġ ġ ġ θ Ĥ À B H Ė Ė Ė Ė ₩-° W3 X H3 USEFUL AREA OF DRILLING FOR FRONTAL W5 X H3 USEFUL AREA OF DRILLING FOR DOOR FRONTAL DOOR 240 W9 60 70 8 W9 X D9 USEFUL AREA OF W9 X D9 USEFUL AREA OF DRILLING FOR BOTTOM FLANGE DRILLING FOR BOTTOM FLANGE

FRONT VIEW WITHOUT DOORS







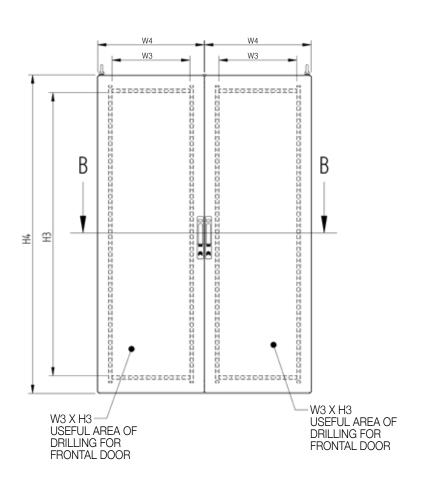


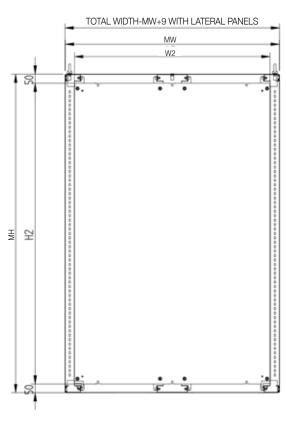
CODE ART.	NOMINAL DIMENSIONS			DOORS NO.	MAX DIMENSIONS		ENTRY USEFUL DIMENSIONS		WIRING PLATE DIMENSIONS (INCLUDED)		D	ONT DO RILLIN MENSIO	G	FRONT DIMEN		LATE PAN DRILI DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRIL DIMEN FOR BO FLAI	NSION
	W	Н	D		MW	МН	W1	H1	W2	H2	W3	W5	НЗ	W4	H4	H5	D5	D7	D8	W9	D9
SPD12018040	1200	1800	400	2	1210	1800	1109	1700	1100	1700	440	410	1600	602	1790	1685	250	258	350	366	210
SPD12018050	1200	1800	500	2	1210	1800	1109	1700	1100	1700	440	410	1600	602	1790	1685	350	358	450	366	310
SPD12018060	1200	1800	600	2	1210	1800	1109	1700	1100	1700	440	410	1600	602	1790	1685	450	458	550	366	410
SPD12020050	1200	2000	500	2	1210	2000	1109	1900	1100	1900	440	410	1800	602	1990	1885	350	358	450	366	310
SPD12020060	1200	2000	600	2	1210	2000	1109	1900	1100	1900	400	410	1800	602	1990	1885	450	458	550	366	410

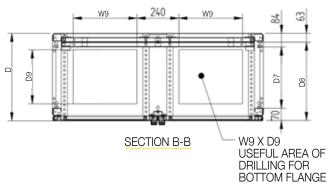
REQUEST VERSION WITH CENTRAL REMOVABLE UPRIGHT

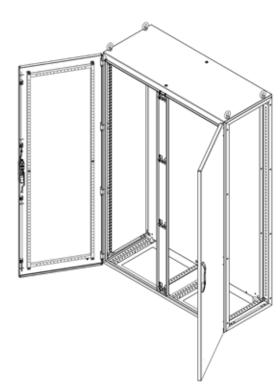
FRONT DOOR DETAIL

SECTION A-A FRONT VIEW WITHOUT DOORS





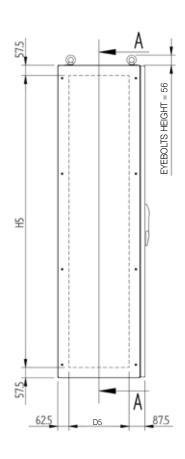




FRONT VIEW WITHOUT DOORS

REMOVABLE CENTRAL UPRIGHT STANDARD FOR 2 DOORS CABINETS

LATERAL VIEW WITH OPTIONAL LATERAL PANEL



CODE ART.	NOMINAL DIMENSIONS									DIMEN		ENT USE DIMEN	FUL	WIR PLA DIMEN (INCL)	ATE SIONS	FRONT DRIL DIMEN	LING		DOOR	LATE PAN DRILI DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILL DIMEN FOR BO FLAN	ISION OTTOM
	W	Н	D	NO.	MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	D7	D8	W9	D9					
SPD12018040CM	1200	1800	400	2	1210	1800	1109	1700	1100	1700	440	1600	602	1790	1685	250	245	337	366	210					
SPD12018050CM	1200	1800	500	2	1210	1800	1109	1700	1100	1700	440	1600	602	1790	1685	350	345	437	366	310					
SPD12018060CM	1200	1800	600	2	1210	1800	1109	1700	1100	1700	440	1600	602	1790	1685	450	445	537	366	410					
SPD12020050CM	1200	2000	500	2	1210	2000	1109	1900	1100	1900	440	1800	602	1990	1885	350	345	437	366	310					
SPD12020060CM	1200	2000	600	2	1210	2000	1109	1900	1100	1900	440	1800	602	1990	1885	450	445	537	366	410					

"SPEED" MODULAR CABINETS SYSTEM WITH TRANSPARENT DOOR

SLD Series



The stainless steel modular cabinet system SPEED with transparent door, SLD series, has as a basic requirement the speed of battery coupling. The value distinctive of products are quality, solidity, aesthetic and proportion of shapes.

Certifications

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX-SLD-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).







Features

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- Self-supporting composite frame + trestles 20/10 thick bent and drilled to DIN 25mm pitch, can be paneled on all sides.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door with a strong transparent panel in shock-resistant LEXAN and UV resistant fixed with an adhesive seal and a mechanical locking profile to guarantee duration over time and in all conditions of use.
- Reversible front doors opens a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel, 4 lock points, stainless steel rods.
- Stiffening frame on the inside of the door in strong galvanised carbon STEEL tube, predrilled to DIN 25 mm pitch for fixing accessories.
- Perfectly smooth rear panel and not removable over top.
- Removable over top.

- One airtight bottom cable lead flange, removable with a quick coupling system.
- Polyurethane seal with robotised application on all parts that can be opened and removed.
- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Wiring plate in 25/10 thick galvanised sheet sliding in depth with bigger wiring surface, insertion system on slides and quick fix device in the final position.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.
- Eyebolt lifting system (included).
- 1 door version for widths up to 1000 mm.
- 2-door versions with central closing with removable central upright for widths > 1000 mm.
 In the 2-door versions closing is central upright and the hinges are on the sides of the structure.
 The doors are independent and have a lock system.

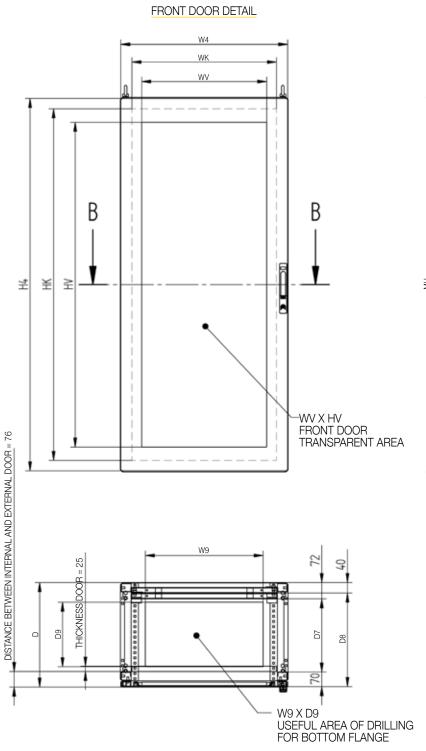
Optionals upon request

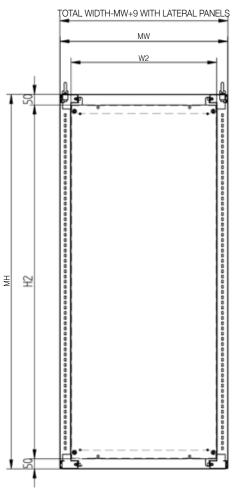
- Drilling to drawing on sides.
- Silicone seals resistant to temperatures of 50°C to + 120°C.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.



1 DOOR

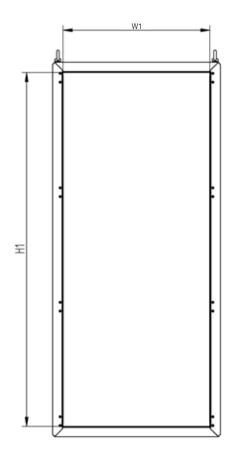
FRONT VIEW WITHOUT DOORS



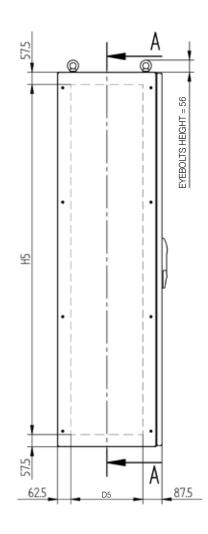


CODE ART.	NOMINAL DIMENSIONS				DOORS NO.		AX ISIONS	RENT	NSPA- DOOR ISIONS	DIMEN	DOOR ISIONS FION)	EN' USE DIMEN	FUL	PL/ DIMEN	IING ATE ISIONS UDED)	FRONT DIMEN	DOOR	LATE PAN DRILI DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	NSION
	W	Н	D		MW	МН	WV	HV	WK	НК	W1	H1	W2	H2	W4	H4	H5	D5	D7	D8	W9	D9	
SLD06018040	600	1800	400	1	605	1800	400	1560	495	1690	504	1700	500	1700	602	1790	1685	250	258	350	366	210	
SLD06018050	600	1800	500	1	605	1800	400	1560	495	1690	504	1700	500	1700	602	1790	1685	350	358	450	366	310	
SLD06018060	600	1800	600	1	605	1800	400	1560	495	1690	504	1700	500	1700	602	1790	1685	450	458	550	366	410	
SLD06020050	600	2000	500	1	605	2000	400	1760	495	1890	504	1900	500	1900	602	1990	1885	350	358	450	366	310	
SLD06020060	600	2000	600	1	605	2000	400	1760	495	1890	504	1900	500	1900	602	1990	1885	450	458	550	366	410	

FRONT VIEW WITHOUT DOORS

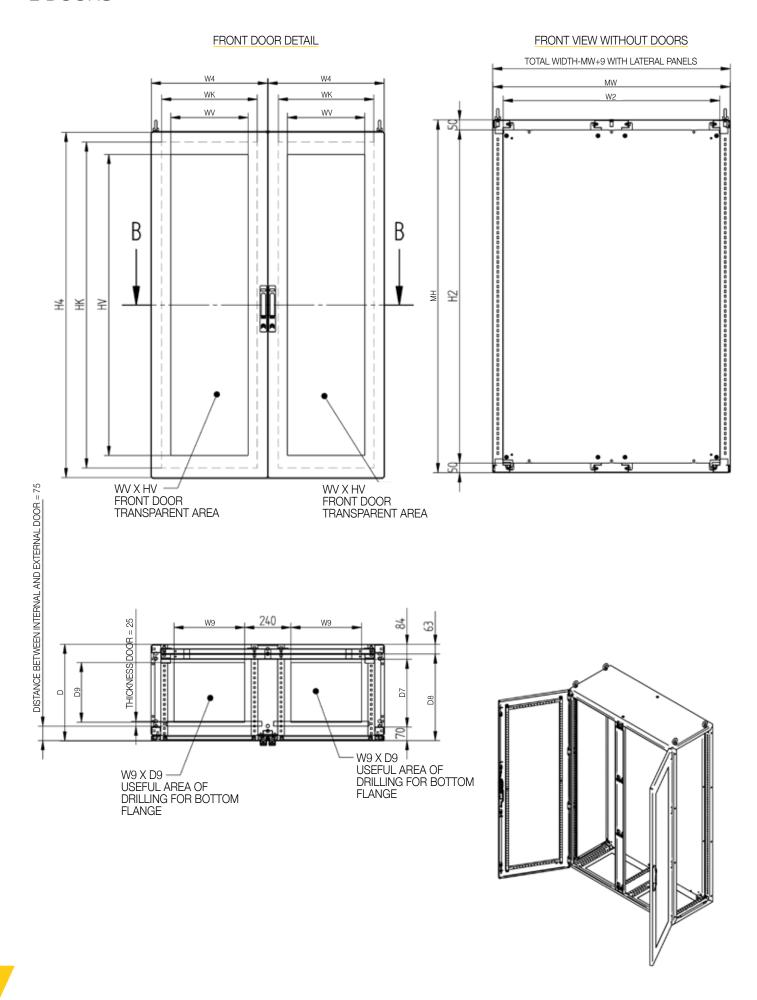


LATERAL VIEW WITH OPTIONAL LATERAL PANEL



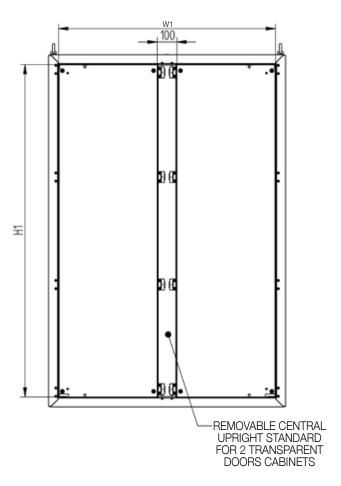
CODE ART.		NOMINAL DIMENSIONS			DOORS NO.		TRANSPA- RENT DOOR DIMENSIONS			DOOR ISIONS TION)		TRY FUL ISIONS	PL/ DIMEN		FRONT DIMEN		LATE PAN DRIL DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILI DIMEN FOR BO FLAN	SION
	W	Н	D		MW	МН	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D7	D8	W9	D9
SLD08018040	800	1800	400	1	805	1800	400	1560	695	1690	704	1700	700	1700	802	1790	1685	250	258	350	566	210
SLD08018050	800	1800	500	1	805	1800	600	1560	695	1690	704	1700	700	1700	802	1790	1685	350	358	450	566	310
SLD08018060	800	1800	600	1	805	1800	600	1560	695	1690	704	1700	700	1700	802	1790	1685	450	458	550	566	410
SLD08020050	800	2000	500	1	805	2000	600	1760	695	1890	704	1900	700	1900	802	1990	1885	350	358	450	566	310
SLD08020060	800	2000	600	1	805	2000	600	1760	695	1890	704	1900	700	1900	802	1990	1885	450	458	550	566	410
SLD10018050	1000	1800	500	1	1005	1800	800	1560	895	1690	904	1700	900	1700	1002	1790	1685	350	358	450	766	310
SLD10018060	1000	1800	600	1	1005	1800	800	1560	895	1690	904	1700	900	1700	1002	1790	1685	450	458	550	766	410
SLD10020050	1000	2000	500	1	1005	2000	800	1760	895	1890	904	1900	900	1900	1002	1990	1885	350	358	450	766	310
SLD10020060	1000	2000	600	1	1005	2000	800	1760	895	1890	904	1900	900	1900	1002	1990	1885	450	458	550	766	410

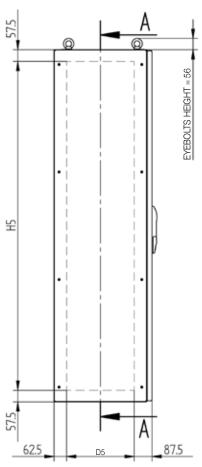
2 DOORS



FRONT VIEW WITHOUT DOORS

LATERAL VIEW WITH OPTIONAL LATERAL PANEL

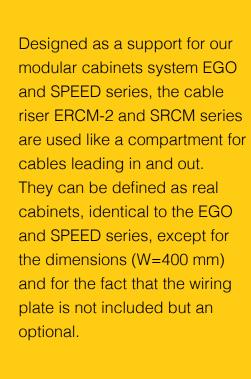




CODE ART.		NOMINAL DIMENSIONS		DIMENSIONS		DIMENSIONS				DOORS NO.	M/ DIMEN		TRAN RENT DIMEN			DOOR SIONS TON)	ENT USE DIMEN	FUL	WIR PLA DIMEN (INCLU	SIONS	FRONT DIMEN	SIONS	LATE PAN DRILI DIMEN	IEL LING	USEFUL THICKNESS FOR PLATES'S LATERAL ENTRY	USEFUL THICKNESS FOR PLATE'S FRONT ENTRY	DRILL DIMEN FOR BO FLAN	ISION OTTOM
	W	Н	D		MW	МН	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D7	D8	W9	D9						
SLD12018040	1200	1800	400	2	1210	1800	400	1560	495	1690	1109	1700	1100	1700	602	1790	1685	250	258	350	366	210						
SLD12018050	1200	1800	500	2	1210	1800	400	1560	495	1690	1109	1700	1100	1700	602	1790	1685	350	358	450	366	310						
SLD12018060	1200	1800	600	2	1210	1800	400	1560	495	1690	1109	1700	1100	1700	602	1790	1685	450	458	550	366	410						
SLD12020050	1200	2000	500	2	1210	2000	400	1760	495	1890	1109	1900	1100	1900	602	1990	1885	350	358	450	366	310						
SLD12020060	1200	2000	600	2	1210	2000	400	1760	495	1890	1109	1900	1100	1900	602	1990	1885	450	458	550	366	410						

CABLE RISERS TO SUPPORT MODULAR CABINETS "EGO" AND "SPEED"







Certifications

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX- EMP-2-22 or KIT-ATEX- SPD-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).







Features

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- 20/10 thick beam frame, bent and drilled to DIN 25 mm pitch, can be panelled on all sides.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door that opens maximum 120° with internal stainless steel hinges, stainless steel ¼ turn locks with double wing insert.
- Removable rear panel with flush stainless steel countersunk cross slotted screws.
- Removable over top.
- One airtight bottom and higher cable lead flange and removable

- Polyurethane seal with robotised application on all parts that can be opened and removed.
- Profiles on slanting seals to prevent liquids from stagnating.
- Doors and panels with no-cut edges to ensure total operator safety.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.

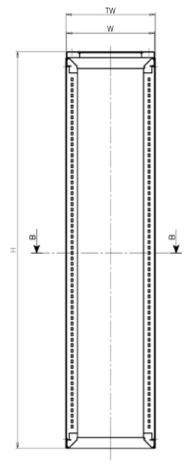
Optionals upon request

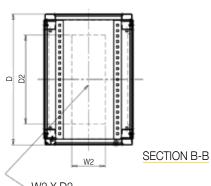
- Other insert types or locks.
- Generic and specific accessories.
- Drilling to drawing on door, top and side panels.
- Silicone seals resistant to temperatures of -50°C to +120°C.
- Special dimensions
- Products made with AISI 316L or other special steels



"ERCM-2" Series

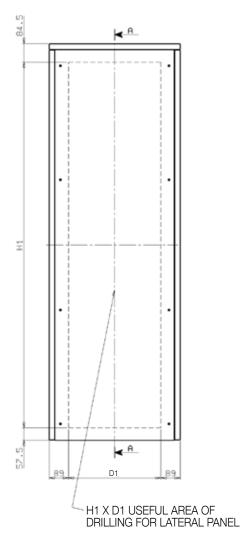
FRONT VIEW WITHOUT DOORS





W2 X D2 USEFUL AREA OF DRILLING FOR BOTTOM FLANGE

LATERAL VIEW WITH OPTIONAL LATERAL PANEL



CODE ART.	h	NOMINAL DIMENSIONS	5	MAX DIMENSIONS WITH LATERAL PANEL	LATERAI DRILLING D		DRILLING DIMENSION FOR BOTTOM FLANGE			
	W	Н	D	TW	H1	D1	W2	D2		
ERCM4018040_2	400	1800	400	414	1685	225	155	210		
ERCM4018050_2	400	1800	500	414	1685	325	155	310		
ERCM4018060_2	400	1800	600	414	1685	425	155	410		
ERCM4018080_2	400	1800	800	414	1685	625	155	610		
ERCM4020040_2	400	2000	400	414	1885	225	155	210		
ERCM4020050_2	400	2000	500	414	1885	325	155	310		
ERCM4020060_2	400	2000	600	414	1885	425	155	410		
ERCM4020080_2	400	2000	800	414	1885	625	155	610		

"SRCM" Series

Features

- Entirely made of AISI 304L stainless steel (Wnr 1.4307).
- Self-supporting composite frame + trestles 20/10 thick bent and drilled to DIN 25mm pitch, can be paneled on all sides.
- Absolutely no through holes to guarantee precision sealing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Reversible front door opening a maximum 120° with 4 internal stainless steel hinges, ergonomic polyamide handle with double wing insert in stainless steel.

- Rear panel integrated in the supporting frame
- Cable inlet flange
- One airtight bottom and higher cable lead flange and removable
- Polyurethane seal with robotised application on all parts that can be opened and removed.
- Profiles on slanting seals to prevent liquids from stagnating.
- Doors with no-cut edges to ensure total operator safety.
- Bolts, screws and accessories external to the seal made entirely in stainless steel.
- Earth sockets according to existing standards.

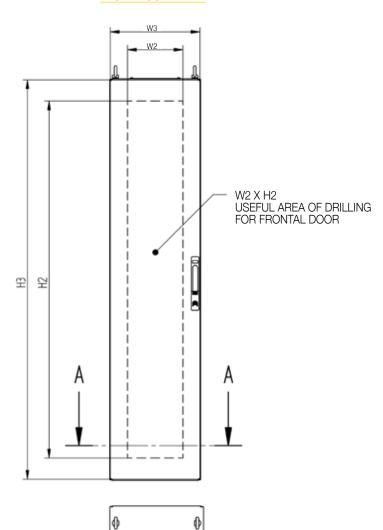
Optionals upon request

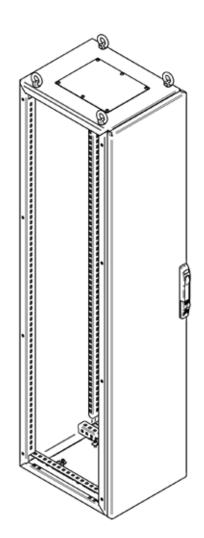
- Other insert types or locks.
- Generic and specific accessories.
- Drilling to drawing on door and side panels.
- Silicone seals resistant to temperatures of -50°C to +120°C.
- Special dimensions
- Products made with AISI 316L or other special steels

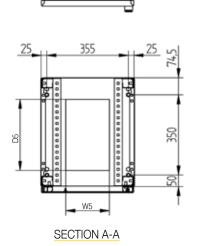


"SRCM" Series

FRONT DOOR DETAIL







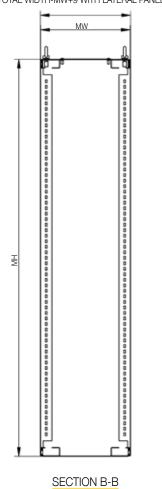
UPPER CLOSURE FLANGE

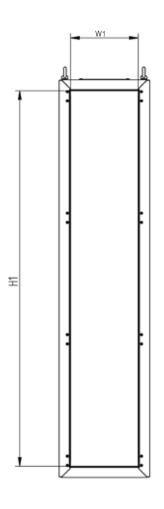
"SRCM" Series

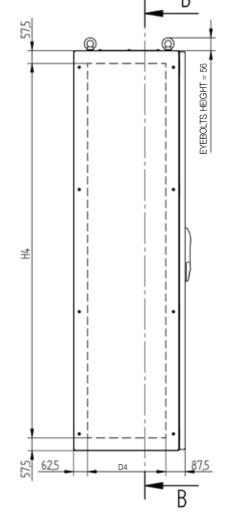
LATERAL VIEW WITH LATERAL PANEL

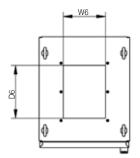
FRONT VIEW WITHOUT DOOR

TOTAL WIDTH-MW+9 WITH LATERAL PANELS









CODE ART.	NOMIN	NAL DIMEN	SIONS	DOORS NO.		AX ISIONS	ENTRY U		WIRING DIMEN (INCLU	SIONS	LATERA DRIL DIMEN	LING	FRONT DIMEN		LATERA DRIL DIMEN	LING	DRIL DIMENSI BOTTOM	ION FOR
	W	Н	D	110.	MW	МН	W1	H1	W2	H2	W3	НЗ	W4	H4	H5	D5	W9	D9
SRCM4018040_2	400	1800	400	1	405	1800	304	1700	240	1600	402	1790	1685	250	190	210	190	140
SRCM4018050_2	400	1800	500	1	405	1800	304	1700	240	1600	402	1790	1685	350	190	310	190	240
SRCM4018060_2	400	1800	600	1	405	1800	304	1700	240	1600	402	1790	1685	450	190	410	190	340
SRCM4020050_2	400	2000	500	1	405	2000	304	1900	240	1800	402	1990	1885	350	190	310	190	240
SRCM4020060_2	400	2000	600	1	405	2000	304	1900	240	1800	402	1990	1885	450	190	410	190	340

PAIR OF SIDE PANELS



Pair of side closing panels for modular cabinets of the EGO and SPEED series made in AlSI 304L stainless steel (Wnr 1.4307) with Scotch-brite type fine satin finish, including stainless steel screws for assembly and foamed polyurethane seal profile.

They are to be mounted at the ends of a module or battery consisting of several modules placed side by side.



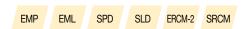
CABINETS VERSION EMP - EML - ERCM-2

CODE	DESCRIPTION
EPL1840	N° 02 PAIR OF SIDE PANELS H=1800 D=400
EPL1850	N° 02 PAIR OF SIDE PANELS H=1800 D=500
EPL1860	N° 02 PAIR OF SIDE PANELS H=1800 D=600
EPL1880	N° 02 PAIR OF SIDE PANELS H=1800 D=800
EPL2040	N° 02 PAIR OF SIDE PANELS H=2000 D=400
EPL2050	N° 02 PAIR OF SIDE PANELS H=2000 D=500
EPL2060	N° 02 PAIR OF SIDE PANELS H=2000 D=600
EPL2080	N° 02 PAIR OF SIDE PANELS H=2000 D=800

CABINETS VERSION SPD - SLD - SRCM

CODE	DESCRIPTION
SPDPL1840	N° 02 PAIR OF SIDE PANELS H=1800 D=400
SPDPL1850	N° 02 PAIR OF SIDE PANELS H=1800 D=500
SPDPL1860	N° 02 PAIR OF SIDE PANELS H=1800 D=600
SPDPL2050	N° 02 PAIR OF SIDE PANELS H=2000 D=500
SPDPL2060	N° 02 PAIR OF SIDE PANELS H=2000 D=600

LIFTING PLINTHS



Lifting plinths made in AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish, available in heights 100 and 200 mm.

Inspectionable on all sides with removable flanges and designed for the mounting of adjustable lifting feet.

(art. SAC008; SAC008_160; CLEAN_SAC008; CLEAN_SAC008/160).

DEMOUNTABLE PLINTHS

Open at the bottom, they can be fitted with a bottom closing flange. They are supplied preassembled or in an assembly kit.



CABINETS VERSION EMP - EML - SPD - SLD

CODE H=100	CODE H=200	DIMENSIONS
SZ10C6040	SZ20C6040	600x400
SZ10C8040	SZ20C8040	800x400
SZ10C10040	SZ20C10040	1000x400
SZ10C12040	SZ20C12040	1200x400
SZ10C16040	SZ20C16040	1600x400
SZ10C6050	SZ20C6050	600x500
SZ10C8050	SZ20C8050	800x500
SZ10C10050	SZ20C10050	1000x500
SZ10C12050	SZ20C12050	1200x500
SZ10C16050	SZ20C16050	1600x500

CODE H=100	CODE H=200	DIMENSIONS
SZ10C6060	SZ20C6060	600x600
SZ10C8060	SZ20C8060	800x600
SZ10C10060	SZ20C10060	1000x600
SZ10C12060	SZ20C12060	1200x600
SZ10C16060	SZ20C16060	1600x600
SZ10C6080	SZ20C6080	600x800
SZ10C8080	SZ20C8080	800x800
SZ10C10080	SZ20C10080	1000x800
SZ10C12080	SZ20C12080	1200x800
SZ10C16080	SZ20C16080	1600x800

CABLE RISERS VERSION ERCM-2 - SRCM

CODE H=100	CODE H=200	DIMENSIONS
SZ10C4040R	SZ20C4040R	400x400
SZ10C4050R	SZ20C4050R	400x500
SZ10C4060R	SZ20C4060R	400x600
SZ10C4080R	SZ20C4080R	400x800

SANITISATION PLINTHS

Closed at the bottom by a closing flange that guarantees a minimum protection level of IP20 and supports the cables leading inside. They are supplied preassembled or in an assembly kit.



CODE H=100	CODE H=200	DIMENSIONS
SZ10S6040	SZ20S6040	600x400
SZ10S8040	SZ20S8040	800x400
SZ10S10040	SZ20S10040	1000x400
SZ10S12040	SZ20S12040	1200x400
SZ10S16040	SZ20S16040	1600x400
SZ10S6050	SZ20S6050	600x500
SZ10S8050	SZ20S8050	800x500
SZ10S10050	SZ20S10050	1000x500
SZ10S12050	SZ20S12050	1200x500
SZ10S16050	SZ20S16050	1600x500

CODE H=100	CODE H=200	DIMENSIONS
SZ10S6060	SZ20S6060	600x600
SZ10S8060	SZ20S8060	800x600
SZ10S10060	SZ20S10060	1000x600
SZ10S12060	SZ20S12060	1200x600
SZ10S16060	SZ20S16060	1600x600
SZ10S6080	SZ20S6080	600x800
SZ10S8080	SZ20S8080	800x800
SZ10S10080	SZ20S10080	1000x800
SZ10S12080	SZ20S12080	1200x800
SZ10S16080	SZ20S16080	1600x800

CABLE RISERS VERSION ERCM-2 - SRCM

CODE H=100	CODE H=200	DIMENSIONS
SZ10S4040R	SZ20S4040R	400x400
SZ10S4050R	SZ20S4050R	400x500
SZ10S4060R	SZ20S4060R	400x600
SZ10S4080R	SZ20S4080R	400x800

BAYONET CABLE INLET FLANGE WITH RUBBER CABLE LEAD (SUBSTITUTING THE STANDARD AIRTIGHT/WATERTIGHT CABLE LEAD PLATE ON THE BOTTOM OF CABINETS)

EMP

EML

SPD

SLD

It consists of 2 elements, made in AISI 304L (Wnr 1.4307) stainless steel to use as a substitution for the standard airtight flange when there are no particular airtightness requirements in this area.

Thanks to a system of seals and to the possibility of adjusting it is so much easier to insert the cables from under the cabinet.

The version for cabinets with door at the front and back is available for the 800 depth.



CODE	DESCRIPTION	DIMENSIONS
SAC001/6040S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=600 D=400 (SUBST.)
SAC001/6050S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=600 D=500 (SUBST.)
SAC001/6060S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=600 D=600 (SUBST.)
SAC001/8040S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=400 (SUBST.)
SAC001/8050S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=500 (SUBST.)
SAC001/8060S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=600 (SUBST.)
SAC001/8080S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=800 (SUBST.)
SAC001/10040S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=1000 D=400 (SUBST.)
SAC001/10050S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=1000 D=500 (SUBST.)
SAC001/10060S	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=1000 D=600 (SUBST.)
SAC001/8080FRS	BOTTOM FLANGE WITH RUBBER CABLE LEAD CABINET	W=800 D=800 FRONT/BACK (SUBST.)

SWIVEL WHEELS KIT

EMP

EML

SPD

4

SLD ERCM-

ERCM-2 SRCM

Kit consisting of 2 swivel wheels and 2 swivel wheels with brakes and AISI 304L (Wnr 1.4307) stainless steel support and rubber tread (maximum weight is 200 kg. each wheel).

To use under all cabinets with or without a plinth.

To assemble it might be necessary to make some holes or fix some electrowelded stud bolts; preparation for this can be requested and done in the factory.



CODE	DESCRIPTION
SAC011	KIT OF 2 SWIVEL WHEELS + 2 SWIVEL WHEELS WITH
	BRAKE IN STAINLESS STEEL

LIFTING FEET KIT

EMP EML SPD SLD ERCM-2 SRCM

LEVELLING FEETS KIT (MOUNTING UNDER FEET)

Adjustable from 50 to 150 mm from the floor. Kit consisting of:

- 4/6 adjustable feet with 20Mrod in AISI 304L stainlesssteel (see table).
- Jointed plate in polyamide that can be anchored to the floor.
- 20M snap-on support in polyamide with female thread that snaps into place under any plinth.
- · Screws for mounting.

CODE	FEETS No.	CHARACTERISTICS
SAC008	4	kit for cabinets W<1600
SAC008_160	6	kit for cabinets W≥1600

HYGIENIC FEETS KIT (MOUNTING UNDER FEET)

They are used in environments where the need for cleanliness and sanitisation is greater, adjustable from 130 to 150 mm from the floor. Kit consisting of:

- 4/6 telescopic feet made entirely in AISI 304L stainless steel with no visible thread (see table).
- Jointed plate in polyamide that can be anchored to the floor.
- 10M snap-on support in polyamide with female thread that snaps into place under any plinth.
- · Screws for mounting.

CODE	FEETS No.	CHARACTERISTICS
CLEAN_SAC008	4	kit for cabinets W<1600
CLEAN_SAC008/160	6	kit for cabinets W≥1600

HYGIENIC FEET KIT (MOUNTING WITHOUT FEET)

They are used in environments where the need for cleanliness and sanitisation is greater. They can be mounted directly under the cabinet without a plinth, adjustable from 130 to 180 mm from the floor.

To assemble it might be necessary to make some holes or fix some electrowelded stud bolts; preparation for this can be requested and done in the factory. Kit consisting of:

- 4/6 telescopic feet made entirely in AISI 304L stainless steel with no visible thread (see table).
- System of fixing under cabinet with screws.
- · Screws for mounting.

CODE	FEETS No.	CHARACTERISTICS
CLEAN_SAC034	4	kit for cabinets W<1600
CLEAN_SAC034/160	6	kit for cabinets W≥1600







KIT OF STIFFENING EYEBOLTS FOR LIFTING CABINETS

EMP EML SPD SLD

Accessory recommended for stiffening the coupling device between 2 cabinets of the EGO and SPEED series during lifting and transporting.

The kit consists of 2 sturdy brackets in hot galvanised sheet and relative bolts and screws and they replace the eyebolts adjacent to the side-by-side point.

It is necessary for heavy weights and cabinet batteries of 3 or more modules.

CODE	DESCRIPTION
EAC068	"L" SHAPED EYEBOLTS KIT FOR LIFTING EGO
	AND SPEED CABINETS



COMPENSATION PLATE AS A SUPPORT FOR THE WIRING PLATES OF CABINETS WITH FIXING MATERIAL

EMP EML SPD SLD

Shaped galvanised plates designed to provide continuity to the wiring plates of the EGO and SPEED series of cabinets.

They can be used for bench pre-wiring because, thanks to specific stiffening profiles and bolts and screws, a single, sufficiently rigid surface can be obtained which can be fitted in the cabinet sideways, using the sliding guide kit, art. SAC037_____.

It also means the wiring surface can be increased on cabinets with the base plate already assembled; in this case the stiffening profiles

do not have to be used but only the bolts and screws supplied in the kit. By using the compensation plate the useful space between the base plate and the inside of the door is reduced by 50 mm.



CABINETS EMP - EML - SPD - SLD VERSION (ONLY TOGETHER WITH EACO37)

CODE	DESCRIPTION
EAC004	GALVANISED COMPENSATION PLATE KIT W=107 H=1800
EAC005	GALVANISED COMPENSATION PLATE KIT W=107 H=2000

CABINETS EMP - EML - SPD - SLD VERSION WITH WIRING PLATE WIDENED (ONLY TOGETHER WITH EAC037)

Optional for wiring plates before inserting inside cabinets.

CODE	DESCRIPTION
EAC004_M	COMPENSATION KIT H=1800
EAC005_M	COMPENSATION KIT H=2000

CABINETS SPD - SLD VERSION FOR FRONT INSERTION

CODE	DESCRIPTION
EAC004_F	GALVANISED COMPENSATION PLATE KIT W=107 H=1800
EAC005_F	GALVANISED COMPENSATION PLATE KIT W=107 H=2000

COUPLING KIT NECESSARY FOR ASSEMBLING 2 CABINETS

EMP EML SPD SLD ERCM-2 SRCM

Accessory necessary for coupling 2 or more modules of the EGO and SPEED series.

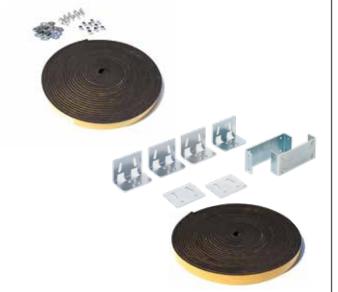
Coupling kit guarantees the integrity of the level of protection declared on each single module.

CABINETS VERSION EMP - EML

Art. EAC010P is recommended for all cabinet depths except for the 800 mm depth and consists of 4 angle irons, 2 vertical central ones, seal and bolts and screws.

Art. EAC010PP is recommended for supporting cabinets that are 800 mm or more in depth and for heavy loads. It consists of 4 angle irons, 2 vertical central ones, 2 horizontal central ones, seal and screws.

CODE	DESCRIPTION
EAC010P	COUPLING KIT TO USE WITH
	CABINETS D=400/500/600
EAC010PP	HEAVY DUTY TYPE CABINET COUPLING KIT TO USE
	WITH CABINETS D=800

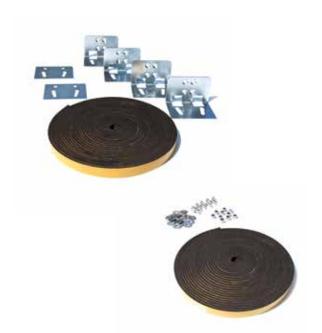


CABINETS VERSION SPD - SLD

Art. ASPD010 is used when coupling of the modules is performed directly by the company. It consists of seal, screws and where appropriate by vertical central ones.

Art. ASPD010P is supplied in kit to assemble when coupling of the modules is performed directly by the user. It consists of 4 angle irons, 2 vertical central ones, seal and screws.

CODE	DESCRIPTION
ASPD010	COUPLING STANDARD KIT TO USE IF THE CABINET IS
	PERFORMED BY THE COMPANY
ASPD010P	HEAVY DUTY TYPE CABINET COUPLING KIT TO USE IF
	THE CABINET IS PERFORMED BY THE USER



SLIDING GUIDES FOR INSERTING WIRING PLATES SIDEWAYS

EMP EML SPD SLD

Accessory designed to facilitate insertion of the wiring plates in the EGO and SPEED series of cabinets.

It is used for single modules and on batteries where there are several modules side-by-side, in this case the plate has to be mounted with the plate coupling kit art. EAC004 /EAC005 and art. EAC004_M / EAC005_M. The kit are composed one bottom bracket, one top bracket and the necessary screws for fixing.

The accessory must be ordered together with the cabinet code because the wiring plate is supplied with the rollers that help its insertion, reducing sliding friction.

Sideways insertion reduces the useful depth between the wiring plate and inside the door.

CODE	DESCRIPTION
EAC037/60	SLIDING GUIDES FOR INSERTING WIRING PLATES
	SIDEWAYS FOR CABINET W=600 MM
EAC037/80	SLIDING GUIDES FOR INSERTING WIRING PLATES
	SIDEWAYS FOR CABINET W=800 MM
EAC037/100	SLIDING GUIDES FOR INSERTING WIRING PLATES
	SIDEWAYS FOR CABINET W=1000 MM



PARTITION BAFFLES BETWEEN 2 CABINETS

EMP EML SPD SLD

Galvanised sheet panel for use inside the control panel, used to create a mechanical separation (IP20) between 2 cabinets of the EGO and SPEED series placed side-by-side, complete with bolts and screws for their assembly.

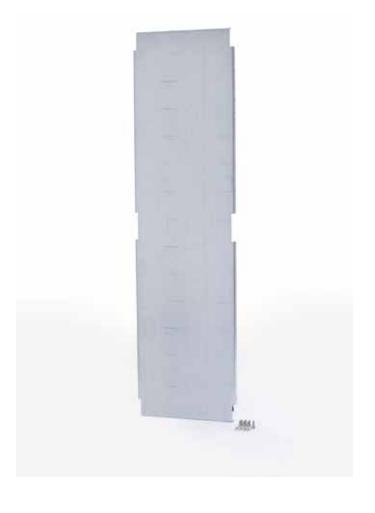
If the baffles partition are used, then it will not be possible to mount the galvanised compensation plate kit art. EAC004 / art. EAC005 on the same configuration.

CABINETS VERSION EMP - EML

CODE	DESCRIPTION
EMS184	PARTITION BAFFLES H=1800 D=400
EMS185	PARTITION BAFFLES H=1800 D=500
EMS186	PARTITION BAFFLES H=1800 D=600
EMS188	PARTITION BAFFLES H=1800 D=800
EMS204	PARTITION BAFFLES H=2000 D=400
EMS205	PARTITION BAFFLES H=2000 D=500
EMS206	PARTITION BAFFLES H=2000 D=600
EMS208	PARTITION BAFFLES H=2000 D=800

CABINETS VERSION SPD - SLD

CODE	DESCRIPTION
SPMS184	PARTITION BAFFLES H=1800 D=400
SPMS185	PARTITION BAFFLES H=1800 D=500
SPMS186	PARTITION BAFFLES H=1800 D=600
SPMS204	PARTITION BAFFLES H=2000 D=400
SPMS205	PARTITION BAFFLES H=2000 D=500
SPMS206	PARTITION BAFFLES H=2000 D=600



HINGED INNER DOOR KIT

EMP EML SPD SLD

Hinged interior door made in AISI 304L (Wnr 1.4307) stainless steel Scotch-brite fine satin finish. They are fixed internally 75 mm from the external door (other fixing depths on request); guarantees an IP20 protection level thanks to the closing frame supplied with it.

There are $2\frac{1}{4}$ turn locks with double wing insert; for cabinets with 1 door, opening can be reversed while for those with 2 doors (with centre upright) the hinges are on the sides of the cabinets and they closed towards the centre.

Supplied in an assembly kit or preassembled. Drillings to drawing can be requested. The maximum recommended weight to apply on the door is 35 kg.

CODE	DESCRIPTION
EKCP6018	INNER DOOR KIT EGO/SPEED CABINET W=600 H=1800
EKCP6020	INNER DOOR KIT EGO/SPEED CABINET W=600 H=2000
EKCP8018	INNER DOOR KIT EGO/SPEED CABINET W=800 H=1800
EKCP8020	INNER DOOR KIT EGO/SPEED CABINET W=800 H=2000
EKCP1018	INNER DOOR KIT EGO/SPEED CABINET W=1000 H=1800
EKCP1020	INNER DOOR KIT EGO/SPEED CABINET W=1000 H=2000
EKCP1218	INNER DOOR KIT EGO/SPEED CABINET W=1200 H=1800
	ASSEMBLY ON VERSION WITH CENTRE UPRIGHT
EKCP1220	INNER DOOR KIT EGO/SPEED CABINET W=1200 H=2000
	ASSEMBLY ON VERSION WITH CENTRE UPRIGHT
EKCP1618	INNER DOOR KIT EGO/SPEED CABINET W=1600 H=1800
	ASSEMBLY ON VERSION WITH CENTRE UPRIGHT
EKCP1620	INNER DOOR KIT EGO/SPEED CABINET W=1600 H=2000
	ASSEMBLY ON VERSION WITH CENTRE UPRIGHT



PRIORITY OPENING KIT

EMP EML SPD SLD

Accessory designed so that opening priority can be given between 2 doors with adjacent closing.

To use in cabinets to 2 doors with centre upright. Supplied in an assembly kit or pre-assembled on request.

CODE	DESCRIPTION
SAC068	PRIORITY OPENING DOORS KIT FOR EGO/SPEED CABINET



MODULE FOR DISCONNECTOR LEVER FOR THE NORTH AMERICAN MARKET

SPD

EMP

Cabinet with one door derived from the EGO and SPEED modular series, made of AISI 304L stainless steel (Wnr 1.4307) according to NEMA, standard reference for USA and North America safety requirements.

The supply includes:

- Cabinet frame with rear panel;
- Door (W door = W cabinet 200 mm) which must be the priority door on a cabinet battery;
- Mounting plate with front insertion (we recommend the optional for sideways insertion art. EAC037_60, EAC037_80, EAC037_100);
- Removable sealing cable gland plate on the bottom
- Removable front upright;
- Front panel screwed W= 200 mm with pre-drilling for control lever of the following switches:
 - Allen Bradley 1494 U-HM1
 - Square D 9422 A1
 - General Electric TDA type 1 and 2
 - Eaton NZM serie
 - Siemens ITE MAX FLEX ®

NOMINAL CABINET WIDTH	NOMINAL DOOR WIDTH
600 mm	400 mm
800 mm	600 mm
1000 mm	800 mm



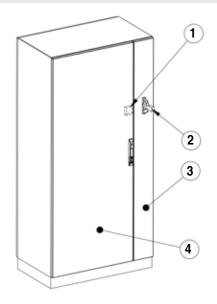
For orders, it is recommended to create the code by using the following diagram, it consists of the cabinet code + suffix _PSER (door with handle on the right) and _PSEL (door with handle on the left).

Example:

EMP6018050_PSER / SPD6018050_PSER

EMP6018050_**PSEL** / SPD6018050_**PSEL**

Check cabinets code of reference to page 6 for EMP series and to page 20 for SPD series.



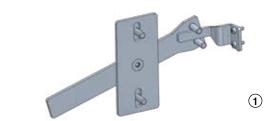
This type of cabinet being usually combined with other modules in a battery and to comply with the NEMA requirements must provide the use of an interlocks kit, which prevents the opening of the secondary doors of the other modules in battery-mounted cabinet, if the opening of the priority door is not previously opened.

Consult the following diagram for more details:

- 1 LOCK LEVER
- (2) SWITCHES LEVERS (NOT SUPPLIED)
- **3** PANEL
- (4) DOOR

INTERBLOCK KIT FOR PRIORITY DOORS OPENING IN THE BATTERY-MOUNTED CABINETS

This device is used to lock the priority door, controlling the secondary doors opening, in the battery-mounted cabinets.

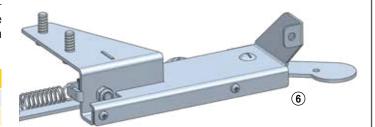


PRIMARY INTERLOCK

(6)

Mechanical drive to be fitted to the priority door of the module to command the opening of the secondary doors in the battery-mounted cabinets.

CODE	DESCRIPTION
AMCR	ASSEMBLY ON MODULE TO RIGHT
AMCL	ASSEMBLY ON MODULE TO LEFT



TRANSMISSION MECHANISM



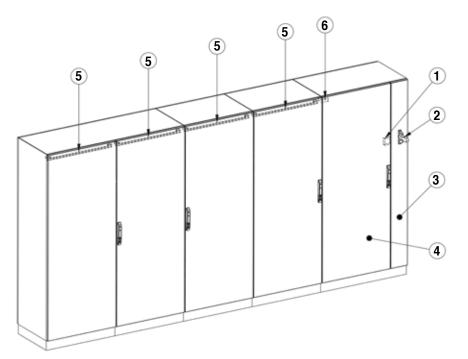
It transmits the opening or closing status of the priority door to the secondary doors in the battery-mounted cabinets, so that secondary doors can be opened after the opening of the priority door. It is usable both for right-hand modules and for modules positioned on the left.

CODE	MODULE DIMENSION
AAM600	W=600 mm
AAM800	W=800 mm
AAM1000	W=1000 mm



* Technical note:

For double door cabinets, with or without central upright, it is necessary to buy 2 transmission mechanism.



- 1 LOCK LEVER
- 2 SWITCHES LEVERS (NOT SUPPLIED)
- 3 PANEL
- (4) PRIORITY DOOR
- **5** TRANSMISSION MECHANISM
- **6** PRIMARY INTERLOCK

OPEN DOOR LOCKING DEVICE

EMP

EML

SPD

SLD

Device that keeps the doors open, avoiding accidental closing. It can be supplied in an assembly kit or preassembled upon request.

Assembly on site might require holes or the application of electrowelded studs.

CODE	DESCRIPTION
SAC048	DOOR OPEN INTERLOCK FOR EGO/SPEED CABINETS



REAR DOOR KIT FOR CABINETS

EMP

EML

The rear panel in the EGO versions can be replaced, without drilling or modifying anything, by a door with hinges made in AISI 304L (WNR 1.4307) stainless steel scotchbrite type fine satin finish with characteristics exactly the same as the front door.

The rear door can be assembled in the factory or supplied in a kit for the end customer to assemble (in this case the price has to be asked for).

For cabinets with 2 doors W=1600~mm an adapting kit is needed on the centre upright so you need to pay particular attention to the ordering code which is specific for 2-doors cabinets W=1600~mm.

For 1200 mm widths, the rear door kit is not contemplated in the standard configuration but is available on request (special version to assemble in the factory).

CODE	DESCRIPTION
EPP6018	REAR DOOR W=600 H=1800 (EXTRA CHARGE)
EPP6020	REAR DOOR W=600 H=2000 (EXTRA CHARGE)
EPP8018	REAR DOOR W=800 H=1800 (EXTRA CHARGE)
EPP8020	REAR DOOR W=800 H=2000 (EXTRA CHARGE)
EPP1018	REAR DOOR W=1000 H=1800 (EXTRA CHARGE)
EPP1020	REAR DOOR W=1000 H=2000 (EXTRA CHARGE)
EPP1618	REAR DOOR W=800 H=1800 N.02 PIECES +
	UPRIGHTS KIT (EXTRA CHARGE)
EPP1620	REAR DOOR W=600 H=2000 N.02 PIECES +
	UPRIGHTS KIT (EXTRA CHARGE)



19" SWING RACK FRAME FOR CABINETS W=800

EMP

EML

SLD

Made in AISI 304L (Wnr 1.4307) and designed for 19" rack instrument applications inside the 800 mm wide cabinets of the EGO and SPEED series.

The rotation axis should be about one third of the width (from the hinge side) so that instruments up to 475 mm in depth can be housed.

The capacity of the 19" swing rack frame on cabinet H=1800 mm is 35 pieces he and 40 pieces HE on cabinet H=2000 mm. The distance from outside the frame to inside the door is 70 mm.

We recommend having the 19" swing rack frame applied in the factory and using the bayonet cable lead flange with rubber cable leads, art. SAC001/80_S in place of the standard cable inlet flange.

0005	PECOPIETION
CODE	DESCRIPTION
EACRACK8018	19" SWING RACK FRAME 800x1800 35 U HE
EACRACK8020	19" SWING RACK FRAME 800x2000 40 U HE



19" FIXED RACK FRAME FOR CABINETS W=800

EMP

EML

SPD

SLD

Stiff frames made in AISI 304L (Wnr 1.4307) and designed for 19" rack instrument applications inside the 800 mm wide cabinets of the EGO and SPEED series for housing very deep instruments.

The depth and horizontal axis can be adjusted. The capacity of the 19" fixed rack frame on cabinet H=1800 mm is 37 pieces HE and 42 pieces HE on cabinet h=2000 mm.

To use in place of the swivel rack frame when you do not have to continuously access the back of the instrument rack from the front of the cabinet.

Supplied in an assembly kit.

CODE	DESCRIPTION
EACTRACK8018	19" FIXED RACK FRAME 800x1800 37 U HE
EACTRACK8020	19" FIXED RACK FRAME 800x2000 42 U HE



PAIR OF 19" RACK UPRIGHTS W=600

EMP

EML

SPD

SLD

Kit consisting of 2 shaped profiles made in AISI 304L (Wnr 1.4307), pre-drilled at a pitch for 19" rack instrument applications inside 600 mm wide cabinets of the EGO and SPEED series.

The capacity of the 19" rack uprights on cabinets H=1800 mm is 37 pieces HE and 42 pieces HE on cabinets H=2000 mm.

Supplied in an assembly kit.



CODE	DESCRIPTION
EACMRACK6018	PAIR OF 19" RACK UPRIGHTS 600x1800 37 U HE
EACMRACK6020	PAIR OF 19" RACK UPRIGHTS 600x2000 42 U HE

PAIR OF BAR SUPPORTING BRACKETS

EMP

EML

SPD

SLD

Pair of depth adjustable din bar supporting brackets in AISI 304L (WNR 1.4307) stainless steel for fixing modular switches.

We recommend using one pair for each slotted panel of the frame kit for modular switches of the EKIM_/SKIM_series. Supplied in an assembly kit.

CODE	DESCRIPTION
KSDIN	PAIR OF BAR SUPPORTING BRACKETS WITH ACCESSORIES
	FOR ADJUSTING IN DEPTH AND STAINLESS STEEL BOLTS
	AND SCREWS (DIN BAR NOT INCLUDED)



MODULAR SWITCHES KIT

EMP EML SPD SLD

System for mounting modular switches inside EGO and SPEED series cabinets made in AISI 304L (Wnr 1.4307) stainless steel with Scotch-brite type fine satin finish.

Consisting of a frame with vertical uprights pre-drilled at 25 mm DIN pitch and solid screwed or slotted panels with H=46 mm slit for housing the most popular types of switches on the market. The slotted panels are H=200 mm and have a capacity of 23 modules per cabinet W=600 and 34 modules per cabinet W=800.

The solid panels are 200, 400 or 600 mm high and can be drilled to drawing.

The 1800 mm high cabinets have a useful frame height of 1600 mm and 2 closing panels H=50 mm to assemble as the top and bottom ends.

The 2000 high cabinets have a useful frame height of 1800 mm and 2 closing panels H=50 mm to assemble as the top and bottom ends.

The number and type of screwed panels (the panels are included in the kit) are to be requested in the purchase order by means of a description, diagram or code and number of panels (please see the relative section for panel codes).

We recommend having the frame applied in the factory while the panels are supplied in an assembly kit.

The cabinets with pre-drilled frame for modular switch panels are supplied without the complete or partial inside wiring plate which is an optional for this configuration only.



CABINETS VERSION EMP - EML

CODE	DESCRIPTION
EKIM6018	PREDRILLED FRAME N.08 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS
EKIM6020	PREDRILLED FRAME N.09 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS
EKIM8018	PREDRILLED FRAME N.08 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS
EKIM8020	PREDRILLED FRAME N.09 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS

CABINETS VERSION SPD - SLD

CODE	DESCRIPTION
SKIM6018	PREDRILLED FRAME N.08 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS
SKIM6020	PREDRILLED FRAME N.09 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS
SKIM8018	PREDRILLED FRAME N.08 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS
SKIM8020	PREDRILLED FRAME N.09 PANELS AND STAINLESS
	STEEL BOLTS AND SCREWS

SOLID PANELS FOR MODULAR SWITCH FRAME (SPARE PART)

EMP EML SPD SLD

Solid panels made in AISI 304L (WNR 1.4307) stainless steel with a Scotch-brite type fine satin finish to screw on to the modular switch frame 600 and 800 mm widths of the EGO and SPEED series of cabinets.

The panels are normally supplied together with the modular switch frame code and are 200, 400 and 600 mm high.

They can be drilled to drawing upon request.



CODE	DESCRIPTION
EPC600200	SOLID PANELS H=200 FOR CABINET W=600
EPC800200	SOLID PANELS H=200 FOR CABINET W=800
EPC600400	SOLID PANELS H=200 FOR CABINET W=600
EPC800400	SOLID PANELS H=200 FOR CABINET W=800
EPC600600	SOLID PANELS H=200 FOR CABINET W=600
EPC800600	SOLID PANELS H=200 FOR CABINET W=800

SLOTTED PANELS FOR MODULAR SWITCH FRAME (SPARE PART)

EMP EML SPD SLD

Slotted panels made in AISI 304L (WNR 1.4307) stainless steel with a scotch-brite type fine satin finish to screw on to the modular switch frame (art. EKIM_ / SKIM_) for 600 and 800 mm widths of the EGO and SPEED series cabinets.

The panels are normally supplied together with the modular switch frame code.



CODE	DESCRIPTION
EPF600200	DRILLED PANEL H=200 FOR CABINET W=600
	CAPACITY 23 MODULES
EPF800200	DRILLED PANEL H=200 FOR CABINET W=800
	CAPACITY 34 MODULES

PARTIAL WIRING PLATE KIT

EMP

EML

SPD SLD

Accessory used in the EGO and SPEED series cabinets so as to have a partial wiring plate sliding in depth, located in a specific area of the cabinet.

This device is normally subject to use of the modular switches kit (art. EKIM / SKIM).

The kit consists of 4 shaped brackets for fixing in the depth of the cabinet and a partial wiring plate that can be adjusted in depth, it is all made in hot galvanised sheet.

The heights available are 200, 400, 600 and 800 mm, the widths are dedicated to the W=600 and 800 mm cabinets while the depths cover the whole EGO and SPEED range.



CODE	DESCRIPTION
EKPFMOD624	PARTIAL WIRING PLATE 600x200x400
EKPFMOD625	PARTIAL WIRING PLATE 600x200x500
EKPFMOD626	PARTIAL WIRING PLATE 600x200x600
EKPFMOD628	PARTIAL WIRING PLATE 600x200x800
EKPFMOD644	PARTIAL WIRING PLATE 600x400x400
EKPFMOD645	PARTIAL WIRING PLATE 600x400x500
EKPFMOD646	PARTIAL WIRING PLATE 600x400x600
EKPFMOD648	PARTIAL WIRING PLATE 600x400x800

CODE	DESCRIPTION
EKPFMOD824	PARTIAL WIRING PLATE 800x200x400
EKPFMOD825	PARTIAL WIRING PLATE 800x200x500
EKPFMOD826	PARTIAL WIRING PLATE 800x200x600
EKPFMOD828	PARTIAL WIRING PLATE 800x200x800
EKPFMOD844	PARTIAL WIRING PLATE 800x400x400
EKPFMOD845	PARTIAL WIRING PLATE 800x400x500
EKPFMOD846	PARTIAL WIRING PLATE 800x400x600
EKPFMOD848	PARTIAL WIRING PLATE 800x400x800

PAIR OF BRACKETS PRE-DRILLED IN DEPTH FOR EQUIPPING THE INSIDE OF CABINETS

EMP

EML

SPD

SLD

Profiled and pre-drilled brackets for fixing inside in the depth of the EGO and SPEED series of cabinets, made in galvanised sheet, allowing rational equipping of the inside of the control panel.



CABINETS VERSION EMP - EML

CODE	DESCRIPTION
EAC051_400	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=400 FOR EGO CABINET
EAC051_500	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=500 FOR EGO CABINET
EAC051_600	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=600 FOR EGO CABINET
EAC051_800	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=800 FOR EGO CABINET

CABINETS VERSION SPD - SLD

CODE	DESCRIPTION
SPAC051_400	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=400 FOR SPEED CABINET
SPAC051_500	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=500 FOR SPEED CABINET
SPAC051_600	PAIR OF BRACKETS PRE-DRILLED IN DEPTH D=600 FOR SPEED CABINET

OVERDOOR IN TRANSPARENT LEXAN

EMP EML SPD SLD

Transparent doors made of AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish. They are used for protecting with an IP66 protection level drillings or instruments.

The transparent shock-resistant Lexan panel lets you see the devices mounted under overdoor. Overdoor opening is reversible and it cab be 90° or 180°, depending on the application.

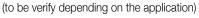
It is supplied in an assembly kit with template for drilling on site or preassembled on request. They can be mounted on any product with a big enough surface in order to ensure the fixing (to be verify with the technical department).

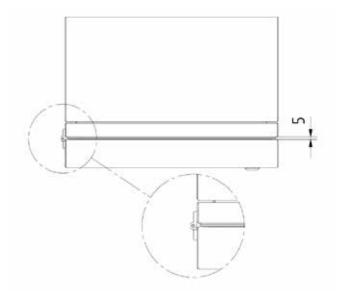
CODE	DESCRIPTION	POINT OF CLOSURE NO.
SVPN30306U	OVERDOOR W=300 H=300	1
SVPN30386U	OVERDOOR W=300 H=380	1
SVPN30456U	OVERDOOR W=300 H=450	2
SVPN38306U	OVERDOOR W=380 H=300	1
SVPN38386U	OVERDOOR W=380 H=380	1
SVPN38606U	OVERDOOR W=380 H=600	2
SVPN40506U	OVERDOOR W=400 H=500	2
SVPN45306U	OVERDOOR W=450 H=300	1
SVPN45456U	OVERDOOR W=450 H=450	2
SVPN45606U	OVERDOOR W=450 H=600	2
SVPN50706U	OVERDOOR W=500 H=700	2
SVPN60386U	OVERDOOR W=600 H=380	2
SVPN60456U	OVERDOOR W=600 H=450	2
SVPN60606U	OVERDOOR W=600 H=600	2
SVPN60756U	OVERDOOR W=600 H=750	2
SVPN60906U***	OVERDOOR W=600 H=900	2
SVPN601206U***	OVERDOOR W=600 H=1200	2
SVPN75756U***	OVERDOOR W=750 H=750	2
SVPN751006U***	OVERDOOR W=750 H=1000	2
SVPN801206U***	OVERDOOR W=800 H=1200	2
SVPN90606U***	OVERDOOR W=900 H=600	2



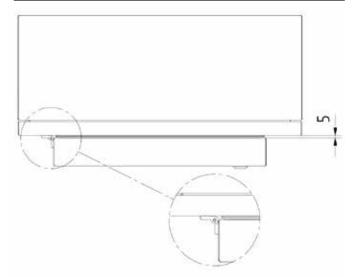


HINGES MOUNTING WITH 180° PROTECTION WINDOW OPENING



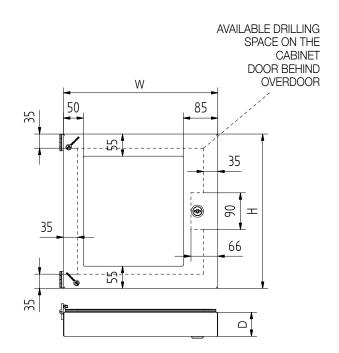


HINGES MOUNTING WITH 90° PROTECTION WINDOW OPENING

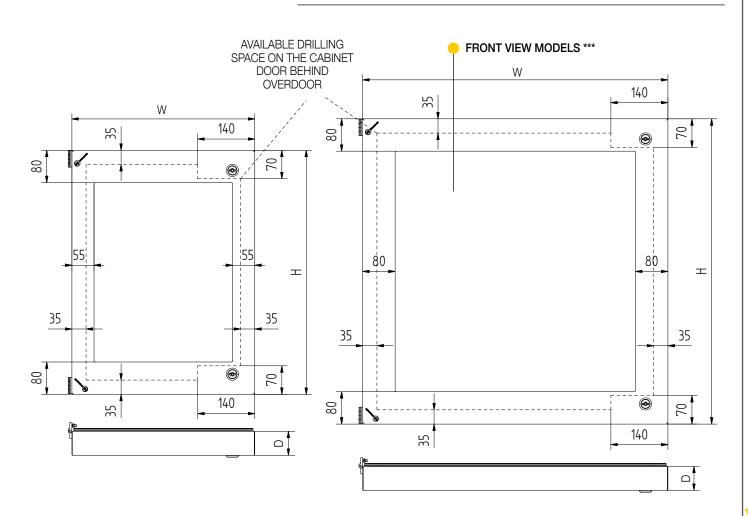




VERSION WITH 1 CLOSING POINT



VERSION WITH 2 CLOSING POINTS



CABLE COMPARTMENT H=200 ON TOP

EMP EML SPD SLD ERCM-2 SRCM

Cable compartment H=200 mm in AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish, inspectionable on all sides, closed with a flange at the top with IP20 protection level.

In the EGO and SPEED series cabinets in battery, the side flanges mustn't be mounted because the 2 adjacent compartment are connected.

It can be used as an enclosure for cables or distribution bars or simply as a cover for devices mounted on the top.

It has a system that allows the cabinet to be lifted on eyebolts located above the compartment.

It is supplied in an assembly kit or pre-assembled on request.



CABINETS VERSION EMP - EML - SPD - SLD

CODE	DESCRIPTION
STVP06040	TOP COMPARTMENT H=200 CABLE INLET 600x400
STVP08040	TOP COMPARTMENT H=200 CABLE INLET 800x400
STVP10040	TOP COMPARTMENT H=200 CABLE INLET 1000x400
STVP12040	TOP COMPARTMENT H=200 CABLE INLET 1200x400
STVP16040	TOP COMPARTMENT H=200 CABLE INLET 1600x400
STVP06050	TOP COMPARTMENT H=200 CABLE INLET 600x500
STVP08050	TOP COMPARTMENT H=200 CABLE INLET 800x500
STVP10050	TOP COMPARTMENT H=200 CABLE INLET 1000x500
STVP12050	TOP COMPARTMENT H=200 CABLE INLET 1200x500
STVP16050	TOP COMPARTMENT H=200 CABLE INLET 1600x500

NOTE:

- It can be applied to the SPEED series cabinets by mounting it on the inverted module.
- It can not be bought individually but just coupled to the module.

CABLE RISERS VERSION ERCM-2 - SRCM

CODE	DESCRIPTION
STVP04040	TOP COMPARTMENT CABLE RISERS H=200 DIMENSIONS 400X400
STVP04050	TOP COMPARTMENT CABLE RISERS H=200 DIMENSIONS 400X500
STVP04060	TOP COMPARTMENT CABLE RISERS H=200 DIMENSIONS 400X600
STVP04080	TOP COMPARTMENT CABLE RISERS H=200 DIMENSIONS 400X800

CODE	DESCRIPTION
STVP06060	TOP COMPARTMENT H=200 CABLE INLET 600x600
STVP08060	TOP COMPARTMENT H=200 CABLE INLET 800x600
STVP10060	TOP COMPARTMENT H=200 CABLE INLET 1000x600
STVP12060	TOP COMPARTMENT H=200 CABLE INLET 1200x600
STVP16060	TOP COMPARTMENT H=200 CABLE INLET 1600x600
STVP06080	TOP COMPARTMENT H=200 CABLE INLET 600x800
STVP08080	TOP COMPARTMENT H=200 CABLE INLET 800x800
STVP10080	TOP COMPARTMENT H=200 CABLE INLET 1000x800
STVP12080	TOP COMPARTMENT H=200 CABLE INLET 1200x800
STVP16080	TOP COMPARTMENT H=200 CABLE INLET 1600x800

SANITARY RAIN ROOF

EMP EML SPD SLD ERCM-2 SRCM

Roofs made in AISI 304L (Wnr 1.4307) stainless steel satin finish Scotch-Brite type. They are used to protect cabinets exposed to frequent washing or in areas that require frequent cleaning.

In this way the seals are protected from aging and reduce the chances of dirt.

It inclined at 30° towards the front and prevents objects to be placed upon.

They are not applicable for the cabinets with depth 800 mm.

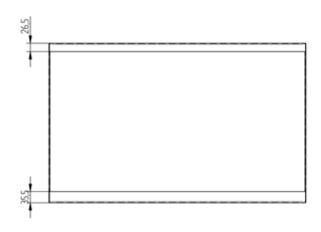
They are suitable for SCS and SLS series compact cabinets.

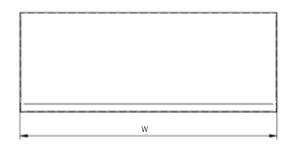
They are supplied in assembly kit with the corresponding template for drilling on site or pre-assembled on request.

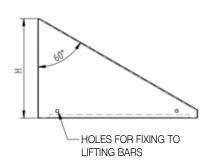


CODE	DESCRIPTION
TTPN4040H	RAIN ROOF FOR MODULES W=400 H=400
TTPN4050H	RAIN ROOF FOR MODULES W=400 H=500
TTPN4060H	RAIN ROOF FOR MODULES W=400 H=600
TTPN6040H	RAIN ROOF FOR MODULES W=600 H=400
TTPN6050H	RAIN ROOF FOR MODULES W=600 H=500
TTPN6060H	RAIN ROOF FOR MODULES W=600 D=600
TTPN8040H	RAIN ROOF FOR MODULES W=800 D=400
TTPN8050H	RAIN ROOF FOR MODULES W=800 D=500
TTPN8060H	RAIN ROOF FOR MODULES W=800 D=600

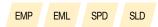
CODE	DESCRIPTION
TTPN10040H	RAIN ROOF FOR MODULES W=1000 D=400
TTPN10050H	RAIN ROOF FOR MODULES W=1000 D=500
TTPN10060H	RAIN ROOF FOR MODULES W=1000 D=600
TTPN12040H	RAIN ROOF FOR MODULES W=1200 D=400
TTPN12050H	RAIN ROOF FOR MODULES W=1200 D=500
TTPN12060H	RAIN ROOF FOR MODULES W=1200 D=600
TTPN16040H	RAIN ROOF FOR MODULES W=1600 D=400
TTPN16050H	RAIN ROOF FOR MODULES W=1600 D=500
TTPN16060H	RAIN ROOF FOR MODULES W=1600 D=600







WIRING PLATE



Wiring plates in galvanised sheet for EGO and SPEED series cabinets.

They are to be considered a spare part or additional because all cabinets have a wiring plate.

The additional version is used in the cabinets with the back door for double wiring surface.

The widened version allows to extend wiring surface without changing the configuration of the cabinet.



SPARE PART VERSION

CODE	DESCRIPTION
SPF060180	WIRING PLATE W=600 H=1800
SPF060200	WIRING PLATE W=600 H=2000
SPF080180	WIRING PLATE W=800 H=1800
SPF080200	WIRING PLATE W=800 H=2000
SPF100180	WIRING PLATE W=1000 H=1800
SPF100200	WIRING PLATE W=1000 H=2000
SPF120180	WIRING PLATE W=1200 H=1800
SPF120200	WIRING PLATE W=1200 H=2000
SPF160180	WIRING PLATE W=1600 H=1800
SPF160200	WIRING PLATE W=1600 H=2000

WIDENED VERSION IN SUBSTITUTION OF THE STANDARD WIRING PLATE

CODE	DESCRIPTION
SPF060180_M	WIRING PLATE W=600 H=1800
SPF060200_M	WIRING PLATE W=600 H=2000
SPF080180_M	WIRING PLATE W=800 H=1800
SPF080200_M	WIRING PLATE W=800 H=2000
SPF100180_M	WIRING PLATE W=1000 H=1800
SPF100200_M	WIRING PLATE W=1000 H=2000
SPF120180_M	WIRING PLATE W=1200 H=1800
SPF120200_M	WIRING PLATE W=1200 H=2000
SPF160180_M	WIRING PLATE W=1600 H=1800
SPF160200_M	WIRING PLATE W=1600 H=2000

ADDITIONAL VERSION FOR FRONT INSERTION

The version with the _AS suffix includes the slides for front insertion and relative brackets for fixing to the cabinet.

CODE	DESCRIPTION
SPF060180_AS	WIRING PLATE FRONT INSERTION W=600 H=1800
SPF060200_AS	WIRING PLATE FRONT INSERTION W=600 H=2000
SPF080180_AS	WIRING PLATE FRONT INSERTION W=800 H=1800
SPF080200_AS	WIRING PLATE FRONT INSERTION W=800 H=2000
SPF100180_AS	WIRING PLATE FRONT INSERTION W=1000 H=1800
SPF100200_AS	WIRING PLATE FRONT INSERTION W=1000 H=2000
SPF120180_AS	WIRING PLATE FRONT INSERTION W=1200 H=1800
SPF120200_AS	WIRING PLATE FRONT INSERTION W=1200 H=2000
SPF160180_AS	WIRING PLATE FRONT INSERTION W=1600 H=1800
SPF160200 AS	WIRING PLATE FRONT INSERTION W=1600 H=2000

ADDITIONAL VERSION FOR SIDE INSERTION

The version with the _AR suffix includes the rollers for sideways insertion while the sliding guide kit, depending on the width of the plate itself, is to be ordered separately (art. EAC037/___).

CODE	DESCRIPTION
SPF060180_AR	WIRING PLATE SIDE INSERTION W=600 H=1800
SPF060200_AR	WIRING PLATE SIDE INSERTION W=600 H=2000
SPF080180_AR	WIRING PLATE SIDE INSERTION W=800 H=1800
SPF080200_AR	WIRING PLATE SIDE INSERTION W=800 H=2000
SPF100180_AR	WIRING PLATE SIDE INSERTION W=1000 H=1800
SPF100200_AR	WIRING PLATE SIDE INSERTION W=1000 H=2000
SPF120180_AR	WIRING PLATE SIDE INSERTION W=1200 H=1800
SPF120200_AR	WIRING PLATE SIDE INSERTION W=1200 H=2000
SPF160180_AR	WIRING PLATE SIDE INSERTION W=1600 H=1800
SPF160200_AR	WIRING PLATE SIDE INSERTION W=1600 H=2000

SAFETY WIRING PLATE KIT FOR FRONT INSERTION ON CABINETS

EMP

EML

SPD

SLD

Device designed to guarantee total safety when inserting the pre-wired plate inside EGO and SPEED cabinets.

It can use only for inserting plates from the front, by preventing the wiring plate from falling forwards.

Supplied in an assembly kit or pre-assembled on request.



CODE	DESCRIPTION
SAC057	SAFETY WIRING PLATE KIT

SUPPORTING BRACKETS FOR HEAVY ELEMENTS IN THE BOTTOM

EMP

EML

SPD

SLD

Very strong brackets in galvanised sheet predrilled and set for mounting heavy elements on the inside base of the cabinet.

They are fixed horizontally with the bolts and screws supplied, in the holes of the internal reinforcements, predrilled in depth on the cabinet frame.

Supplied in an assembly kit.



CODE	DESCRIPTION
SAC053/600	SUPPORTING BRACKETS FOR HEAVY ELEMENTS CABINET W=600
SAC053/800	SUPPORTING BRACKETS FOR HEAVY ELEMENTS CABINET W=800
SAC053/1000	SUPPORTING BRACKETS FOR HEAVY ELEMENTS CABINET W=1000

BRACKETS TO SUPPORT THE CEILING LIGHT FIXTURE

EMP EML SPD SLD

Brackets in galvanised sheet predrilled and set for mounting ceiling fixtures or other lighting devices inside the cabinet at the top in the front.

Supplied in an assembly kit.



CODE	DESCRIPTION
SAC042/600	CEILING LIGHT SUPPORT BRACKET CABINET W=600
SAC042/800	CEILING LIGHT SUPPORT BRACKET CABINET W=800
SAC042/1000	CEILING LIGHT SUPPORT BRACKET CABINET W=1000

PAIR OF TELESCOPIC RUNNERS

EMP EML SPD SLD

Telescopic runners in nickel-plated fe to use for extracting shelves and drawers in special products made to customer specifications.

They allow total extraction of the whole length of the runner, guaranteeing a sturdy support even for weights of up to 30 kg.





ANCHORING BRACKETS FOR INCOMING CABLES THROUGH THE BOTTOM FLANGE

EMP EML SPD SLD

Galvanised sheet brackets predrilled and set for fixing incoming cables from the bottom through the bottom cable lead flange.

They allow cables to be rationally and tidily laid leading to the wiring plate.

Adjustable positioning. Supplied in an assembly kit.



CODE	DESCRIPTION
SAC056/600	ANCHORING BRACKETS CABLES CABINET W=600
SAC056/800	ANCHORING BRACKETS CABLES CABINET W=800
SAC056/1000	ANCHORING BRACKETS CABLES CABINET W=1000

PC HOLDER SHELF KIT FOR THE INSIDE OF THE DOOR

EMP EML SPD SLD

Shelf kit for the inside of the door to support a portable PC to be used for cabinets with doors having a width of 600 mm and 800 mm.

The kit includes the tip-up and relevant supports with compass guides.

The positioning can be adjusted in height on the reinforcement of the inside of the door.

They cannot be mounted on the cabinets W=1200 mm without upright on the main door.

They cannot be mounted on the cabinets with height lower than 1800 mm.

Supplied in an assembly kit or pre-assembled (on request).



CODE	DESCRIPTION
SAC058/600	PC HOLDER TIP-UP KIT FOR THE INSIDE DOOR OF THE
	EGO/SPEED CABINET W=600
SAC058/800	PC HOLDER TIP-UP KIT FOR THE INSIDE DOOR OF THE
	EGO/SPEED CABINET W=800

CABLE RACEWAY SUPPORTING BRACKETS ON THE DOOR

EMP EML SPD SLD

Brackets in galvanised sheet predrilled and set for mounting a cable raceway or other devices inside the door.

It is fixed with the bolts and screws supplied in the holes on the stiffening tube inside the door.

They cannot be mounted on the door with priority opening in cabinets W=1200 in the version without an upright and in standard cabinets under 1800 mm in height.

Supplied in an assembly kit.

CODE	DESCRIPTION
SAC045/600	SUPPORT FOR CABLE RACEWAY ON DOOR W=600
SAC046/800	SUPPORT FOR CABLE RACEWAY ON DOOR W=800
SAC047/1000	SUPPORT FOR CABLE RACEWAY ON DOOR W=1000



LOCKS AND KEYS

EMP EML SPD SLD ERCM-2 SRCM

Locks, closing mechanism and keys greater use for cabinets. Any type of handle with any type of insert, shape or construction material can be supplied on request.

CABINETS VERSION + CABLE RISERS SRCM

CODE	DESCRIPTION
SAC054	HANDLE IN POLYAMIDE DOUBLE WING INSERT 3 mm AND
	LOGO MPGAMMA (no key)
SAC055	HANDLE IN POLYAMIDE WITH CIPHERED KEY EK333
SAC054_5	HANDLE IN POLYAMIDE DOUBLE
	WING INSERT 5 mm (no key)
SAC054_Q7	HANDLE IN POLYAMIDE SQUARE
	INSERT 7 mm (with key)
SAC054_Q8	HANDLE IN POLYAMIDE SQUARE
	INSERT 8 mm (with key)
SAC054_T	HANDLE IN POLYAMIDE TRIANGLE
	INSERT (with key)
SAC050	HANDLE IN STAINLESS STEEL DOUBLE WING
	INSERT 3 mm (no key)
SAC051	HANDLE IN STAINLESS STEEL WITH CIPHERED KEY EK333
SAC050_5	HANDLE IN STAINLESS STEEL DOUBLE WING
	INSERT 5 mm (with key)
SAC050_Q7	HANDLE IN POLYAMIDE INSERT SQUARE 7 mm (with key)
SAC050_Q8	HANDLE IN POLYAMIDE INSERT SQUARE 8 mm (with key)
SAC050_T	HANDLE IN POLYAMIDE TRIANGLE INSERT (with key)
SAC052	T-SHAPED POLYAMMIDE HANDLE GH=18 mm
	WITH CIPHERED KEY EK333
SAC052_C	T-SHAPED POLYAMMIDE HANDLE GH=18 mm (no key)
ACC018	BLACK ZAMAK TWIN COMB KEY 3 mm
SAC054_1	LONG CLOSING MECHANISM IN POLYAMIDE
	WITH RODS IN STAINLESS STEEL
SAC054_1C	SHORT CLOSING MECHANISM IN ZAMAK
	(only for T-shaped handle)

Technical note:

Handles polyamide insert are not interchangeable with stainless steel handles and "T" handles as the hole on the door is different.









CABLE RISERS ERCM-2 VERSION

The locks are at 1/4 turn in stainless steel.

Locks and keys with any kind of insert, with ciphering or custom-made can be supplied upon request.



ACC016_R



ACC016_Q_R

CODE	DESCRIPTION
ACC016_R	STEEL TWIN COMB LOCK STAINLESS STEEL 304L
ACC016_Q_R	PANEL INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L
ACC016_T_R	TRIANGLE INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L
ACC016_IG_R	LOCK FOR HYGIENE STANDARDS MADE OF STAINLESS STEEL 316L
ACC017_1_R	WING LOCK WITH CIPHERED KEY EK333
ACC017_1_C_R	CHROMIUM-PLATED WING LOCK WITH CIPHERED KEY EK333
ACC018	BLACK ZAMAK TWIN COMB KEY
ACC020_R	T-SHAPED POLYAMMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333



ACC016_T_R



ACC016_IG_R



ACC017_1_R



ACC017_1_C_R



ACC018



ACC020_R

DIAGRAM POCKET

EMP EML SPD SLD

PLASTIC VERSION

Made of self-adhesive orange plastic for A4-size diagrams.

CODE	DESCRIPTION
ACC028	LARGE DIAGRAM POCKET (260x240x30)



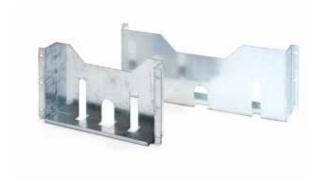
METALLIC VERSION

Galvanised sheet with plenty of room, to mount inside the doors of cabinets.

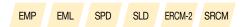
They are fixed with self-tapping screws in the holes on the stiffening tube inside the doors.

They cannot be mounted on the door with priority opening in cabinets W=1200 in the version without an upright and in standard cabinets under 1800 mm in height.

CODE	DESCRIPTION
SAC041/600	GALVANISED SHEET DIAGRAM POCKETS W=600
SAC041/800	GALVANISED SHEET DIAGRAM POCKETS W=800
SAC041/1000	GALVANISED SHEET DIAGRAM POCKETS W=1000



CONDUCTIVE SEALS



Suited to manufacture boxes and special cabinets where there is the need to reduce the effects of electromagnetic waves.

They are available in both the fitted version (to be mounted on a straight sheet metal edge) and the adhesive one.

CODE	DESCRIPTION
ACC027_1	EMC SEAL COVERED WITH SATMET FABRIC
	(EURO/METRE, FITTED)
ACC027_2	10x4 ADHESIVE SEAL COVERED WITH SATMET FABRIC
	(EURO/METRE)



LABYRINTH FILTER SYSTEMS WITH STAINLESS STEEL GUARD AND RELATED VENTILATION SYSTEMS

EMP EML SPD

The filtering systems completely in stainless steel AISI 304L (Wnr 1.4307) with labyrinth spray protection device are mounted on the outside of the structure, allowing the replacement of the filtering grid without entering the panel.

SLD

They can all be coupled with the MPGAMMA ventilation systems (the fans must be mounted inside the panel).

They are supplied in kits with drilling template and, on request, drilling on the hardware is made at the factory.

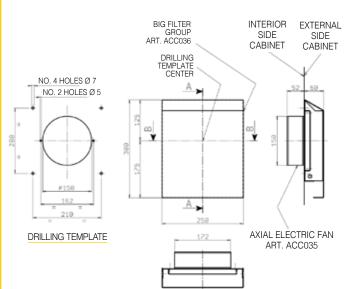


CODE	DESCRIPTION	TO BE ASSOCIATED WITH	
400044	SINGLE STAINLESS STEEL LABYRINTH	ACC015	
ACC014	FILTER UNIT W=190 H=280 D=40		
ACC036	LARGE STAINLESS STEEL LABYRINTH	400005	
	FILTER UNIT W=250 H=300 D=60	ACC035	

COD. ACC014

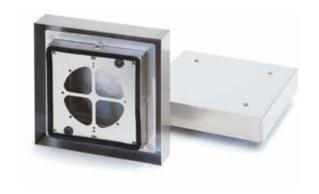
SINGLE FILTER GROUP ART. ACC014 DRILLING TEMPLATE CENTER SIDE CABINET CABINET AXIAL ELECTRIC FAN ART. ACC015

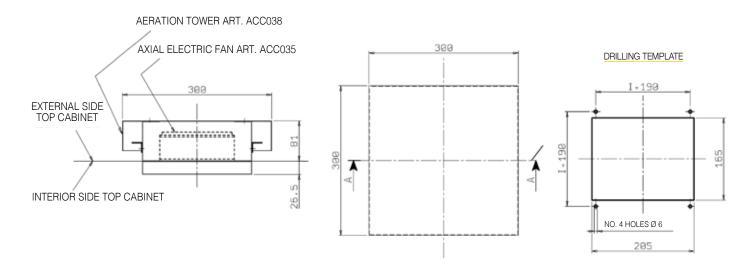
COD. ACC036



AERATION TOWER

CODE	DESCRIPTION	TO BE ASSOCIATED WITH	
ACC038	STAINLESS STEEL LABYRINTH AERATION	ACC035	
	TOWER W=300 H=300 D=80		

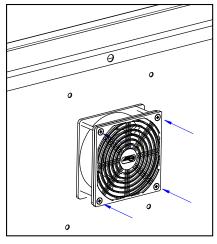




AXIAL ELECTRIC

CODE	DESCRIPTION	TO BE ASSOCIATED WITH
ACC015	AXIAL ELECTRIC FAN 230V 50/60 HZ DIM.120X120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H AT 50 Hz (EFFICIENCY 75%)	ACC014
ACC015_120VAC	AXIAL ELECTRIC FAN 120VAC 50/60 HZ DIM.120X120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H AT 50 Hz (EFFICIENCY 75%)	ACC014
ACC015_24V DC	AXIAL ELECTRIC FAN 24V DC 50/60 HZ DIM.120X120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H (EFFIFICIENCY 75%)	ACC014
ACC035	AXIAL ELECTRIC FAN 230V 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H AT 50 Hz (EFFICIENCY 75% FOR MOUNTING WITH ACC036)	ACC036
ACC035_120VAC	AXIAL ELECTRIC FAN 120VAC 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H AT 50 Hz (EFFICIENCY 75%)	ACC036
ACC035_24V DC	AXIAL ELECTRIC FAN 24V DC 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H (EFFIFICIENCY 75%)	ACC036





COD. ACC015-ACC035

ADVICE ABOUT APPLICATIONS

We do not usually recommend to assemble at the factory the filtering system on the structure because, as any protruding accessory, it can be damaged during transport.

As far as the factory arrangement is concerned, it is advisable to drill the door (lower costs and shorter delivery time) rather than the sides.

A complete heat exchange system is usually composed of two filtering units or one filtering unit and one aeration tower and, if needed, a fan. One filter must be mounted at the bottom and another at the top, possibly at the opposite sides of the panel. We recommend to mount the fan on the filter at the bottom so as to let the air flow into from below, put the panel slightly in over pressure and make the heat exchange easier thanks to the heating of the air which obviously tends to go upwards and to exit from the filter placed on the top (or from the tower).

Sometimes this kind of application does not give goods results as some heat pockets may create due to the positioning of the appliances on the wiring plate; in this case the number of filters and fans must be increased or a conditioning system chosen from the wide range offered by MPGAMMA.

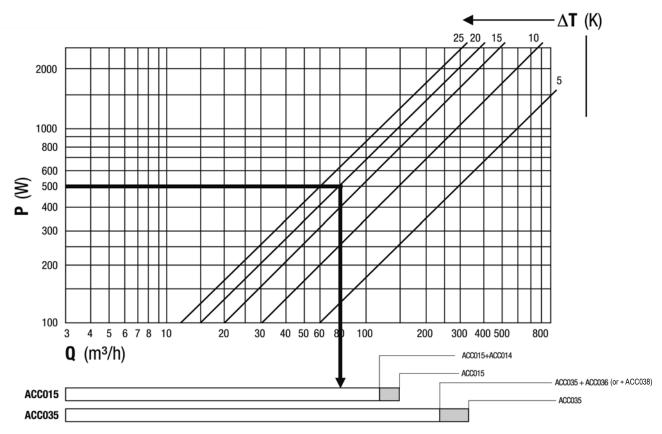
If the most warming devices are positioned at the top of the panel, we recommend to add a fan on the filter at the top (or on the tower) suitably set so as to discharge hot air.

To reverse the air flow of a fan you shall turn it symmetrically.

The ventilation systems which can be matched with the MPGAMMA stainless steel filters are available in several voltages and flow rates and do not need additional drilling besides that for the filters.

The filter-fan coupling (with filtering element in good cleaning conditions) reduces the air flow of 25-30% on average.

DIAGRAM OF A SELECTION OF VENTILATION FLOW GROUPS WITH FILTER



The max capacities are referred to standard filters.

Q = Vantilation capacity

P = Power dissipation in the cabinets

ΔT = Temperature difference

Example:

Power dissipation 500 W
Temperature difference 20 K
Necessary air flow capacity 80 m³/h

EXTERNAL STAINLESS STEEL PROTECTION CAPS FOR VENTILATION/FILTERING SYSTEMS IN PLASTIC

EMP	EML	SPD	SLD	ERCM-2	SRCM

Caps in AISI 304L (Wnr 1.4307) stainless steel which raise the protection level of the ventilation and filtering systems in plastic of the FAN____ MPX and FIL____ MPX series.

They are in fact designed to with stand the direct powerful blasts of water and detergent liquids that are normally used for sanitising food and pharmaceutical plants.

Just a few holes are needed to mount them on the structure on the sides of the slits for the filtering/ventilation systems.



CODE	DESCRIPTION	DIMENSIONS MM
HPS115	STAINLESS STEEL CAPS FOR FILTER/FAN	115x115
HPS150	STAINLESS STEEL CAPS FOR FILTER/FAN	150x150
HPS250	STAINLESS STEEL CAPS FOR FILTER/FAN	250x250
HPS325	STAINLESS STEEL CAPS FOR FILTER/FAN	325x325



STEEL FACTOR



BOXES
JUNCTION BOXES
PUSH-BUTTON PANELS



SOLID DOOR BOXCPN SERIE

The solid door box, "CPN" series, are small and mediumsized enclosures, entirely made of stainless steel. They have been created with solidity and modularity features. They are used in different sectors and offer the maximum protection to the installed components.



FEATURES

- Watertight boxes made in AISI 304L (Wnr 1.4307) stainless steel.
- Body with welded and finished corners.
- Door opening a minimum 120° with stainless steel inner hinges, locks with stainless steel double wing insert, welded and finished corners; model CPN1206030 is supplied with No. 02 reversible hinged doors without central upright.
- Polyurethane seal with robotised application.
- Galvanized sheet metal wiring plate 20/10 thick.
- Screws stainless steel.
- Internal M6x16 stainless steel earthing threaded studs bolts on the door and body of the box.
- Internal M6 threated spacers on the body for wiring plate fixing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Sheet metal thickness values of the body and door from 12/10 mm to 20/10 mm depending on the size.
- Rear prearrangement for wall fixing with M6 blind threated holes.

OPTIONALS UPON REQUEST

- Drilling as per design on body and door.
- Resistant silicone seals, from 50° C to + 180° C.
- Products made with AISI 316L or other special steels.
- Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP67-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208 (for 1-door boxes).
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request) for 1-door boxes.
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX-CPN-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).

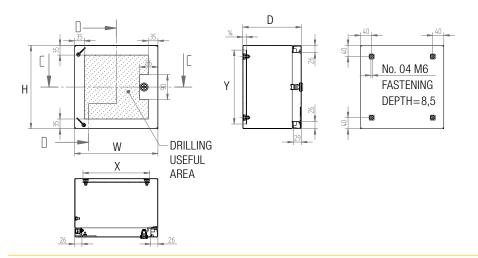






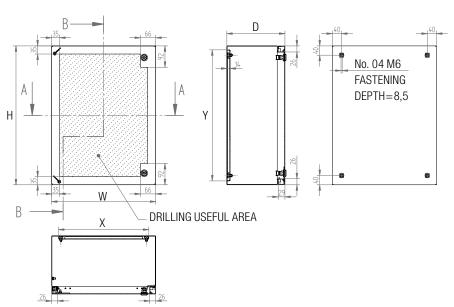






AVAILABLE ACCESSORIES

VERSION WITH 1 CLOSING POINT



VERSION WITH 2 CLOSING POINTS

		xterna nensio			ing ate		Features				externa mensio			ring ate		Features	
Code Art.	W	Н	D	X	Y	Point of closure No.	Fixing points No.	Hinges No.	Code Art.	W	Н	D	Χ	Y	Point of closure No.	Fixing points No.	Hinges No.
CPN303021	300	300	210	240	266	1	4	2	CPN606021	600	600	210	540	566	2	4	2
CPN303821	300	380	210	240	346	1	4	2	CPN606025	600	600	250	540	566	2	4	2
CPN304521	300	450	210	240	416	2	4	2	CPN606030	600	600	300	540	566	2	4	2
CPN383021	380	300	210	346	240	1	4	2	CPN607521	600	750	210	540	716	2	4	2
CPN383821	380	380	210	320	346	1	4	2	CPN607525	600	750	250	540	716	2	4	3
CPN386021	380	600	210	320	566	2	4	2	CPN607530	600	750	300	540	716	2	4	2
CPN405021	400	500	210	340	466	2	4	2	CPN609030	600	900	300	540	866	2	4	3
CPN453021	450	300	210	416	240	1	4	2	CPN6012030	600	1200	300	540	1166	2	6	3
CPN454521	450	450	210	390	416	2	4	2	CPN757530	750	750	300	690	716	2	4	3
CPN454525	450	450	250	390	416	2	4	2	CPN7510030	750	1000	300	690	966	2	6	3
CPN456021	450	600	210	390	566	2	4	2	CPN8012030	800	1200	300	740	1166	2	6	3
CPN456025	450	600	250	390	566	2	4	2	CPN906030	900	600	300	866	540	2	6	3
CPN507025	500	700	250	440	666	2	4	2	CPN10010030	1000	1000	300	940	966	2	6	3
CPN603821	600	380	210	566	320	1	4	2	CPN10012030	1000	1200	300	940	1166	2	6	3
CPN604525	600	450	250	566	390	2	4	2	CPN1206030*	1200	600	300	1166	540	2	6	2

^{*} No. 02 hinged doors version (IP55)

* Version with central upright (IP66) – upon request



TRANSPARENT DOOR BOX CLN SERIE

The transparent door box, "CPN" series, are small and medium-sized enclosures, entirely made of stainless steel. They have been created with solidity and modularity features. They are used in different sectors and offer the maximum protection to the installed components.



FEATURES

- Watertight boxes made in AISI 304L (Wnr 1.4307) stainless steel.
- Body with welded and finished corners.
- Door opening a minimum 120° with transparent panel in shockproof Lexan.
- External door with stainless steel inner hinges, locks with stainless steel double wing insert, welded and finished corners.
- Polyurethane seal with robotised application.
- Galvanized sheet metal wiring plate 20/10 thick.
- Screws stainless steel.
- Internal M6x16 stainless steel earthing threaded studs bolts on the door and body of the box.
- Internal M6 threated spacers on the body for wiring plate fixing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Sheet metal thickness values of the body and door from12/10 mm to 20/10 mm depending on the size.
- Prearrangement for inner door mounting kit (art. KCPN ordered separately).
- Prearrangement for modular switches mounting kit (art. CLNMOD ordered separately).
- Rear prearrangement for wall fixing with M6 blind threated holes.

OPTIONALS UPON REQUEST

- Drilling as per design.
- Possibility of the laminated glass window instead of Lexan panel.
- Resistant silicone seals, from 50° C to + 180° C.
- Products made with AISI 316L or other special steels.
- · Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request) for 1-door boxes.
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT- ATEX-CLN-2-22 and the laminated glass window.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).

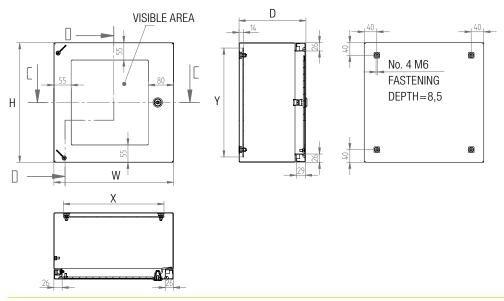






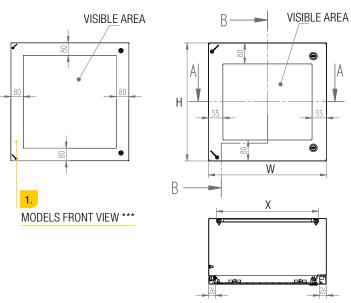


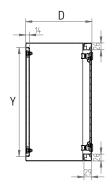


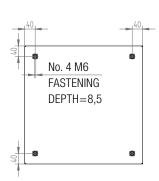


AVAILABLE ACCESSORIES

VERSION WITH 1 CLOSING POINT







VERSION WITH 2 CLOSING POINTS

	External dimensions		Wir pla		Features			
Code Art.	W	Н	D	Χ	Y	Point of closure No.	Fixing points No.	Hinges No.
CLN303021	300	300	210	240	266	1	4	2
CLN303821	300	380	210	240	346	1	4	2
CLN304521	300	450	210	240	416	2	4	2
CLN383021	380	300	210	346	240	1	4	2
CLN383821	380	380	210	320	346	1	4	2
CLN386021	380	600	210	320	566	2	4	2
CLN405021	400	500	210	340	466	2	4	2
CLN453021	450	300	210	416	240	1	4	2
CLN454521	450	450	210	390	416	2	4	2
CLN454525	450	450	250	390	416	2	4	2
CLN456021	450	600	210	390	566	2	4	2
CLN456025	450	600	250	390	566	2	4	2
CLN507025	500	700	250	440	666	2	4	2
CLN603821	600	380	210	566	320	1	4	2

		External dimensions		Wiring plate		Features			
Code Art.	W	Н	D	Χ	Y	Point of closure No.	Fixing points No.	Hinges No.	
CLN604525	600	450	250	566	390	2	4	2	
CLN606021	600	600	210	540	566	2	4	2	
CLN606025	600	600	250	540	566	2	4	2	
CLN606030	600	600	300	540	566	2	4	2	
CLN607521	600	750	210	540	716	2	4	2	
CLN607525	600	750	250	540	716	2	4	2	
CLN607530	600	750	300	540	716	2	4	2	
CLN609030***	600	900	300	540	866	2	4	3	
CLN6012030***	600	1200	300	540	1166	2	6	3	
CLN757530***	750	750	300	690	716	2	4	3	
CLN7510030***	750	1000	300	690	966	2	6	3	
CLN8012030***	800	1200	300	740	1166	2	6	3	
CLN906030***	900	600	300	866	540	2	6	3	

^{1.} Models front view ***



JUNCTION BOXES SDN SERIE

The junction boxes entirely made of stainless steel. They have been created to meet request for practicality, installation and cleaning, for compliance with standards for hygiene.



FEATURES

- Watertight boxes made in AISI 304L (Wnr 1.4307) stainless steel.
- Body with welded and finished corners.
- Cover with welded and finished corners and screwed to the box body.
- Polyurethane seal with robotised application.
- M4 S/S leak-proof cover-body's clamping screws.
- Internal M5x15 stainless steel earthing threaded studs bolts on the cover
- Internal M5 threated spacers on the body for wiring plate fixing or DIN bar fixing
- FINE external SATIN finish, medium Scotch-Brite type.
- Sheet metal thickness values of the body and cover from 10/10 mm to 12/10 mm depending on the size.
- Rear prearrangement for wall fixing with M5 blind threated holes.

OPTIONALS UPON REQUEST

- Drilling as per design on body and cover.
- Resistant silicone seals, from -50°C to + 180°C.
- Products made with AISI 316L or other special steels.
- · Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP67-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEX-SDN-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).



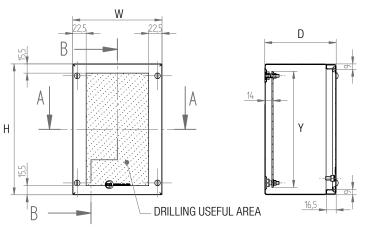


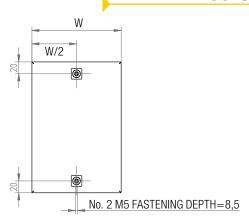


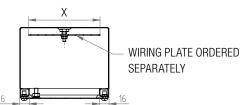




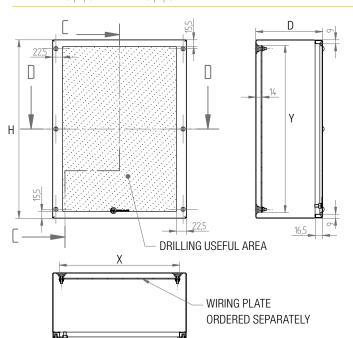
AVAILABLE ACCESSORIES

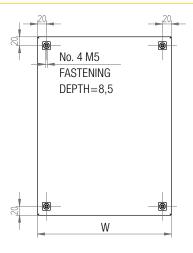






VERSION WITH 4 CLOSING POINTS AND 2 FIXING POINTS





VERSION WITH 6 CLOSING POINTS AND 4 FIXING POINTS

	Extern	al dime	nsions	Wiring	plate	Features		
Art. Code	W	Н	D	Χ	Y	Point of closure No.	No. Holes for wall fixing	
SDN997	90	90	75	-	-	4	2	
SDN10109	100	100	90	-	-	4	2	
SDN10169	100	160	90	70	135	4	2	
SDN10229	100	220	90	70	195	4	2	
SDN151612	150	160	120	120	135	4	2	
SDN152212	150	220	120	120	195	4	2	
SDN152812	150	280	120	120	255	4	2	

	Extern	al dime	nsions	Wiring	plate	Features		
Art. Code	W	Н	D	Χ	Y	Point of closure No.	No. Holes for wall fixing	
SDN202212	200	220	120	170	195	4	2	
SDN202812	200	280	120	170	255	4	2	
SDN252812	250	280	120	220	255	4	2	
SDN253415	250	340	150	220	315	4	2	
SDN303415	300	340	150	270	315	4	2	
SDN304015	300	400	150	270	375	6	4	
SDN404015	400	400	150	370	375	6	4	



PUSH-BUTTON PANELSSPN SERIE

The push-button panels of the "SPN" series entirely made of stainless steel. They have been created to meet our demands/request for practicality, installation and cleaning, for compliance with standards for hygiene.



FEATURES

- Watertight boxes made in AISI 304L (Wnr 1.4307) stainless steel.
- Body with welded and finished corners.
- Cover with welded and finished corners and screwed to the box body.
- Ø 22,5 mm drillings on the cover for push-button panel mounting.
- Polyurethane seal with robotised application.
- M4 S/S leak-proof cover-body's clamping screws.
- Internal M5x15 stainless steel earthing threaded studs bolts on the cover.
- Internal M5 threated spacers on the body for wiring plate fixing or DIN bar fixing.
- FINE external SATIN finish, medium Scotch-Brite type.
- Sheet metal thickness values of the body and cover from 10/10 mm to 12/10 mm depending on the size.
- Rear prearrangement for wall fixing with M5 blind threated holes.

OPTIONALS UPON REQUEST

- Drilling as per design on body and cover.
- Resistant silicone seals, from 50° C to + 180° C.
- Products made with AISI 316L or other special steels.
- · Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP67-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208 (in combination with equipments with equivalent certification).
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No 14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT- ATEX-SPN-2-22 (in combination with equipments with equivalent certification).
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).



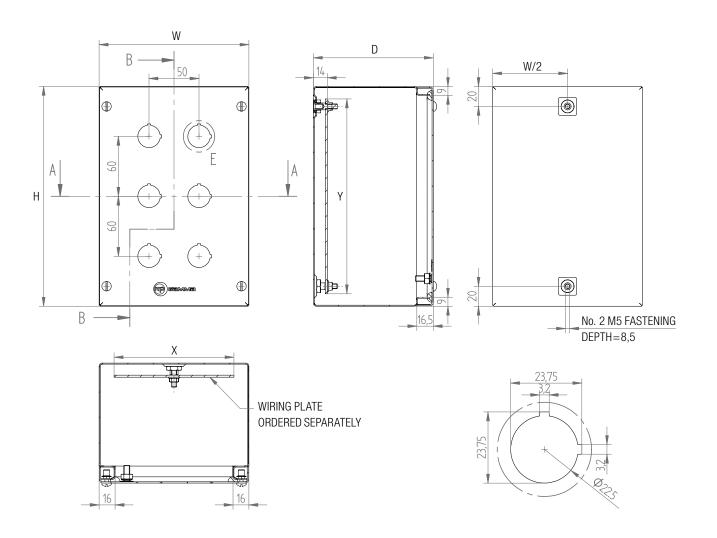








AVAILABLE ACCESSORIES



	External dimensions			Wiring	g plate	Features			
Art. Code	W	Н	D	X	Υ	Closing points No.	No. Holes for wall fixing	Holes	
SPN997	90	90	75	-	-	2	2	1	
SPN10109	100	100	90	-	-	4	2	1	
SPN10169	100	160	90	70	135	4	2	2	
SPN10229	100	220	90	70	195	4	2	3	
SPN151612	150	160	120	120	135	4	2	4	
SPN152212	150	220	120	120	195	4	2	6	



WALL MOUNTING KIT IP66









All standard boxes of CPN and CLN series and SDN and SPN series have drillings on the rear panel for wall mounting, this to facilitate the installation.

Thanks to an innovative system, the aesthetics and the protection degree remain unchanged.



WALL MOUNTING KIT FOR BOXES

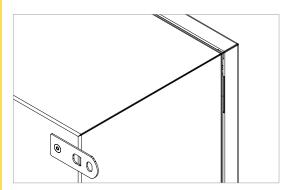




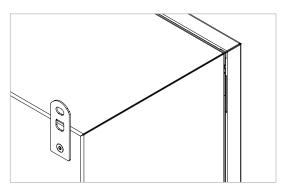
For boxes wall mounting it is necessary to use the CACPN013 art. consisting of 4 flat brackets and stainless steel screws.

The 4 holes on the rear side of the box are M6 threaded, blind and wit thickness 8 mm.

The CACPN013 kit is suitable for all sizes of boxes.

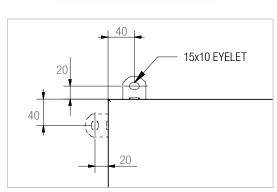


BOX REAR DETAIL WITH HORIZONTAL BRACKET



BOX REAR DETAIL WITH VERTICAL BRACKET







WALL MOUNTING KIT FOR BOXES

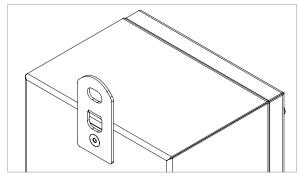




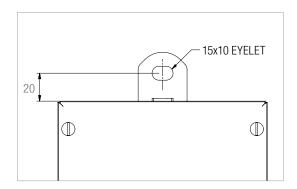
For boxes and wall push-button wall mounting it is necessary to use the CASDN013 item consisting of two flat brackets and stainless steel screws.

The CASDN013 kit is suitable for all sizes of SDN and SPN, except for SDN303415 and SDN304015 modelsfor which No. 4 wall mounting brackets are needed, so you need to order n° 2 pieces of the CASDN013





BOX REAR DETAIL WITH BRACKET



WIRING PLATE (OPTIONAL)





Galvanized sheet metal wiring plate.

For features and dimensions see drawings on pages. 8-10 in the sections dedicated to SDN series boxes and SPN series push buttons.



Code	Description
PDFN1016	WIRING PLATE 100x160
PDFN1022	WIRING PLATE 100x220
PDFN1516	WIRING PLATE 150x160
PDFN1522	WIRING PLATE 150x220
PDFN1528	WIRING PLATE 150x280
PDFN2022	WIRING PLATE 200x220

Code	Description
PDFN2028	WIRING PLATE 200x280
PDFN2528	WIRING PLATE 250x280
PDFN2534	WIRING PLATE 250x340
PDFN3034	WIRING PLATE 300x340
PDFN3040	WIRING PLATE 300x400
PDFN4040	WIRING PLATE 400x400



OVERDOOR IN TRANSPARENT LEXAN



Transparent doors made of AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite type fine satin finish.

They are used for protecting with an IP66 protection level drillings or instruments.

The transparent shock-resistant Lexan panel lets you see the devices mounted under overdoor.

Overdoor opening is reversible and it cab be 90° or 180° , depending on the application.

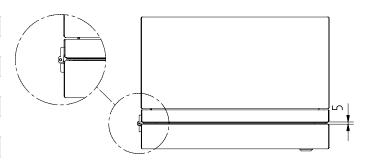
It is supplied in an assembly kit with template for drilling on site or preassembled on request.

They can be mounted on CPN boxes or on any product with a big enough surface in order to ensure the fixing.

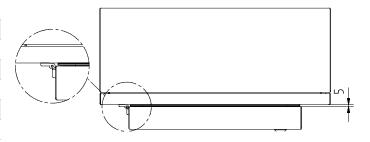


Code	Code	Closing points No.
SVPN30306U	OVERDOOR W=300 H=300 D=60	1
SVPN30386U	OVERDOOR W=300 H=380 D=60	1
SVPN30456U	OVERDOOR W=300 H=450 D=60	2
SVPN38306U	OVERDOOR W=380 H=300 D=60	1
SVPN38386U	OVERDOOR W=380 H=380 D=60	1
SVPN38606U	OVERDOOR W=380 H=600 D=60	2
SVPN40506U	OVERDOOR W=400 H=500 D=60	2
SVPN45306U	OVERDOOR W=450 H=300 D=60	1
SVPN45456U	OVERDOOR W=450 H=450 D=60	2
SVPN45606U	OVERDOOR W=450 H=600 D=60	2
SVPN50706U	OVERDOOR W=500 H=700 D=60	2
SVPN60386U	OVERDOOR W=600 H=380 D=60	1
SVPN60456U	OVERDOOR W=600 H=450 D=60	2
SVPN60606U	OVERDOOR W=600 H=600 D=60	2
SVPN60756U	OVERDOOR W=600 H=750 D=60	2
SVPN60906U***	OVERDOOR W=600 H=900 D=60	2
SVPN601206U***	OVERDOOR W=600 H=1200 D=60	2
SVPN75756U***	OVERDOOR W=750 H=750 D=60	2
SVPN751006U***	OVERDOOR W=750 H=1000 D=60	2
SVPN801206U***	OVERDOOR W=800 H=1200 D=60	2
SVPN90606U***	OVERDOOR W=900 H=600 D=60	2

HINGES MOUNTING WITH 180° PROTECTION WINDOW OPENING



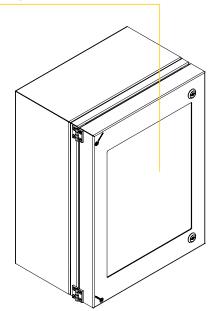
HINGES MOUNTING WITH 90° PROTECTION WINDOW OPENING



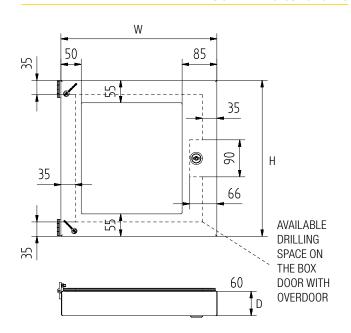
^{1.} Models front view ***



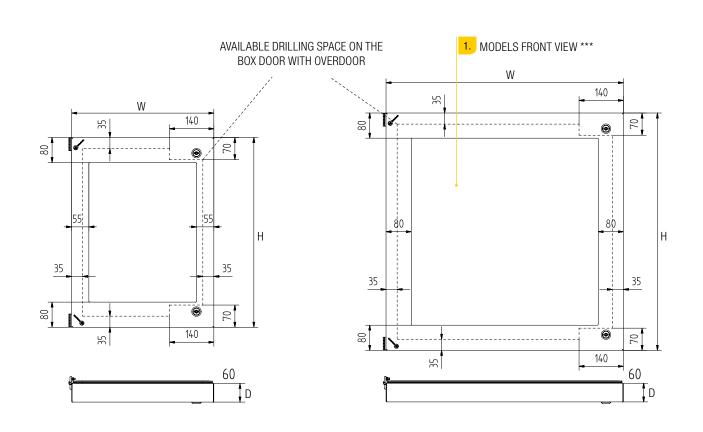
TRANSPARENT LEXAN PANEL



VERSION WITH 1 CLOSING POINTS



VERSION WITH 2 CLOSING POINTS





INNERDOOR KIT





Hinged internal doors made in AISI 304L (Wnr 1.4307) stainless steel satin finish Scotch-Brite type.

They can be fixed internally at variable distances from 40 mm to 50 mm from the external door (other fixing depth on request). The locks are at 1/4 turn with a slotted screwdriver insert.

Drillings to drawing can be requested as well as drillings on the blind external door.

The opening direction can be reversed (reversible door) in relation to the external door.

The maximum weight to be applied to the internal door varies in function of the size, but it is not recommended to exceed 20 kg.

They are supplied in assembly kit or pre-assembled (on request).

Attention: always specify in the order if the box has to be prepared for the inner door kit so to add some mounting stud bolts.

Code	Description
KCPN3030	INNERDOOR KIT FOR BOX W=300 H=300
KCPN3038	INNERDOOR KIT FOR BOX W=300 H=380
KCPN3045	INNERDOOR KIT FOR BOX W=300 H=450
KCPN3830	INNERDOOR KIT FOR BOX W=380 H=300
KCPN3838	INNERDOOR KIT FOR BOX W=380 H=380
KCPN3860	INNERDOOR KIT FOR BOX W=380 H=600
KCPN4050	INNERDOOR KIT FOR BOX W=400 H=500
KCPN4530	INNERDOOR KIT FOR BOX W=450 H=300
KCPN4545	INNERDOOR KIT FOR BOX W=450 H=450
KCPN4560	INNERDOOR KIT FOR BOX W=450 H=600
KCPN5070	INNERDOOR KIT FOR BOX W=500 H=700
KCPN6038	INNERDOOR KIT FOR BOX W=600 H=380
KCPN6045	INNERDOOR KIT FOR BOX W=600 H=450
KCPN6060	INNERDOOR KIT FOR BOX W=600 H=600
KCPN6075	INNERDOOR KIT FOR BOX W=600 H=750
KCPN6090	INNERDOOR KIT FOR BOX W=600 H=900
KCPN60120	INNERDOOR KIT FOR BOX W=600 H=1200
KCPN7575	INNERDOOR KIT FOR BOX W=750 H=750
KCPN75100	INNERDOOR KIT FOR BOX W=750 H=1000

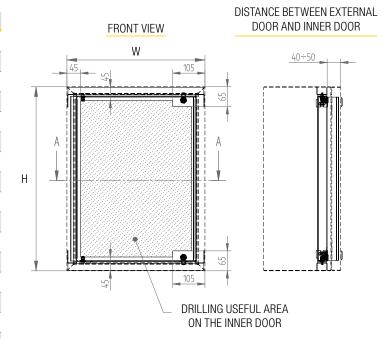
INNERDOOR KIT FOR BOX W=800 H=1200

INNERDOOR KIT FOR BOX W=900 H=600

INNERDOOR KIT FOR BOX W=1000 H=1000

INNERDOOR KIT FOR BOX W=1000 H=1200





KCPN80120

KCPN9060

KCPN100100

KCPN100120



LOCKS AND KEYS





Keys and locks commonly used for CPN and CLN boxes.

Locks and keys with any kind of insert, with ciphering or custom-made can be supplied upon request.

Code	Description
ACC016	STEEL TWIN COMB LOCK STAINLESS STEEL 304L (without key)
ACC016_Q	PANEL INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L (with key)
ACC016_T	TRIANGLE INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304L (with key)
ACC016_IG	LOCK FOR HYGIENE STANDARDS MADE OF STAINLESS STEEL 316L (with key)
ACC017_1	WING LOCK WITH CIPHERED KEY EK333
ACC017_1_C	CHROMIUM-PLATED WING LOCK WITH CIPHERED KEY EK333
ACC018	BLACK ZAMAK TWIN COMB KEY
ACC020	T-SHAPED POLYAMMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333







ACC016

ACC017_1





ACC016_Q

ACC017_1_C





ACC016_T

ACC018





ACC020

ACC016_IG



RAIN ROOF





Roofs made in AISI 304L (Wnr 1.4307) stainless steel satin finish Scotch-Brite type. They are used to protect boxes exposed to frequent washing or in areas that require frequent cleaning.

They are supplied in assembly kit with the corresponding template for drilling on site or pre-assembled on request. For assembly the roof on site 4 holes of 8 mm of diameter have to be drilled on the upper side.



"STANDARD" RAIN ROOF





They are used to protect boxes exposed to atmospheric agents protecting the seals from aging and the surface of the box from direct sunlight.

They have a small slanted edge on all sides and protrude of 25 mm on the front and on the sides, while the back is flush with the box to allow wall fixing.

They can be mounted on any product where there is a large enough area to allow the fixing.

Code	Description
TTPN3021	RAIN ROOF FOR CPN/CLN W=300 D=210
TTPN3821	RAIN ROOF FOR CPN/CLN W=380 D=210
TTPN4021	RAIN ROOF FOR CPN/CLN W=400 D=210
TTPN4521	RAIN ROOF FOR CPN/CLN W=450 D=210
TTPN4525	RAIN ROOF FOR CPN/CLN W=450 D=250
TTPN5025	RAIN ROOF FOR CPN/CLN W=500 D=250
TTPN6021	RAIN ROOF FOR CPN/CLN W=600 D=210
TTPN6025	RAIN ROOF FOR CPN/CLN W=600 D=250
TTPN6030	RAIN ROOF FOR CPN/CLN W=600 D=300
TTPN7530	RAIN ROOF FOR CPN/CLN W=750 D=300
TTPN8030	RAIN ROOF FOR CPN/CLN W=800 D=300
TTPN9030	RAIN ROOF FOR CPN/CLN W=900 D=300
TTPN10030	RAIN ROOF FOR CPN/CLN W=1000 D=300
TTPN12030	RAIN ROOF FOR CPN/CLN W=1200 D=300





"VIP" RAIN ROOF





They are used to protect boxes exposed to atmospheric agents protecting the seals from aging and the surface of the box from direct sunlight. Contoured design and inclined towards the rear; the protrusion is 35 mm on the front, 10 mm on the sides, while the back is flush with the box to allow wall mounting. They are supplied in assembly kit with the corresponding template for drilling on site or pre-assembled on request.

Code	Description
TTPN3021V	RAIN ROOF FOR CPN/CLN W=300 D=210
TTPN3821V	RAIN ROOF FOR CPN/CLN W=380 D=210
TTPN4021V	RAIN ROOF FOR CPN/CLN W=400 D=210
TTPN4521V	RAIN ROOF FOR CPN/CLN W=450 D=210
TTPN4525V	RAIN ROOF FOR CPN/CLN W=450 D=250
TTPN5025V	RAIN ROOF FOR CPN/CLN W=500 D=250
TTPN6021V	RAIN ROOF FOR CPN/CLN W=600 D=210
TTPN6025V	RAIN ROOF FOR CPN/CLN W=600 D=250
TTPN6030V	RAIN ROOF FOR CPN/CLN W=600 D=300
TTPN7530V	RAIN ROOF FOR CPN/CLN W=750 D=300
TTPN8030V	RAIN ROOF FOR CPN/CLN W=800 D=300
TTPN9030V	RAIN ROOF FOR CPN/CLN W=900 D=300
TTPN10030V	RAIN ROOF FOR CPN/CLN W=1000 D=300
TTPN12030V	RAIN ROOF FOR CPN/CLN W=1200 D=300

"SANITARY" RAIN ROOF



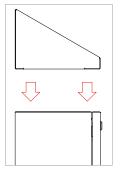


They are used to protect boxes exposed to frequent washing, protecting the seals from aging and reduce the chances of dirt. It inclined at 30° towards the front and prevents objects to be placed upon.

Code	Description
TTPN3021H	RAIN ROOF FOR CPN/CLN W=300 D=210
TTPN3821H	RAIN ROOF FOR CPN/CLN W=380 D=210
TTPN4021H	RAIN ROOF FOR CPN/CLN W=400 D=210
TTPN4521H	RAIN ROOF FOR CPN/CLN W=450 D=210
TTPN4525H	RAIN ROOF FOR CPN/CLN W=450 D=250
TTPN5025H	RAIN ROOF FOR CPN/CLN W=500 D=250
TTPN6021H	RAIN ROOF FOR CPN/CLN W=600 D=210
TTPN6025H	RAIN ROOF FOR CPN/CLN W=600 D=250
TTPN6030H	RAIN ROOF FOR CPN/CLN W=600 D=300
TTPN7530H	RAIN ROOF FOR CPN/CLN W=750 D=300
TTPN8030H	RAIN ROOF FOR CPN/CLN W=800 D=300
TTPN9030H	RAIN ROOF FOR CPN/CLN W=900 D=300
TTPN10030H	RAIN ROOF FOR CPN/CLN W=1000 D=300
TTPN12030H	RAIN ROOF FOR CPN/CLN W=1200 D=300









WATERTIGHT FLANGES FOR BOXES



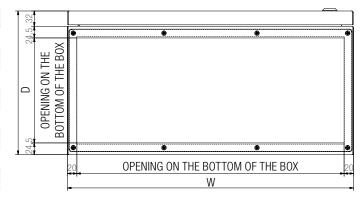


The flanges of the series are mainly designed to be positioned in the lower part of the box, on any side and of any size compatible to the geometry of box. They are supplied with a sealing gasket and screws for mounting.

They occupy the largest possible area without influencing the degree of protection and the robustness of the box; the flange must be ordered together with the box as the cut-out and blind threaded holes for assembly are made on the box in the factory.

Code	Description
ACPN054_3021	FLANGE FOR CPN/CLN BOX W=300 D=210
ACPN054_3821	FLANGE FOR CPN/CLN BOX W=380 D=210
ACPN054_4021	FLANGE FOR CPN/CLN BOX W=400 D=210
ACPN054_4521	FLANGE FOR CPN/CLN BOX W=450 D=210
ACPN054_4525	FLANGE FOR CPN/CLN BOX W=450 D=250
ACPN054_5025	FLANGE FOR CPN/CLN BOX W=500 D=250
ACPN054_6021	FLANGE FOR CPN/CLN BOX W=600 D=210
ACPN054_6025	FLANGE FOR CPN/CLN BOX W=600 D=250
ACPN054_6030	FLANGE FOR CPN/CLN BOX W=600 D=300
ACPN054_7530	FLANGE FOR CPN/CLN BOX W=750 D=300
ACPN054_8030	FLANGE FOR CPN/CLN BOX W=800 D=300
ACPN054_9030	FLANGE FOR CPN/CLN BOX W=900 D=300
ACPN054_10030	FLANGE FOR CPN/CLN BOX W=1000 D=300
ACPN054_12030	FLANGE FOR CPN/CLN BOX W=1200 D=300





OPEN DOOR LOCKING DEVICE





Device that locks the door of boxes series in the open position and prevents accidental closing.

It can be supplied in an assembly kit or pre-assembled upon request.

Assembly on site might require holes or the application of electro-welded studs bolts.

Code	Description
ACC048_CPN	OPEN DOOR LOCK FOR BOXES CPN/CLN





GAS SPRINGS KIT





Gas springs kit provided with screw and accessories for the mounting of various strengths and dimensions.

They can be mounted on CPN series, on some models of CLN boxes and for special applications.

It is recommended to carry out the assembly in the factory and always to inform our technical department about the types and methods of use and application.

Code	Description
ACC070_100_C_CPN	KIT OF A PAIR OF SHORT GAS SPRINGS F=100N EACH WITH ACCESSORIES AND ASSEMBLY
ACC070_200_C_CPN	KIT OF A PAIR OF SHORT GAS SPRINGS F=200N EACH WITH ACCESSORIES AND ASSEMBLY
ACC070_300_C_CPN	KIT OF A PAIR OF SHORT GAS SPRINGS F=300N EACH WITH ACCESSORIES AND ASSEMBLY
ACC070_400_C_CPN	KIT OF A PAIR OF SHORT GAS SPRINGS F=400N EACH WITH ACCESSORIES AND ASSEMBLY



Code	Description
ACC070_200_L_CPN	KIT OF A PAIR OF LONG GAS SPRINGS F=200N EACH WITH ACCESSORIES AND ASSEMBLY
ACC070_300_L_CPN	KIT OF A PAIR OF LONG GAS SPRINGS F=300N EACH WITH ACCESSORIES AND ASSEMBLY
ACC070_400_L_CPN	KIT OF A PAIR OF LONG GAS SPRINGS F=400N EACH WITH ACCESSORIES AND ASSEMBLY
ACC070_600_L_CPN	KIT OF A PAIR OF LONG GAS SPRINGS F=600N EACH WITH ACCESSORIES AND ASSEMBLY

PAIR OF DIN BAR SUPPORTING BRACKETS





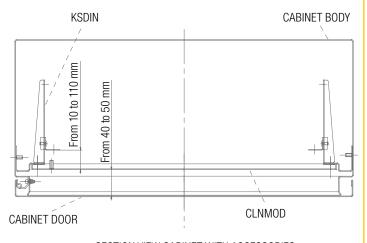
Pair of depth adjustable brackets made in AISI 304L (Wnr 1.4307) stainless steel for modular switches fixing.

It is recommended the use of a pair of brackets for each slotted row of the frame kit for modular switches.

Supplied in an assembly kit.

Code	Description
KSDIN	PAIR OF DIN BAR SUPPORTING BRACKETS WITH ACCESSORIES FOR ADJUSTABLE BRACKETS AND SCREWS STAINLESS STEEL





SECTION VIEW CABINET WITH ACCESSORIES



INTERNAL CONFIGURATION KIT FOR BOXES FOR MODULAR SWITCH PANELS





Kit for configuring CPN and CLN boxes series in order to house inside batteries of modular switches.

All components of the kit are made in AISI 304L (Wnr 1.4307) stainless steel stainless steel satin finish Scotch-Brite type.

The assembly is foreseen on 9 different sized boxes, and the capacity is from 30 to 266 modules.

The frame is designed to fix the KSDIN item (pair of depth sliding DIN bar supporting brackets) that has to be ordered separately in the same number of rows you wish to use.

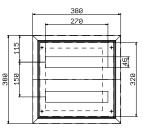
The slotted panels (or blind panels on request) are screwed to the frame.

The supply is in an assembly kit or on request pre-assembled on the box.

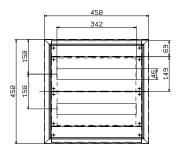
Attention: always specify in the order if the box has to be prepared for "modular switches".

Code	Description
CLNMOD3838	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=380 H=380
CLNMOD4545	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=450 H=450
CLNMOD4560	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=450 H=600
CLNMOD6060	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=600 H=600
CLNMOD6075	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=600 H=750
CLNMOD6090	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=600 H=900
CLNMOD60120	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=600 H=1200
CLNMOD75100	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=750 H=1000
CLNM0D80120	MODULAR PANELS CONFIGURATION FOR CPN/CLN W=800 H=1200

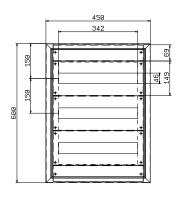




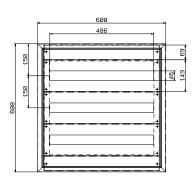
CLNMOD3838 30 MODULES



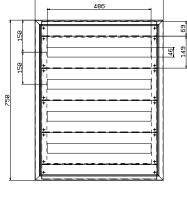
CLNMOD4545 38 MODULES



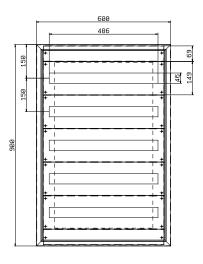
CLNMOD4560 57 MODULES



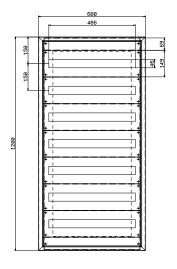
CLNMOD6060 81 MODULES



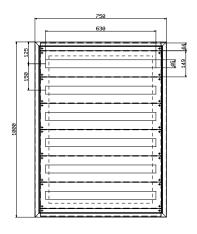
CLNMOD6075 108 MODULES



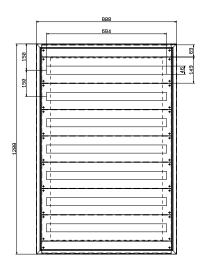
CLNMOD6090 135 MODULES



CLNMOD60120 189 MODULES



CLNMOD75100 210 MODULES



CLNMOD80120 266 MODULES



LABYRINTH FILTER SYSTEMS WITH STAINLESS STEEL CAP AND RELATED **VENTILATION SYSTEMS**

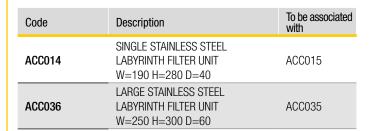




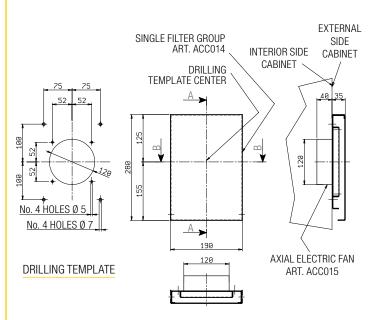
The filtering systems completely in stainless steel AISI 304L (Wnr 1.4307) with labyrinth spray protection device are mounted on the outside of the structure, allowing the replacement of the filtering grid without entering the panel.

They can all be coupled with the MPGAMMA ventilation systems (the fans must be mounted inside the panel).

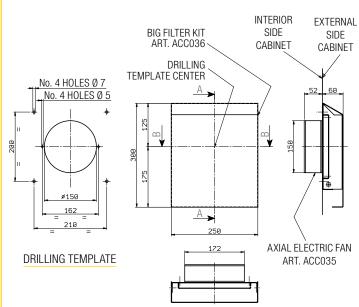
They are supplied in kits with drilling template and, on request, drillings on the carpentry are made at the factory.



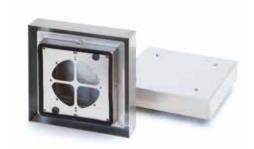
CODE ACC014



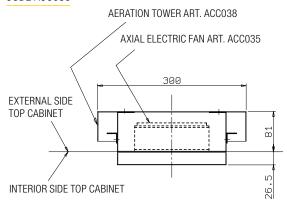
CODE ACC036

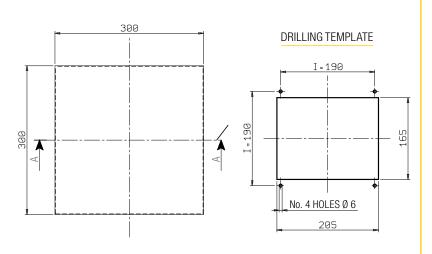


Code	Description	To be associated with
ACC038	STAINLESS STEEL LABYRINTH AERATION TOWER W=300 H=300 D=80	ACC035



CODE ACC038



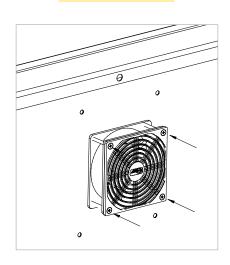


Code	Description	To be associated with
ACC015	AXIAL ELECTRIC FAN 230V 50/60 HZ DIM.120x120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC014
ACC015_120VAC	AXIAL ELECTRIC FAN 120VAC 50/60 HZ DIM.120x120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC014
ACC015_24V DC	AXIAL ELECTRIC FAN 24V DC 50/60 HZ DIM.120x120 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 156 M3/H (EFFIFICIENCY 75%)	ACC014
ACC035	AXIAL ELECTRIC FAN 230V 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC036
ACC035_120VAC	AXIAL ELECTRIC FAN 120VAC 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H AT 50 HZ (EFFICIENCY 75%)	ACC036
ACC035_24V DC	AXIAL ELECTRIC FAN 24V DC 50/60 HZ DIAM.150 WITH INTERNAL PROTECTION GRID RATED AIR FLOW 324 M3/H (EFFIFICIENCY 75%)	ACC036





CODE ACC015-ACC035







ADVICE ABOUT APPLICATION

We do not usually recommend to assemble at the factory the filtering system on the structure because, as any protruding accessory, it can be damaged during transport.

As far as the factory arrangement is concerned, it is advisable to drill the door (lower costs and shorter delivery time) rather than the sides.

A complete heat exchange system is usually composed of two filtering units or one filtering unit and one aeration tower and, if needed, a fan.

One filter must be mounted at the bottom and another at the top, possibly at the opposite sides of the panel. We recommend to mount the fan on the filter at the bottom so as to let the air flow into from below, put the panel slightly in over pressure and make the heat exchange easier thanks to the heating of the air which obviously tends to go upwards and to exit from the filter placed on the top (or from the tower).

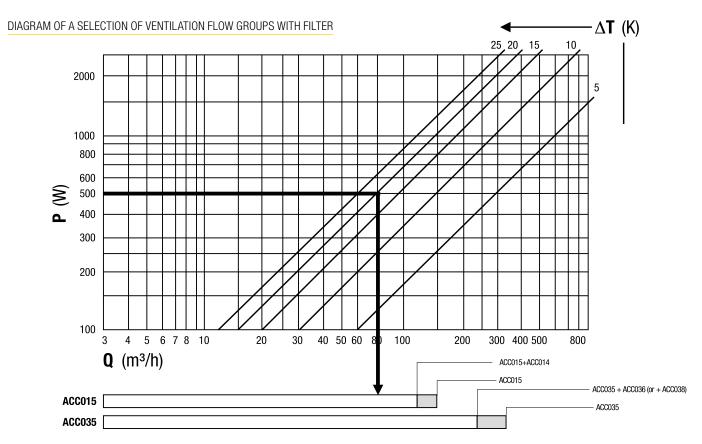
Sometimes this kind of application does not give goods results as some heat pockets may create due to the positioning of the appliances on the wiring plate; in this case the number of filters and fans must be increased or a conditioning system chosen from the wide range offered by MPGAMMA.

If the most warming devices are positioned at the top of the panel, we recommend to add a fan on the filter at the top (or on the tower) suitably set so as to discharge hot air.

To reverse the air flow of a fan you shall turn it symmetrically.

The ventilation systems which can be matched with the MPGAMMA stainless steel filters are available in several voltages and flow rates and do not need additional drilling besides that for the filters.

The filter-fan coupling (with filtering element in good cleaning conditions) reduces the air flow of 25-30% on average.



The max capacities are referred to standard filters.

Q = Ventilation capacity

P = Power dissipation in the cabinets

 ΔT = Temperature difference

Example:

Power dissipation Temperature difference Necessary air flow capacity

500 W 20 K 80 m³/h

Unit of choice ACC015 + ACC014



EXTERNAL STAINLESS STEEL PROTECTION CAPS FOR VENTILATION/ FILTERING SYSTEMS IN PLASTIC





Caps in AISI 304L (Wnr 1.4307) stainless steel which raise the protection level of the ventilation and filtering systems in plastic of the FAN $_$ ____ MPX and FIL $_$ ___ MPX series.

They are in fact designed to with stand the direct powerful blasts of water and detergent liquids that are normally used for sanitising food and pharmaceutical plants.

Just a few holes are needed to mount them on the structure on the sides of the slits for the filtering/ventilation systems.

Code	Description
HPS115	STAINLESS STEEL CAPS FOR FILTER/FAN DIMENSIONS 115x115
HPS150	STAINLESS STEEL CAPS FOR FILTER/FAN DIMENSIONS 150x150
HPS250	STAINLESS STEEL CAPS FOR FILTER/FAN DIMENSIONS 250x250
HPS325	STAINLESS STEEL CAPS FOR FILTER/FAN DIMENSIONS 325x325

ACCESSORIES



CONDUCTIVE SEALS





Suited to manufacture boxes and special cabinets where there is the need to reduce the effects of electromagnetic waves.

They are available in both the fitted version (to be mounted on a straight sheet metal edge) and the adhesive one.

Code	Description
ACC027_1	EMC SEAL COVERED WITH SATMET FABRIC (EURO/METRE, FITTED)
ACC027_2	10x4 ADHESIVE SEAL COVERED WITH SATMET FABRIC (EURO/METRE)



DIAGRAM POCKET





Made of self-adhesive orange plastic for A4-size diagrams.

Code	Description
ACC028	LARGE DIAGRAM POCKET (260x240x30)





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SMALL DIMENSIONS BOXES

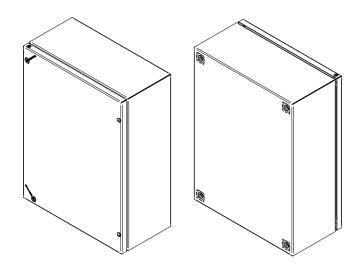
Serie CDN

SOLID DOOR BOX

- ➤ Watertight boxes made in AISI 304L (Wnr 1.4307) stainless steel.
- ► FINE external SATIN finish, medium Scotch-Brite type.
- ▶ Door opening a minimum 120° with stainless steel inner hinges, locks with stainless steel double wing insert, welded and finished corners
- ► Closure with anti-loss slotted screws
- ▶ Polyurethane seal with robotised application.
- ► Rear prearrangement for wall fixing
- ► Wiring plate ordered separately

OPTIONALS UPON REQUEST

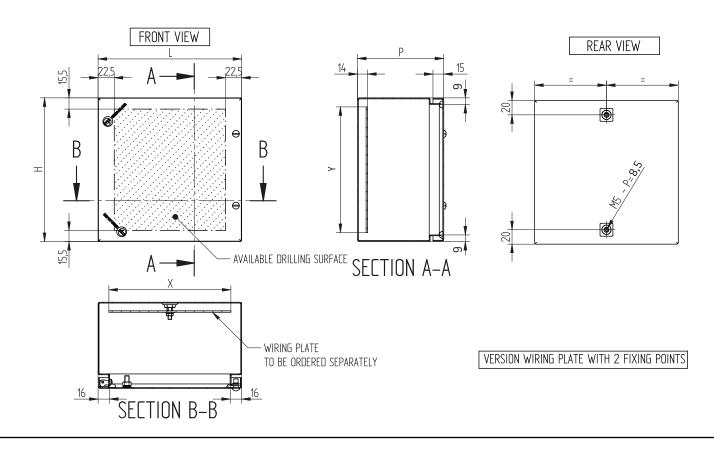
- Drilling as per design on body and door.
- ► Resistant silicone seals, from 50° C to + 180° C.
- ► Products made with AISI 316L or other special steels.
- ► Special dimensions.
- ► Generic and specific accessories

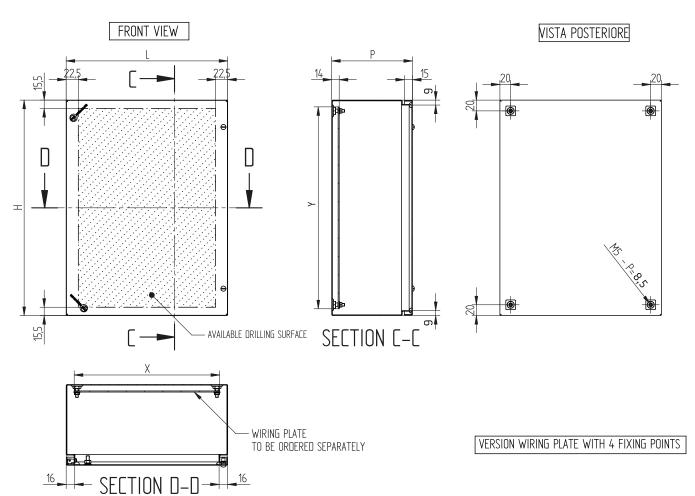




ITEM CODE	EXTERNAL DIMENSION			WIRING PLATE		FEATURES			
	L	Н	Р	X	Υ	N. CLOSING POINTS	N. FIXING POINTS	N. HINGES	
CDN202012	200	200	120	170	175	2	2	2	
CDN203012	200	300	120	170	275	2	2	2	
CDN204012	200	400	120	170	375	2 2		2	
CDN252512	250	250	120	220	225	2	4	2	
CDN253012	250	300	120	220	275	2	4	2	
CDN254012	250	400	120	220	375	2	4	2	
CDN303015	300	300	150	270	275	2	4	2	
CDN304015	300	400	150	270	375	2	4	2	

Serie CDN







STEEL FACTOR



LINE BOXES AT INCREASED HYGIENE

LINE BOXES AT INCREASED HYGIENE

CHD Series

MPGAMMA has designed and manufactured the new box line at increased hygiene completely made of stainless steel AISI 304L and fully sealed. This product was studied in particular to meet those high hygienic standards and expectations, which are normally required in application fields like food & beverage and pharmaceutical industries. Its design allows the maximum cleaning access, insuring the highest features about hygiene and protection degrees IP66-IP69K IK10.

The manufacturing line CHD can be made according to specific customer's special requirements and completed with a wide range of accessories.

CERTIFICATIONS









Features

- Sloped roof made of integrated panel at 30° forward.
- Upper edge to protect the sealing ring.
- Roboter-layed Polyurethane sealing ring.
- Surface finishing with extreme low roughness at RA < 0.3μ .
- Without inserts/holes on the back.
- Door with sloped edges and internal hinges (Standard position for the hinges on the left-hand side- reversible on demand).

- Hygienic locks (1 or 2, according to the size).
- Internal hinges with opening at 120°.
- Metal sheet thickness from 1,2 mm to 2 mm according to the dimensions.
- Mounting plate in zinc coated metal sheet.
- Protection degree IP66 IP69K IK10.

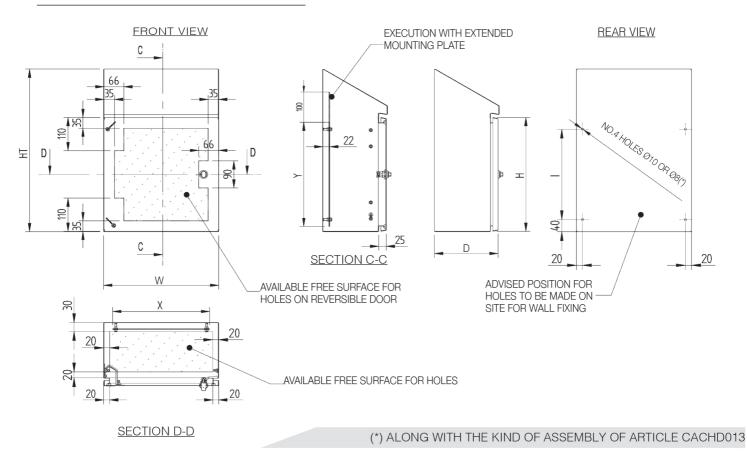
Plus on demand

- Special dimensions.
- Implementations made of 316L (Wnr 1.4404).
- Generic or specific accessories.

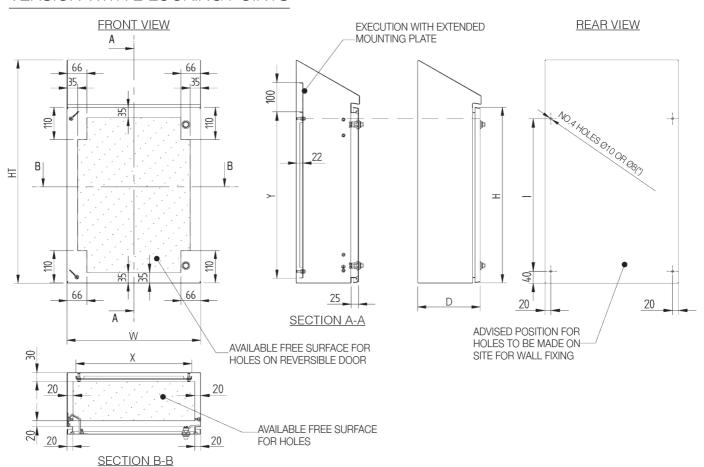
ARTICLE		EXTERNAL D	DIMENSIONS		MOUNTING PLATE		FEATURES			
NUMBER	W	Н	D	HT.	Х	Υ	No. LOCKING POINTS	No. SUPPOR- TING POINTS	No. OF HINGES	FIXING DISTANCE (I)
CHD253021	250	300	210	460	190	266	1	4	2	220
CHD383821	380	380	210	540	320	346	1	4	2	300
CHD386021	380	600	210	760	320	566	2	4	2	520
CHD454521	450	450	210	610	390	416	2	4	2	370
CHD456021	450	600	210	760	390	566	2	4	2	520
CHD606021	600	600	210	760	540	566	2	4	2	520
CHD604525	600	450	250	635	566	390	2	4	2	370
CHD606025	600	600	250	785	540	566	2	4	2	520
CHD806030	800	600	300	815	740	566	2	6	3	520
CHD808030	800	800	300	1015	740	766	2	6	3	720
CHD8010030	800	1000	300	1215	740	966	2	6	3	920
CHD8012030	800	1200	300	1415	740	1166	2	6	3	1120

"CHD" Serie

VERSION WITH 1 LOCKING POINT



VERSION WITH 2 LOCKING POINTS

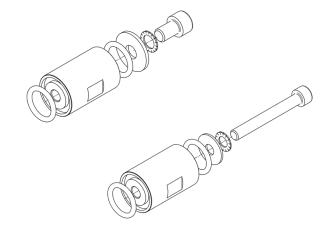


ACCESSORY

WALL FIXING KIT

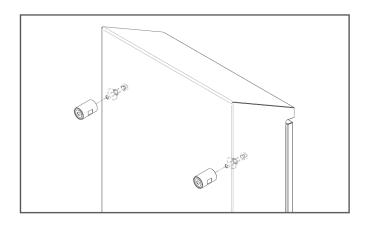
The wall fixing of the boxes has to be done by mean of the art. CACHD013, a kit consisting of 4 spacers and stainless steel screws. This is suitable for all the box sizes.

Drilling execution at customer charge.

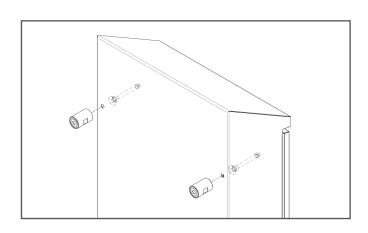


ARTICLE No.	DESCRIPTION
CACHD013	WALL FIXING KIT

DETAIL ON REAR SIDE FIXING BY MEAN OF SHORT SCREW



DETAIL ON REAR SIDE FIXING BY MEAN OF THROUGH SCREW





STEEL FACTOR



PENDANT CONTROL PANEL
JOINTS AND SUPPORT SYSTEMS
CONSOLE



PENDANT CONTROL PANEL ENCLOSURES KC SERIES

The Pendant control panel enclosures of the "KC" series are designed to contain command and control devices near the operator.



FEATURES

- Entirely made of AISI 304L steel (Wnr 1.4307).
- To be used in conjunction with the "T" series system of load-bearing arms with the relative GM series rotating joints (machine side) or GS series (Pendant control panel side) and fixed joints GF series to ensure smooth control of the instruments.
- Designed for support with arms featuring a 48 mm and 60 mm diameter.
- Can be assembled with the arm support on the lower or upper side and the door is reversible.
- Body with welded and finished corners.
- Door with rounded corners, can be opened to at least 120° with internal stainless steel hinges, side locks with stainless steel insert featuring a double flap, welded and finished corners.
- FINE external SATIN finish, medium Scotch-Brite type.
- Polyurethane seal with robotised application.
- Internal M6 studs bolts fixed at the back of the body to fix DIN bars or a galvanised wiring plate (item KP) to be ordered separately.
- · Ergonomic handle.
- Internal M6x16 stainless steel earthing threaded studs bolts.
- Sheet metal thickness values of the body and door from 12/10 mm to 15/10 mm depending on the size.

OPTIONALS UPON REQUEST

- Drilling as per design.
- Resistant silicone seals, from -50°C to + 180°C.
- Products made with AISI 316L or other special steels.
- Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEXKC-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).



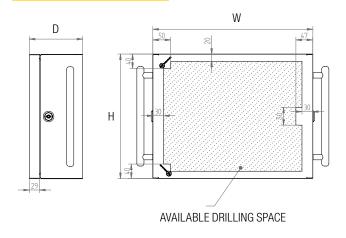




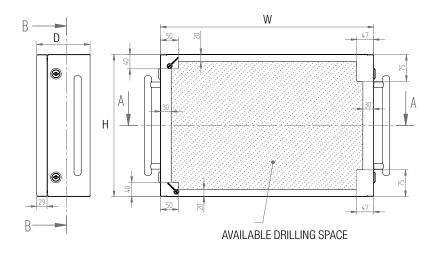


AVAILABLE ACCESSORIES

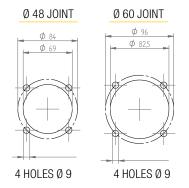
VERSION WITH 1 CLOSING POINT

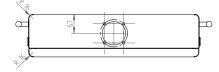


VERSION WITH 2 CLOSING POINTS

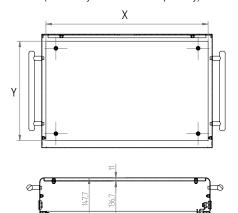


DRILLING DETAILS





WIRING PLATE (Accessory to be ordered separately)



AVAILABLE SPACE INSIDE THE PENDANT CONTROL PANEL WITH AND WITHOUT THE WIRING PLATE

		External dim.			Wiring pla	te	Features		
Code Art.	W	Н	D	X	Υ	Code	No. Closing points	No. Handles	Joint
KC403015	400	300	150	370	250	KP4030	1	2	Ø 48
KC453515	450	350	150	420	300	KP4535	1	2	Ø 48
KC504015	500	400	150	470	350	KP5040	2	2	Ø 60
KC505015	500	500	150	470	450	KP5050	2	2	Ø 60
KC604015	600	400	150	570	350	KP6040	2	2	Ø 60
KC605015	600	500	150	570	450	KP6050	2	2	Ø 60



PENDANT CONTROL PANEL ENCLOSURES KCS "SKIN" SERIES

The Pendant control panel enclosures of the KCS "SKIN" series feature an elegant and ultra-thin (just 100 mm) design and have been created to contain command and control devices near the operator.



FEATURES

- Entirely made of AISI 304L steel (Wnr 1.4307).
- At the back there is an inspectable and removable support acting as a link between the supporting arm and the pendant control panel enclosures.
- To be used in conjunction with the "T" series system of load-bearing arms with the relative GM series rotating joints (machine side) or GS series (Pendant control panel side) and fixed joints GF series to ensure smooth control of the instruments.
- Designed for support with arms featuring a 48 mm and 60 mm diameter.
- Can be assembled with the arm support on the lower or upper side and the door is reversible.
- Body with welded finished corners.
- Door with radial corners, can be opened to at least 120° with internal stainless steel hinges, side locks with stainless steel insert featuring a double flap, welded finished corners.
- FINE external SATIN finish, medium Scotch-Brite type.
- Polyurethane seal with robotised application.
- Ergonomic handle.
- Internal M6x16 stainless steel earthing threaded studs bolts.
- Sheet metal thickness values of the body and door from 12/10 mm to 15/10 mm depending on the size.

OPTIONALS UPON REQUEST

- · Drilling as per design.
- Resistant silicone seals, from -50°C to + 180°C.
- Products made with AISI 316L or other special steels.
- · Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

- IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II, Category -3-, Zone -22,2-) with the application of the accessory KIT-ATEXKCS-2-22.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).



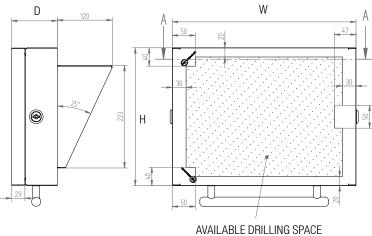




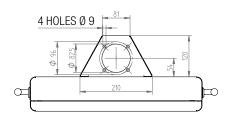


AVAILABLE ACCESSORIES

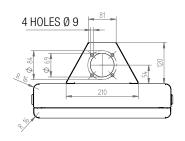
VERSION WITH 1 CLOSING POINT



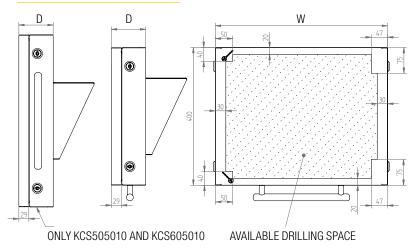
BRACKET FOR Ø 60 JOINT



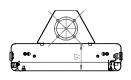
BRACKET FOR Ø 48 JOINT



VERSION WITH 2 CLOSING POINTS



AVAILABLE SPACE INSIDE THE PENDANT CONTROL PANEL



		External dim.		Features			
Code Art.	W	Н	D	No. Handles	No. Closing points	Shelves	
KCS403010	400	300	100	1 bottom one	1	for Ø 48 joint	
KCS453510	450	350	100	1 bottom one	1	for Ø 48 joint	
KCS504010	500	400	100	1 bottom one	2	for Ø 60 joint	
KCS505010	500	500	100	2 side ones	2	for Ø 60 joint	
KCS604010	600	400	100	1 bottom one	2	for Ø 60 joint	
KCS605010	600	500	100	2 side ones	2	for Ø 60 joint	



SUPPORTING SUSPENSION ARMST SERIES

Supporting systems consisting of arms and fixed or rotating joints.

To be used in conjunction with our KC and KCS series Pendant control panels items or any other enclosure with an adequate weight and size.



FEATURES

- Supporting arms system, item "T" with a diameter measuring 48 mm and 60 mm, fitted with fixed or rotating joints.
- Entirely made of AISI 304L (WNR 1.4307) with an external satin finish and smooth or sloping surfaces without interstices.
- Designed with a 330° rotation locking system to prevent damage to wiring cables.
- The KC403015, KC453515, KCS403010 and KCS453510 models are designed for supporting arms with a 48 mm diameter.
- The KC504015, KC505015, KC604015, KC605010, KCS504010, KCS505010, KCS604010 and KCS605010 models are designed for supporting arms with a 60 mm diameter.
- The arms are assembled and welded when they are supplied.
- For special applications with strong vibrations, lengths exceeding 1000 mm or heavy weights, it may be necessary to use specific reinforcements applied to the supporting arm.

OPTIONALS UPON REQUEST

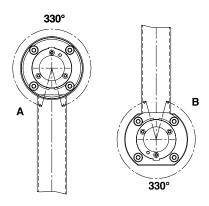
• Length and geometric shape of the arms according to customer specifications.

CERTIFICATIONS

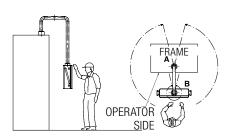
- IP66-IP69K-IK10 protection rating.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).



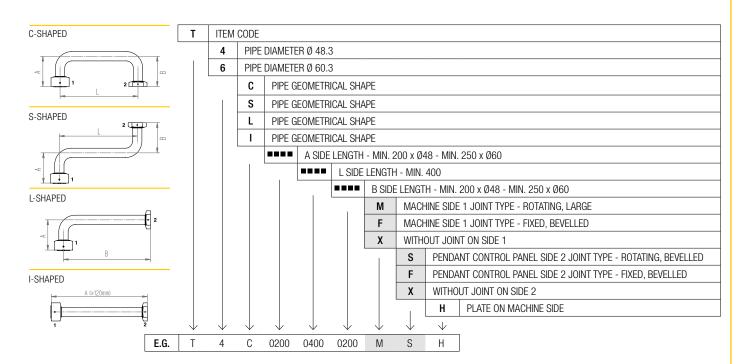


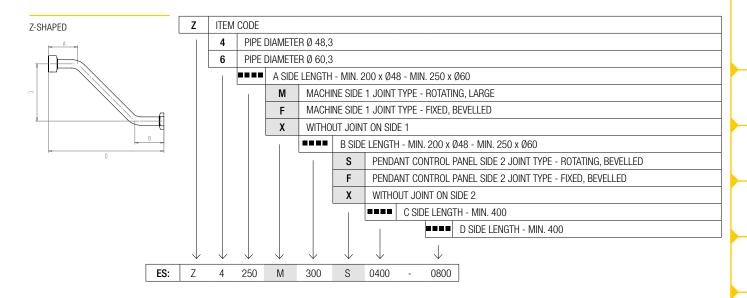


AVAILABLE ACCESSORIES



For orders or quotes, we recommend creating the code by using the designated diagram. Check the recommended minimum and maximum size, by specifying which is the machine side and the Pendant control panel side, as the type of joint is different. (See page 20 and 21 for the type of joint)







CONSOLE

ARCO T AND ARCO TS SERIES

The ARCO series was created to meet the need to protect industrial PCs and operator panels, the brain and the interface of all industrial automation systems.

Its enclosure, with an attractive design, is entirely made of AISI 304L (WNR 1.4307), one of the best-performing materials in terms of mechanical characteristics and corrosion resistance.

The ARCO T solution only consists of the upper storage box, while the TS version also includes the lower box with dropleaf opening. The 2 boxes are connected to each other to allow the cables to pass through.



FEATURES

- External box and dropleaf (only the TS version) featuring a FINE SATIN finish, medium Scotch-Brite.
- Upper box body with front and rear door that can be opened to 120° with internal stainless steel hinges, stainless steel locks and polyurethane seal with robotised application.
- Removable flange with screws and seal on the lower side of the box.
- Internal M6x15 stainless steel earthing threaded studs bolts, in line with current regulations.
- Supporting pipes, also made of AISI 304L, bent and mirror-polished with cable entry holes near the box body couplings.
- Solid AISI 304L base with ergonomic design and fitted with 4 heightadjustable feet and lower protections for the bottom infeed cables.
- Bottom dropleaf (TS version only) with front top-opening door with traction gas springs for speed-controlled opening.
- Pull-out mouse-holder.
- Keyboard fixing system.
- Galvanized sheet metal wiring plate attached at the back to fix a terminal block or other devices.

OPTIONALS UPON REQUEST

- Drilling as per design.
- Resistant silicone seals, from -50°C to + 180°C.
- Products made with AISI 316L or other special steels.
- · Special dimensions.
- Generic and specific accessories.

CERTIFICATIONS

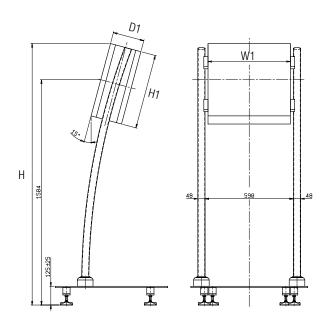
- IP66 IK10 protection rating in accordance with EN 62208.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).



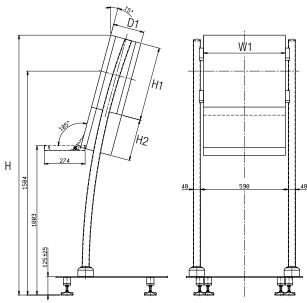


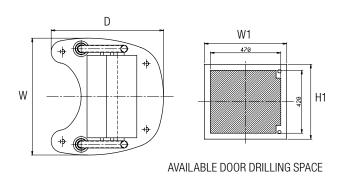
AVAILABLE ACCESSORIES

ARCO T











	Dimensions		Box dimensions			Keyboard Compartment	
Code Art.	W	Н	D	W1	H1	D1	H2
ARCO T	780	1746	750	550	500	210	-
ARCO TS	780	1746	750	550	500	210	280



PLP SERIES

The PLUMP Console was created to meet the need to protect industrial PCs and operator panels, the brain and the interface of all industrial monitoring and automation systems.

PLUMP is an innovative multipurpose system, whose enclosure is suitable for any kind of application.

An innovative design, the fact of being easy to clean, the high protection rating and especially the elegance complete the features of the PLUMP system, making it a valuable ally for installers, builders and design engineers in the field of machines and systems for food production and processing, pharmaceuticals, chemicals, as well as the oil and gas sector.

It ensures the operator panel can be integrated with the semiautomatic and manual controls.



FEATURES

- Made of AISI 304L (WNR 1.4307).
- FINE external SATIN finish, medium Scotch-Brite type.
- Available with the console container in 2 different sizes.
- Swivel joint with 330° lock under the enclosure of the console.
- N.02 ergonomic stainless steel side handles.
- N.02 side stainless steel handles with 1/4 of a turn and double flap insert
- Tilted console for improved ergonomics, with openable and reversible front door.
- Galvanised wiring plate.
- Removable rear flange flush with the sheet metal, without interstices, designed for drilling and installing ventilation systems (natural/forced, air-conditioning).
- Sturdy supporting rod, 60mm diameter.
- Base with removable cable infeed flange.
- Strong, wide base to ensure full safety and stability.

OPTIONALS UPON REQUEST

- Drilling as per design.
- Resistant silicone seals, from -50°C to + 180°C.
- Products made with AISI 316L or other special steels.
- · Special dimensions.
- Generic and specific accessories.

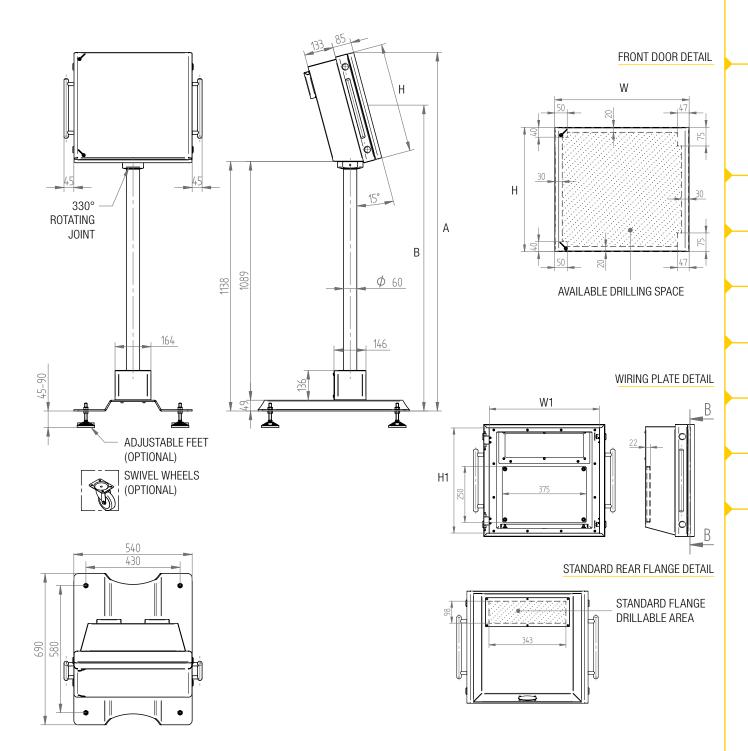
CERTIFICATIONS

- IP66-IK10 and IP69-IK10 protection rating in accordance with EN 62208.
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).





AVAILABLE ACCESSORIES



	Dimensions		Doors	Availabl inlet dim			overall nsions
Code Art.	W	Н	N°	W1	H1	Α	В
PLP5450	540	500	1	485	465	1635	1395
PLP6050	600	500	1	545	465	1635	1395



TRANSPARENT OVERDOOR











Made of AISI 304 L (WNR 1.4307) stainless steel and used to protect the components and devices mounted at the front of the enclosure, ensuring an IP66 IK10 and IP69K IK10 protection rating.

The transparent panel is made of shock-proof LEXAN as standard, but can be replaced with laminated safety glass.

Reversible door opening, i.e. the hinges can be mounted on the right or on the left: in the KC . KCS and PLP series it is 180°, while in the ARCO T and ARCO TS series, it is 90° or 180°, depending on the application.

A 1/4-turn lock installed, entirely made of stainless steel with 3mm double-flap insert, but can be replaced by any kind of lock or insert.



VERSION FOR PENDANT CONTROL PANELS





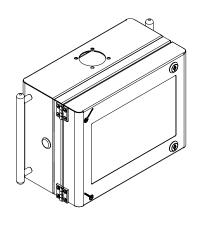
The overdoor is assembled in the factory and must be ordered together with the enclosure.

(The width of the overdoor must be the same as the one of the control panel.)

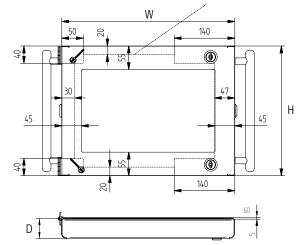
Code	W	Н	D
SVK40306	K40306 400		60
SVK45356	450	350	60
SVK50406	500	400	60
SVK50506	500	500	60
SVK60406	600	400	60
SVK60506	600	500	60

We can supply a kit to be assembled on site, by ordering the SVK_K code individually, consisting of a Pendant control panel door and overdoor.

Easy assembly, carried out directly by the final client.



AVAILABLE DRILLING SPACE ON THE PENDANT CONTROL PANEL DOOR WITH OVERDOOR





VERSION FOR PLUMP CONSOLE



The overdoor is assembled in the factory and must be ordered together with the Console.

Code	W	Н	D
SVPLP54506	540	500	60
SVPLP60506	600	500	60

We can supply a kit to be assembled on site, by ordering the SVPLP_K code individually, consisting of a Console door and overdoor.

Easy assembly, carried out directly by the final client.

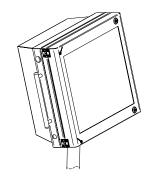
VERSION FOR ARCO CONSOLE

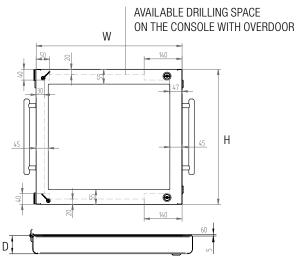




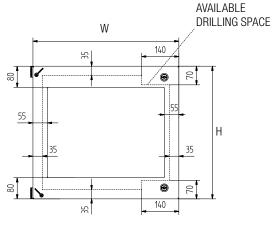
We supply an assembly kit with the relative template for drilling on side or it can be pre-assembled upon request.

Code	W	Н	D
SVARC055506	550	500	60













LOCKS AND KEYS











Keys and locks commonly used for Pendant control panel enclosures, KC and KCS series, ARCO T and ARCO TS series Consoles and PLP series Consoles. Locks and keys with any kind of insert, with ciphering or custom-made can be supplied upon request.

VERSION FOR PENDANT CONTROL PANELS AND CONSOLES







Code	Description
ACC016_KC	STEEL TWIN COMB LOCK STAINLESS STEEL 304 (without key)
ACC016_Q_KC	PANEL INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304 (with key)
ACC016_T_KC	TRIANGLE INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304 (with key)
ACC016_IG_KC	LOCK FOR HYGIENE STANDARDS MADE OF STAINLESS STEEL 316 (with key)
ACC017_1_KC	WING LOCK WITH CIPHERED KEY EK333
ACC017_1_C_KC	CHROMIUM-PLATED WING LOCK WITH CIPHERED KEY EK333
ACC018	BLACK ZAMAK TWIN COMB KEY
ACC020_KC	T-SHAPED POLYAMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333

VERSION FOR CONSOLE





Code	Description
ACC016	STEEL TWIN COMB LOCK STAINLESS STEEL 304 (without key)
ACC016_Q	PANEL INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304 (with key)
ACC016_T	TRIANGLE INSERT LOCK 8 mm MADE OF STAINLESS STEEL 304 (with key)
ACC016_IG	LOCK FOR HYGIENE STANDARDS MADE OF STAINLESS STEEL 316 (with key)
ACC017_1	WING LOCK WITH CIPHERED KEY EK333
ACC017_1_C	CHROMIUM-PLATED WING LOCK WITH CIPHERED KEY EK333
ACC018	BLACK ZAMAK TWIN COMB KEY
ACC020	T-SHAPED POLYAMIDE HANDLE GH=18 mm WITH CIPHERED KEY EK333





ACC016_KC ACC016



ACC017_1_KC ACC017_1



ACC016_Q_KC ACC016_Q



ACC017_1_C_KC ACC017_1_C



ACC016_T_KC ACC016_T





ACC020_KC ACC020



ACC016_IG_KC ACC016_IG



CONDUCTIVE SEALS











Suited to manufacture boxes and special cabinets where there is the need to reduce the effects of electromagnetic waves.

They are available in both the fitted version (to be mounted on a straight sheet metal edge) and the adhesive one.

Code	Description
ACC027_1	EMC SEAL COVERED WITH SATMET FABRIC (EURO/METRE, FITTED)
ACC027_2	10X4 ADHESIVE SEAL COVERED WITH SATMET FABRIC (EURO/METRE)



DIAGRAM POCKET

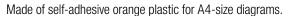












Code	Description
ACC028	LARGE DIAGRAM POCKET (260X240X30)



SWIVEL WHEELS KIT FOR CONSOLE







Kit consisting of 2 swivel wheels and 2 swivel wheels with brakes and AISI 304L (WNR 1.4307) stainless steel support and rubber tread.

Code	Description
ARCO_SAC011	SWIVEL WHEELS KIT FOR ARCO T / ARCO TS CONSOLE
PLP_SAC011	SWIVEL WHEELS KIT FOR PLP CONSOLE





LIFTING FEET KIT FOR CONSOLE



Kit consisting of:

- 4 adjustable feet with M12 rod made of AISI 304L stainless steel
- Articulated polyamide plate that can be anchored to the floor
- Screws for the assembly stage.



Code	Description
PLP_SAC008	KIT OF STAINLESS STEEL/POLYAMIDE FEET (no. 04 feet) H=50/150

BOTTOM TILTED SUPPORT FOR CONSOLE



For a better use of the console, we provide a simple and elegant stainless steel supporting surface.

Code	Description
PLP_SAC002	BOTTOM TILTED SUPPORT



PROTECTION CAPS KIT FOR CONSOLE VENTILATION/FILTERING SYSTEMS



To ensure correct ventilation for the internal components, the rear closure flange can be replaced with a stainless steel caps kit to protect the grilles ("FIL" series filters) for natural or forced ventilation (filter+fan of the "FAN" series) of a standard size, 115x115.

The PLP_K2HPS115 kit is used to ensure the protection rating is kept up to IP55 and is perfectly integrated into the design of the "PLUMP" console.



Code	Description
PLP_K2HPS115	STAINLESS STEEL CAP FOR FILTER/FAN 115x115 MM



OPEN DOOR LOCKING DEVICE FOR CONSOLE







Device that keeps the door of the ARCO T, ARCO TS and PLP series Console in the open position and prevents accidental closing.

It can be supplied in an assembly kit or pre-assembled upon request.

Assembly on site might require holes or the application of electro-welded studs.

Code	Description
ARCO_ACC048	OPEN DOOR LOCK FOR ARCO T / ARCO TS CONSOLE
PLP_ACC048	OPEN DOOR LOCK FOR PLP CONSOLE



WIRING PLATE



Wiring plate for KC series Pendant control panel, made of hot galvanised steel sheet.

For the positioning values inside the wall-mounted control container, see the technical drawings of KC models in the catalogue.

Code	Description
KP4030	WIRING PLATE FOR PENDANT CONTROL PANEL KC403015 - W= 370 H=250
KP4535	WIRING PLATE FOR PENDANT CONTROL PANEL KC453515 - W= 420 H=300
KP5040	WIRING PLATE FOR PENDANT CONTROL PANEL KC504015 - W= 470 H=350
KP5050	WIRING PLATE FOR PENDANT CONTROL PANEL KC505015 - W= 470 H=450
KP6040	WIRING PLATE FOR PENDANT CONTROL PANEL KC604015 - W= 570 H=350
KP6050	WIRING PLATE FOR PENDANT CONTROL PANEL KC605015 - W= 570 H=450





JOINT FIXING BRACKET

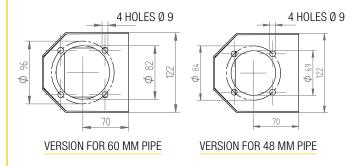


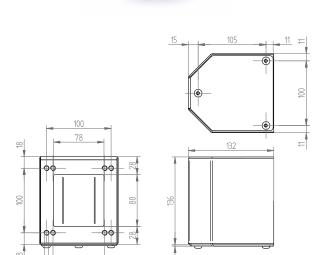




Specific stainless steel accessory for vertical wall-mounted pipe.

Code	Description
M48	FOR Ø 48 MM VERTICAL WALL-MOUNTED PIPE
M60	FOR Ø 60 MM VERTICAL WALL-MOUNTED PIPE





FIXED JOINT

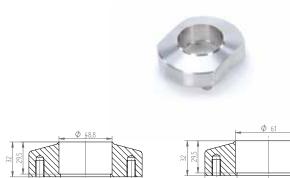




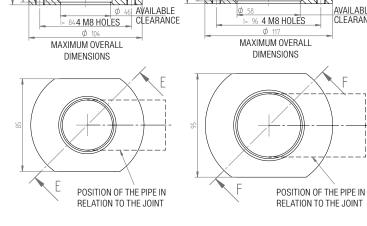


Specific stainless steel accessory that does not allow the rotation of the supporting arm.

Code	Description
GF48	FOR Ø 48 MM PIPE
GF60	FOR Ø 60 MM PIPE



8 M8 HOLES



GF48: FOR Ø48 PIPE

GF60: FOR Ø60.3 PIPE



ROTATING JOINT MACHINE SIDE

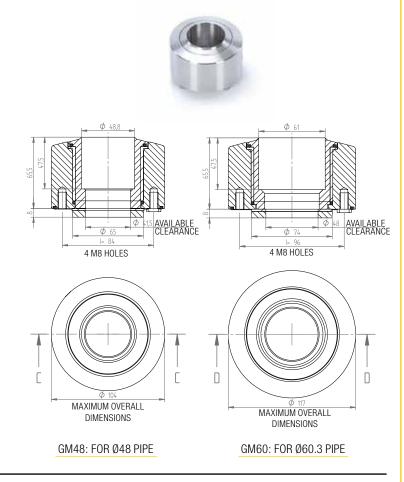






Specific stainless steel accessory for the pipe on the machine side, which ensures the rotation of the supporting arm and it supports its weight.

Code	Description
GM48	FOR Ø 48 MM PIPE FOR THE MACHINE SIDE
GM60	FOR Ø 60 MM PIPE FOR THE MACHINE SIDE



ROTATING JOINT PENDANT CONTROL PANEL SIDE

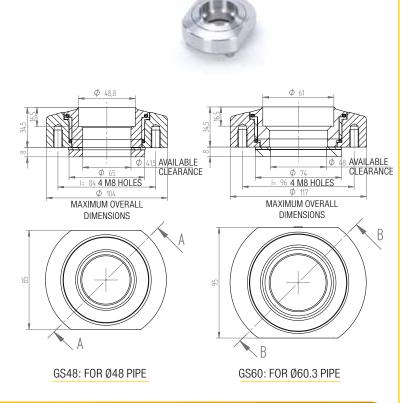






Specific stainless steel accessory for the pipe on the Pendant control panel side, which ensures the rotation of the supporting arm.

Code	Description
GS48	FOR Ø 48 MM PIPE FOR THE PENDANT CONTROL PANEL SIDE
GS60	FOR Ø 60 MM PIPE FOR THE PENDANT CONTROL PANEL SIDE





LOCKING KIT



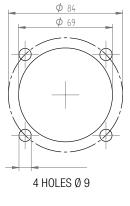




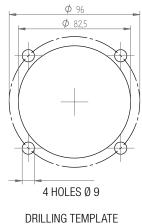
180° locking kit for stainless steel rotating joints.

Code	Description			
KGM-GS48_180	180° LOCKING KIT FOR ROTATING JOINTS — ITEM GM48 AND ITEM GS48			
KGM-GS60_180	180° LOCKING KIT FOR ROTATING JOINTS — ITEM GM60 AND ITEM GS60			





DRILLING TEMPLATE FOR Ø48 JOINT



DRILLING TEMPLATE FOR Ø60 JOINT



 •



AIR CONDITIONING SYSTEM

SAVING ENERGY



Saving energy is one of the main factors of innovation and production process transformation.

MPGAMMA is conscious and responsible towards increasingly efficient systems through the use of latest-generation components with high energy efficiency.

GLOBAL PARTNER



MPGAMMA is the only partner of **TEXA Industries Srl**. This close collaboration was born from the same desire to create a **complete range of solutions for industrial air conditioning**.

This partnership offers dedicated solutions and customized projects, according to the customer's suggestions and needs

CERTIFICATIONS

MPGAMMA owns the most important certifications to guarantee its customers a product that meets high, recognized and specific standards; a product used in every type of international market, where very high quality levels are required.

It can be installed in potentially explosive environments through **ATEX** declaration of conformity (ATEX Directive 2014/34/EU).

Moreover the mark **TÜV SÜD** guarantees a high degree of protection from external elements, while the mark **cURus** is related to safety and is the most recognized and accepted in the American and Canadian market.





AREAS OF APPLICATION

Thanks to the wide range and quality of its products, **MPGAMMA** meets the main needs of use in sectors such as:



/ FOOD AND BEVERAGE



/ PHARMACEUTICS



/CHEMICAL AND PETROCHEMICAL



/ COSMETICS



/ TELECOMMUNICATIONS



/INFRASTRUCTURE



Application tips

- When choosing an air conditioner, keep a margin of safety of at least 10% for the power output, taking the most demanding conditions of operation into account.
- Seal the cabinet well. Any cracks or other openings would significantly reduce the efficiency of the air conditioner and produce excessive amounts of condensate.
- The air conditioner (XEGO and XEMO) may be installed on the door or the wall, but always in the highest possible position in order to ensure that air is taken in from the top part of the cabinet, where there is a high temperature area.
- Regularly inspect the condensate collection (XDEK) tray in order to remove any impurities.
- The air conditioner is factory set to 35°C, the optimum temperature for most applications. Unless strictly necessary, avoiding lowering this temperature because it would reduce the efficiency of the air conditioner and cause excessive condensate production.

- Try to facilitate the air flow inside the electrical cabinet when designing the layout of the components. Avoid blocking the air inlet or outlet with components installed too close together.
 - Any components with internal ventilation of their own must have their air flow arranged so as to not impede the air flow of the air conditioner.
- Disable the air conditioner if the cabinet doors are opened to prevent excessive condensate production. Install a limit switch on the door for this purpose.
- The air conditioner power supply line must be protected with a time delay fuse or circuit breaker of suitable size on the basis of the unit's technical data.

DOOR-OR WALL-MOUNT AIR CONDITIONERS

XEGO Series



Door or wall mounted air conditioners, XEGO series, are used to regulate the internal temperature of the enclosures, in case the heat exchange isn't enough to guarantee the correct functioning of the components installed inside.

Certifications

XEGO air conditioners allow the cabinet to retain an IP34 (ambient side) and IP55 rating (cabinet side), thanks to the special internal configuration, which separates the external and internal air flows in a sealed manner, and the selfadhesive coupling gasket.

On request, the UL version is available only on some models listed in the reference table of each article.







Features

- The external protective casing is made in AISI 304L (Wnr 1.4307) stainless steel with a Scotch-brite satin finish that imparts characteristics of resistance to corrosion and cleanability.
- The available power outputs range from 300 to 9400 W (standard up to 3850 W) covering most electrical cabinet cooling requirements in an extremely compact size.
- All conditioning systems have standard electronic adjustment. The digital microprocessor controller guarantees constant operating parameter diagnostics:
- Temperature control with ON/OFF setting.
- Current temperature display inside the panel.
- Instant indication of anomalies (maximum temperature, minimum temperature, external alarm).
- Possibility of turning the compressor off if the door is open to avoid condensation forming.
- "Compressor protection" function (against closeup starts of the compressor).
- Digital input for signalling an external alarm.
- Possibility of interfacing with PLC.
- Installation is very quick by simply drilling the cabinet panel and fastening systems which are included in the air conditioner package. This features provisions for the electrical connections to be made quickly and safely using fast connectors inserted in the rear of the unit.
- The air inside the cabinet is taken in from the upper part of the cabinet, cooled inside the air conditioner and directed back into the cabinet with a highspeed flow directed towards the bottom. This ensures both optimum cooling of the entire cabinet and the prevention of hot points in the electronic components.

- All units are equipped with heat exchange surfaces designed to prevent clogging by solid contaminants present in the ambient air. The condensing coils are protected by a hydrophilic treatment which prevents dirt and corrosion. They maintain high levels of efficiency even in demanding environmental conditions, drastically reducing maintenance requirements and thus allowing the air conditioner to operate without an external air filter.
- They have been designed to minimise disturbance from noise. To help protect the environment, these air conditioners use R134a or R407C CFC-free refrigerant, which do not damage the ozone layer.
- XEGO air conditioners are available for the most common AC voltages: 230V single phase, 400-440V two phase (for concatenated voltage power supply when neutral is not present), 115V single phase, 400V three phase, all in 50-60 Hz dual frequency versions, and 400V and 460V three phase single frequency (50 or 60 Hz) versions. On request, and for adequate quantities, versions for voltages that are not given in the catalogue are also available.
- With a special cover all XEGO and KXEGO versions can be semirecessed mounted to minimise the space taken up externally.

• On demand:

XEGO..._SGP version including:

- Electronic thermostat with protection cup.
- Condensing coil and refrigeration pipes with cataphoresis treatment.
- Electrical connection for outdoor.

XEMO... version for outdoor application including:

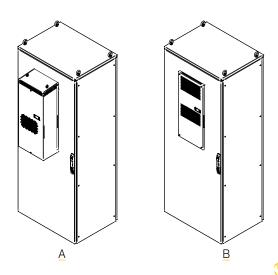
- Mechanical thermostat with protection cup.
- Condensing coil and refrigeration pipes with cataphoresis treatment.
- Electrical connection for outdoor.

Installation

Two installation options:

A External

B Semi-recessed, if it is combined with optional external protective casing



XEGOS3 Series

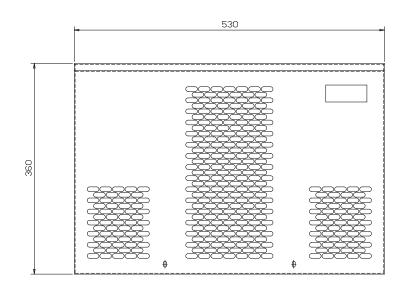
DOOR-OR WALL-MOUNT AIR CONDITIONERS

COOLING CAPACITY 300 W



PERFORMANCE 600 500 Τi 400 300 45 40 35 30 25 200 100 0 ⁵⁰ Ta 20 30 35 P = Cooling capacity (W) ■ Ta = Ambient Temperature (°C) ■ Ti = Internal cabinet temperature (°C)

DIMENSIONS





XEGOS3 Series

CHARACTERISTICS	U.M.	XEGOS3BT1B_MPX
Cooling capacity EN14511 - A35A35	W	300
Cooling capacity EN14511 - A35A50	W	150
Power supply	V ~ Hz	230 1~ 50-60
Width	mm	530
Height	mm	360
Depth	mm	136,5
Max. current	A	1,5
Inrush current	А	4,2
Fuse T	A	4
Absorbed electric power EN14511 - A35A35	W	270
Absorbed electric power EN14511 - A35A50	W	310
Duty cycle	-	100%
Electrical connection	-	4 pole plug
Refrigerant R134a	kg	0,12
Cooling circuit max. pressure	bar	25
External fan air flow	m³/h	280
Enclosure fan air flow	m³/h	280
Internal temperature range	°C	20-46
Temperature setting	-	Electronic thermostat factory set at 35°C
External temperature range	°C	20-55*
Protection level EN60529 - enclosure side	-	IP55
Protection level EN60529 - ambient side	-	IP34
Noise level	dB (A)	61
Weight	kg	14
Material	-	Stainless Steel
Conformity	-	(€

* 50 °C at 60 Hz

OTHER VERSIONS

Semi-recessed assembled version	
Outdoor application version (XEMO)	-
SGP version	XEGOS3BT1B_SGP
SGP_UL version	-

The **_SGP** version includes:

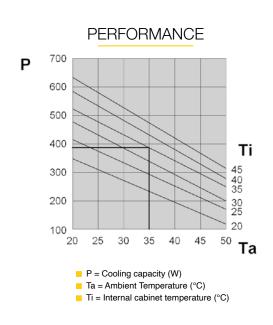
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

XEGO04 Series

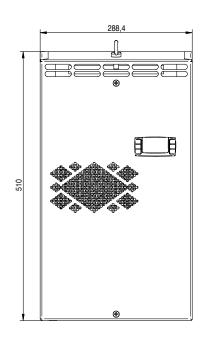
DOOR-OR WALL-MOUNT AIR CONDITIONERS

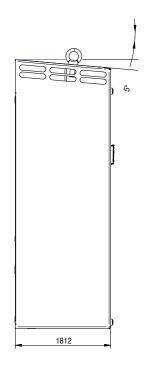
COOLING CAPACITY 380 W

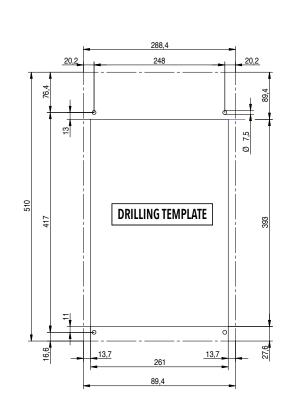




DIMENSIONS







XEGO04 Series

CHARACTERISTICS	U.M.	XEGO04BT1B_MPX	XEGO04BTVB_MPX_UL	XEGO04CT1B_MPX
Cooling capacity EN14511 - A35A35	W	380	380	380
Cooling capacity EN14511 - A35A50	W	240	240	240
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60
Width	mm	288,4	288,4	288,4
Height	mm	510	510	510
Depth	mm	181,2	181,2	181.2+35**
Max. current	Α	1,6	1,7	3,2
Inrush current	А	6	6	11
Fuse T	А	4	4	6
Absorbed electric power EN14511 - A35A35	W	230	280	240
Absorbed electric power EN14511 -A35A50	W	260	330	270
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,16	0,16	0,16
Cooling circuit max. pressure	bar	26	28	26
External fan air flow	m³/h	280	280	280
Enclosure fan air flow	m³/h	280	280	280
Internal temperature range	°C	20-46	20-50	20-46
Temperature setting	-	Electro	onic thermostat factory set	at 35°C
External temperature range	°C	20-55*	20-55*	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	60	65	60
Weight	kg	17	17	18
Material	-	Stainless Steel		
Conformity	-	C€	(€ c FL us	C€

^{* 50 °}C at 60 Hz

OTHER VERSIONS

Semi-recessed assembled version	XEGO04BT0B_MPX	•	XEGO04CT0B_MPX
Outdoor application version (XEMO)	XEMO04BM1B_MPX	-	XEMO04CM1B_MPX
SGP version	XEGO04BT1B_SGP		XEGO04CT1B_SGP
SGP_UL version	-	XEGO04BTVB_SGP_UL	

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version **(XEMO)** includes:

- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

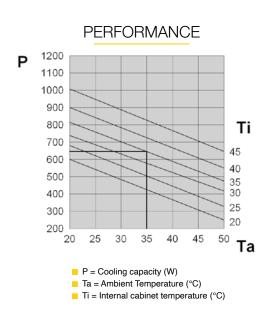
^{**} for external autotransformer dimensions

XEGO06 Series

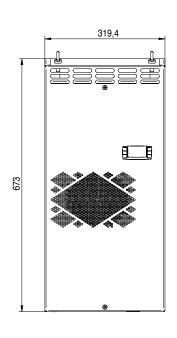
DOOR-OR WALL-MOUNT AIR CONDITIONERS

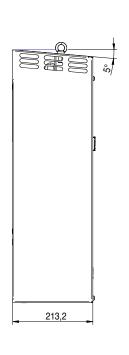
COOLING CAPACITY 640 W

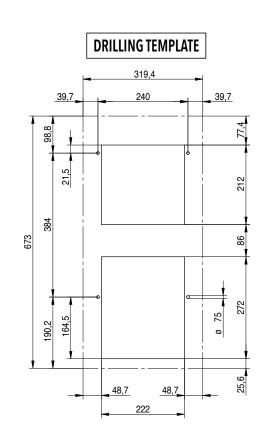




DIMENSIONS







XEGO06 Series

CHARACTERISTICS	U.M.	XEGO06BT1B_MPX	XEGO06BTVB_MPX_UL	XEGO06CT1B_MPX	XEGO06GT1B_MPX
Cooling capacity EN14511 - A35A35	W	640	640	640	640
Cooling capacity EN14511 - A35A50	W	470	470	470	470
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	319,4	319,4	319,4	319,4
Height	mm	673	673	673	673
Depth	mm	212	212	212+42**	212+58**
Max. current	Α	2,1	2,6	4,4	1,2
Inrush current	А	8,1	8,1	16	5
Fuse T	А	6	6	8	2
Absorbed electric power EN14511 - A35A35	W	380	400	390	390
Absorbed electric power EN14511 -A35A50	W	420	470	430	430
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,26	0,26	0,26	0,26
Cooling circuit max. pressure	bar	25	28	25	25
External fan air flow	m³/h	570	570	570	570
Enclosure fan air flow	m³/h	330	330	330	330
Internal temperature range	°C	20-46	20-50	20-46	20-46
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	21	21	22	22
Material	-		Stainles	ss Steel	
Conformity	-	C€	(€ , ₽1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	C€	C€

OTHER VERSIONS

Semi-recessed assembled version	XEGO06BT0B_MPX	-	XEGO06CT0B_MPX	XEGO06GT0B_MPX
Outdoor application version (XEMO)	XEMO06BM1B_MPX	-	XEMO06CM1B_MPX	XEMO06GM1B_MPX
SGP version	XEGO06BT1B_SGP		XEGO06CT1B_SGP	XEGO06GT1B_SGP
SGP_UL version		XEGO06BTVB_SGP_UL	-	

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version (XEMO) includes:

- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

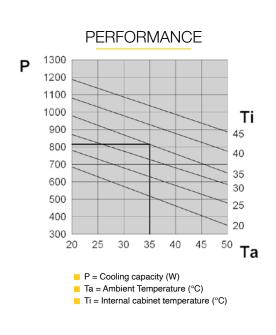
^{* 50 °}C at 60 Hz ** for external autotransformer dimensions

XEGO08 Series

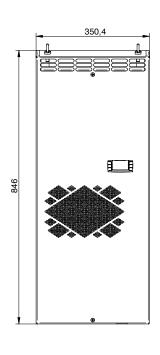
DOOR-OR WALL-MOUNT AIR CONDITIONERS

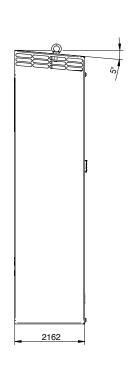
COOLING CAPACITY 820 W

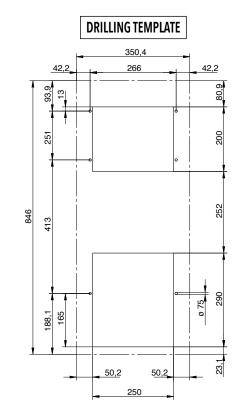




DIMENSIONS







XEGO08 Series

CHARACTERISTICS	U.M.	XEGO08BT1B_MPX	XEGO08BTVB_MPX_UL	XEGO08CT1B_MPX	XEGO08GT1B_MPX
Cooling capacity EN14511 - A35A35	W	820	820	820	820
Cooling capacity EN14511 - A35A50	W	680	680	680	680
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	348	348	348	348
Height	mm	783	783	783	783
Depth	mm	216	216	216+42**	216+58**
Max. current	Α	2,6	3,1	5,3	1,7
Inrush current	А	10,8	10,8	21,5	6,1
Fuse T	Α	6	6	10	6
Absorbed electric power EN14511 - A35A35	W	410	440	420	420
Absorbed electric power EN14511 -A35A50	W	490	490	500	500
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,28	0,21	0,28	0,28
Cooling circuit max. pressure	bar	25	28	25	25
External fan air flow	m³/h	570	570	570	570
Enclosure fan air flow	m³/h	330	330	330	330
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	27	27	28	28
Material	-		Stainles	ss Steel	
Conformity	-	C€	(€ c %) vs	C€	C€

OTHER VERSIONS

Semi-recessed assembled version	XEGO08BT0B_MPX	-	XEGO08CT0B_MPX	XEGO08GT0B_MPX
Outdoor application version (XEMO)	XEMO08BM1B_MPX	-	XEMO08CM1B_MPX	XEMO08GM1B_MPX
SGP version	XEGO08BT1B_SGP	-	XEGO08CT1B_SGP	XEGO08GT1B_SGP
SGP_UL version	•	XEGO08BTVB_SGP_UL	-	-

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version (XEMO) includes:

- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

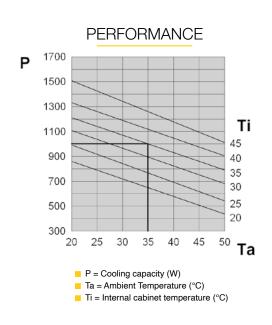
^{* 50 °}C at 60 Hz ** for external autotransformer dimensions

XEGO10 Series

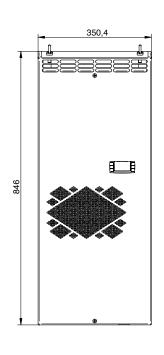
DOOR-OR WALL-MOUNT AIR CONDITIONERS

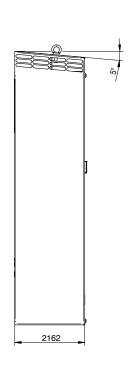
COOLING CAPACITY 1000 W

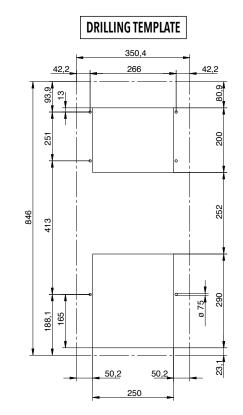




DIMENSIONS







XEGO10 Series

CHARACTERISTICS	U.M.	XEGO10BT1B_MPX	XEGO10BTVB_ MPX_UL	XEGO10CT1B_MPX	XEGO10GT1B_MPX	XEGO10KTVB_ MPX_UL
Cooling capacity EN14511 - A35A35	W	1000	1000	1000	1000	1000
Cooling capacity EN14511 - A35A50	W	790	790	790	790	790
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60	400/460 2~ 50-60
Width	mm	350,4	350,4	350,4	350,4	350,4
Height	mm	846	846	846	846	846
Depth	mm	216,2	216,2	216,2+42**	216,2+58**	216,2+58**
Max. current	А	3	3,1	6,7	2	2
Inrush current	А	10,5	10,5	23	8	8
Fuse T	А	6	6	10	4	4
Absorbed electric power EN14511 - A35A35	W	470	590	490	490	620
Absorbed electric power EN14511 -A35A50	W	560	670	580	580	710
Duty cycle	-	100%	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,27	0,24	0,27	0,27	0,24
Cooling circuit max. pressure	bar	25	28	25	25	28
External fan air flow	m³/h	570	570	570	570	570
Enclosure fan air flow	m³/h	330	330	330	330	330
Internal temperature range	°C	20-46	20-50	20-46	20-46	20-50
Temperature setting	-		Electronic	thermostat factory	set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65	65
Weight	kg	28	28	29	29	29
Material	-			Stainless Steel		
Conformity	-	C€	(€ ¢ % ¥)	C€	C€	(€ €\$1 ¥⊌s

OTHER VERSIONS

Semi-recessed assembled version	XEGO10BT0B_MPX	-	XEGO10CT0B_MPX	XEGO10GT0B_MPX	-
Outdoor application version (XEMO)	XEMO10BM1B_MPX	-	XEMO10CM1B_MPX	XEMO10GM1B_MPX	-
SGP version	XEGO10BT1B_SGP	-	XEGO10CT1B_SGP	XEGO10GT1B_SGP	-
SGP_UL version	-	XEGO10BTVB_SGP_ UL	-	-	XEGO10KTVB_SGP_ UL

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version (XEMO) includes:

- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

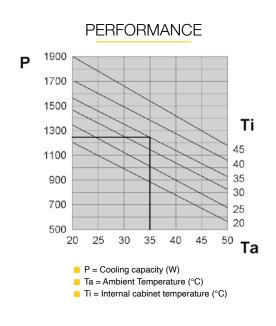
^{* 50 °}C at 60 Hz ** for external autotransformer dimensions

XEGO12 Series

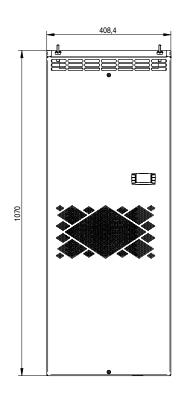
DOOR-OR WALL-MOUNT AIR CONDITIONERS

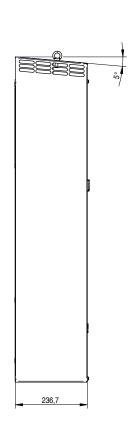
COOLING CAPACITY 1250 W

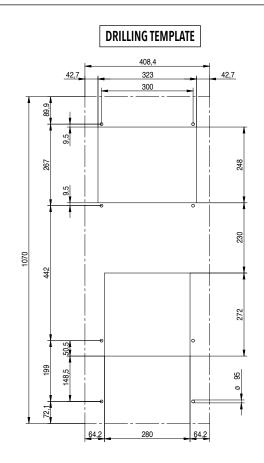




DIMENSIONS







XEGO12 Series

CHARACTERISTICS	U.M.	XEGO12BT1B_MPX	XEGO12BTVB_MPX_UL	XEGO12CT1B_MPX	XEGO12GT1B_MPX
Cooling capacity EN14511 - A35A35	W	1250	1250	1250	1250
Cooling capacity EN14511 - A35A50	W	910	910	910	910
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	408,4	408,4	408,4	408,4
Height	mm	1070	1070	1070	1070
Depth	mm	236,7	236,7	236,7	236,7
Max. current	А	3,8	5	7,6	2,2
Inrush current	Α	11	11	24	8,5
Fuse T	А	6	8	10	4
Absorbed electric power EN14511 - A35A35	W	680	710	690	690
Absorbed electric power EN14511 -A35A50	W	790	820	800	800
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,38	0,29	0,38	0,38
Cooling circuit max. pressure	bar	25	28	25	25
External fan air flow	m³/h	860	860	860	860
Enclosure fan air flow	m³/h	570	570	570	570
Internal temperature range	°C	20-46	20-50	20-46	20-46
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	38	38	40	40
Material	-		Stainles	ss Steel	
Conformity	-	C€	(€ c FL) ₀₅	C€	C€

OTHER VERSIONS

Semi-recessed assembled version	XEGO12BT0B_MPX	-	XEGO12CT0B_MPX	XEGO12GT0B_MPX
Outdoor application version (XEMO)	XEMO12BM1B_MPX		XEMO12CM1B_MPX	XEMO12GM1B_MPX
SGP version	XEGO12BT1B_SGP	-	XEGO12CT1B_SGP	XEGO12GT1B_SGP
SGP_UL version	-	XEGO12BTVB_SGP_UL	-	-

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version (XEMO) includes:

- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

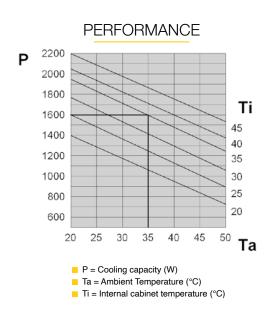
^{* 50 °}C at 60 Hz ** for external autotransformer dimensions

XEGO16 Series

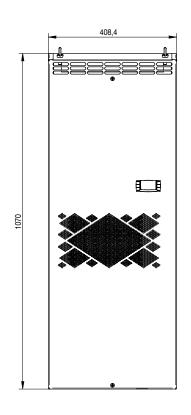
DOOR-OR WALL-MOUNT AIR CONDITIONERS

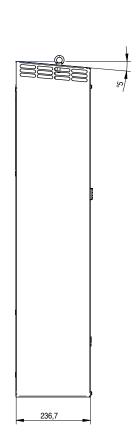
COOLING CAPACITY 1600 W

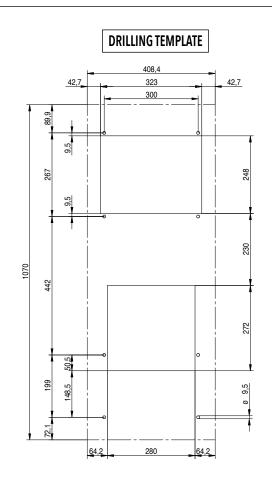




DIMENSIONS







XEGO16 Series

CHARACTERISTICS	U.M.	XEGO16BT1B_MPX	XEGO16BTVB_ MPX_UL	XEGO16CT1B_MPX	XEGO16GT1B_MPX	XEGO16KTVB_ MPX_UL
Cooling capacity EN14511 - A35A35	W	1600	1600	1600	1600	1600
Cooling capacity EN14511 - A35A50	W	1230	1230	1230	1230	1230
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60	400/460 2~ 50-60
Width	mm	405	405	405	405	405
Height	mm	999	999	999	999	999
Depth	mm	237	237	237	237	237
Max. current	А	5,3	6	12,9	2,9	3
Inrush current	А	18	18	39	11	11
Fuse T	Α	10	10	20	6	5
Absorbed electric power EN14511 - A35A35	W	820	850	840	840	960
Absorbed electric power EN14511 -A35A50	W	940	970	960	960	1170
Duty cycle	-	100%	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,46	0,46	0,46	0,46	0,46
Cooling circuit max. pressure	bar	25	25	25	25	28
External fan air flow	m³/h	1050	1050	1050	1050	1050
Enclosure fan air flow	m³/h	570	570	570	570	570
Internal temperature range	°C	20-50	20-50	20-50	20-50	20-50
Temperature setting	-		Electronic	thermostat factory	set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65	65
Weight	kg	40	42	42	42	42
Material	-			Stainless Steel		
Conformity	-	C€	(€ ¢ 91 ′us	C€	C€	(€ ¢ 91 ′vs

* 50 °C at 60 Hz

OTHER VERSIONS

Semi-recessed assembled version	XEGO16BT0B_MPX	-	XEGO16CT0B_MPX	XEGO16GT0B_MPX	-
Outdoor application version (XEMO)	XEMO16BM1B_MPX	-	XEMO16CM1B_MPX	XEMO16GM1B_MPX	-
SGP version	XEGO16BT1B_SGP		XEGO16CT1B_SGP	XEGO16GT1B_SGP	-
SGP_UL version	-	XEGO16BTVB_SGP_ UL	-		XEGO16KTVB_SGP_ UL

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version **(XEMO)** includes:

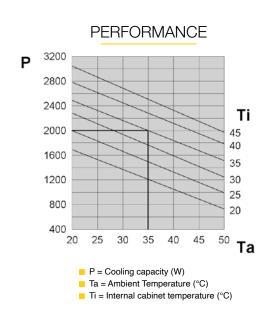
- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

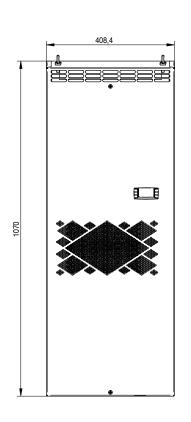
XEGO20 Series

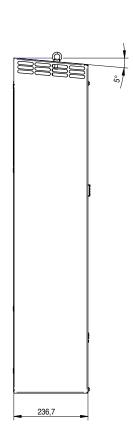
DOOR-OR WALL-MOUNT AIR CONDITIONERS

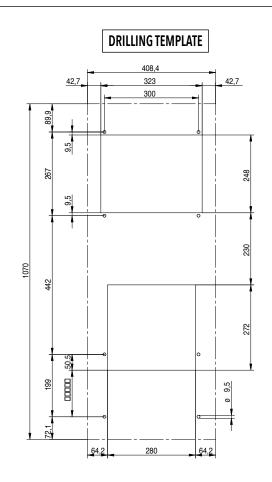
COOLING CAPACITY 2000 W











XEGO20 Series

CHARACTERISTICS	U.M.	XEGO20BT1B_MPX	XEGO20BTVB_ MPX_UL	XEGO20CT1B_MPX	XEGO20LT1B_MPX	XEGO20NTVB_ MPX_UL
Cooling capacity EN14511 - A35A35	W	2000	2000	2000	2000	2000
Cooling capacity EN14511 - A35A50	W	1510	1510	1510	1510	1510
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~50-60	400 3~ 50-60	460 3~ 60
Width	mm	408,4	408,4	408,4	408,4	408,4
Height	mm	1070	1070	1070	1070	1070
Depth	mm	236,7	236,7	236,7	236,7	236,7
Max. current	А	6,5	7	13,3	2,5	2,7
Inrush current	А	24	24	48	10	14
Fuse T	Α	10	10	20	6	5
Absorbed electric power EN14511 - A35A35	W	1030	1100	1070	880	1220
Absorbed electric power EN14511 -A35A50	W	1180	1300	1210	1050	1440
Duty cycle	-	100%	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,58	0,54	0,58	0,65	0,61
Cooling circuit max. pressure	bar	25	28	25	25	28
External fan air flow	m³/h	1050	1050	1050	1050	1050
Enclosure fan air flow	m³/h	860	860	860	860	860
Internal temperature range	°C	20-46	20-50	20-46	20-46	20-50
Temperature setting	-		Electronic	thermostat factory	set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65	65
Weight	kg	52	52	54	54	54
Material	-			Stainless Steel		
Conformity	-	C€	(€ ¢ % us	C€	C€	(€ ¢ % ∑us

* 50 °C at 60 Hz

OTHER VERSIONS

Semi-recessed assembled version	XEGO20BT0B_MPX	-	XEGO20CT0B_MPX	XEGO20LT0B_MPX	-
Outdoor application version (XEMO)	XEMO20BM1B_MPX	-	XEMO20CM1B_MPX	XEMO20LM1B_MPX	-
SGP version	XEGO20BT1B_SGP	-	XEGO20CT1B_SGP	XEGO20LT1B_SGP	
SGP_UL version	-	XEGO20BTVB_ SGP_UL			XEGO20NTVB_ SGP_UL

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version **(XEMO)** includes:

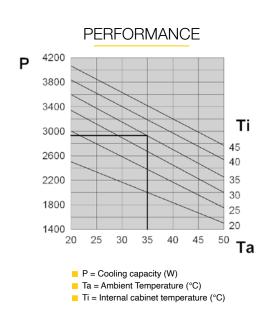
- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

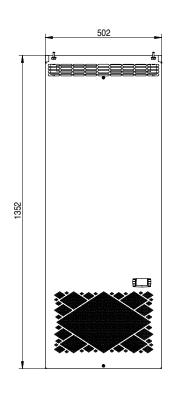
XEGO30 Series

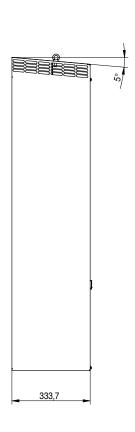
DOOR-OR WALL-MOUNT AIR CONDITIONERS

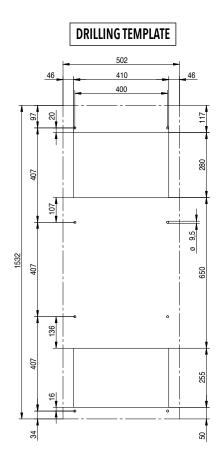
COOLING CAPACITY 2900 W











XEGO30 Series

CHARACTERISTICS	U.M.	XEGO30BT1B_MPX	XEGO30LT1B_MPX	XEGO30NTVB_MPX_UL	
Cooling capacity EN14511 - A35A35	W	2900	2900	2900	
Cooling capacity EN14511 - A35A50	W	2250	2250	2250	
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60	460 3~ 60	
Width	mm	500	500	500	
Height	mm	1270	1270	1270	
Depth	mm	336	336	336	
Max. current	А	8,2	2,6	3,7	
Inrush current	А	37,4	14	15	
Fuse T	А	16	6	6	
Absorbed electric power EN14511 - A35A35	W	1340	1220	1810	
Absorbed electric power EN14511 -A35A50	W	1560	1440	2020	
Duty cycle	-	100%	100%	100%	
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	
Refrigerant R134a	kg	0,84	0,84	0,84	
Cooling circuit max. pressure	bar	25	25	25	
External fan air flow	m³/h	1450	1450	1450	
Enclosure fan air flow	m³/h	1450	1450	1450	
Internal temperature range	°C	20-50	20-50	20-50	
Temperature setting	-	Electro	nic thermostat factory set	at 35°C	
External temperature range	°C	20-46	20-46	20-50	
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55	
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	
Noise level	dB (A)	70	70	70	
Weight	kg	80	84	84	
Material	-	Stainless Steel			
Conformity	-	C€	CE	(€ ;₹1) us	

OTHER VERSIONS

Semi-recessed assembled version	XEGO30BT0B_MPX	XEGO30LT0B_MPX	-
Outdoor application version (XEMO)	XEMO30BM1B_MPX	XEMO30LM1B_MPX	-
SGP version	XEGO30BT1B_SGP	XEGO30LT1B_SGP	-
SGP_UL version	•	•	XEGO30NTVB_SGP_UL

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version **(XEMO)** includes:

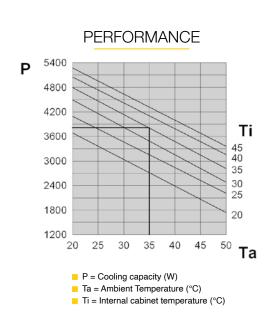
- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

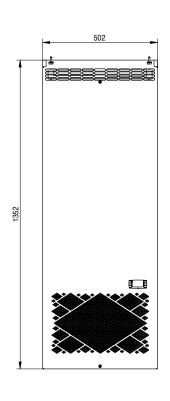
XEGO40 Series

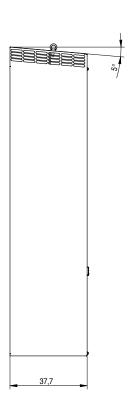
DOOR-OR WALL-MOUNT AIR CONDITIONERS

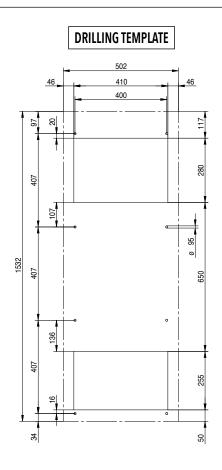
COOLING CAPACITY 3850 W











XEGO40 Series

CHARACTERISTICS	U.M.	XEGO40BT1B_MPX	XEGO40LT1B_MPX	XEGO40NTVB_MPX_UL
Cooling capacity EN14511 - A35A35	W	3850	3850	3850
Cooling capacity EN14511 - A35A50	W	2870	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60	400 3~ 60
Width	mm	500	500	500
Height	mm	1270	1270	1270
Depth	mm	336	336	336
Max. current	Α	9,5	3,6	4,2
Inrush current	Α	35,2	18	18
Fuse T	Α	16	8	8
Absorbed electric power EN14511 - A35A35	W	1710	1780	2040
Absorbed electric power EN14511 -A35A50	W	1990	2050	2350
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	1,14	1,14	1,14
Cooling circuit max. pressure	bar	25	25	28
External fan air flow	m³/h	1450	1450	1450
Enclosure fan air flow	m³/h	1450	1450	1450
Internal temperature range	°C	20-46	20-46	20-50
Temperature setting	-	Electro	nic thermostat factory set	at 35°C
External temperature range	°C	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP55	IP55	IP55
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	70	70	70
Weight	kg	82	85	85
Material	-		Stainless Steel	
Conformity	-	C€	C€	(€ ¢ %) us

OTHER VERSIONS

Semi-recessed assembled version	XEGO40BT0B_MPX	XEGO40LT0B_MPX	-
Outdoor application version (XEMO)	XEMO40BM1B_MPX	XEMO40LM1B_MPX	-
SGP version	XEGO40BT1B_SGP	XEGO40LT1B_SGP	-
SGP_UL version	-	-	XEGO40NTVB_SGP_UL

The **_SGP** version includes:

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes
- with cataphoresis treatment
- Electrical connection for outdoor

The outdoor application version **(XEMO)** includes:

- Mechanical thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

ROOF-MOUNT AIR CONDITIONERS

XDEK Series

The XDEK series is the ideal solution for roof installation thanks to compact size and robust design, combined with the best condensate management.



Certifications

XDEK air conditioners allow the cabinet to retain an IP34 (ambient side) IP54 rating (cabinet side) certified by TÜV SUD in accordance with EN 660529, thanks to the special internal configuration, which separates the external and internal air flows in a sealed manner, and the self-adhesive coupling gasket.

On request, the UL version is available only on some models listed in the reference table of each article.



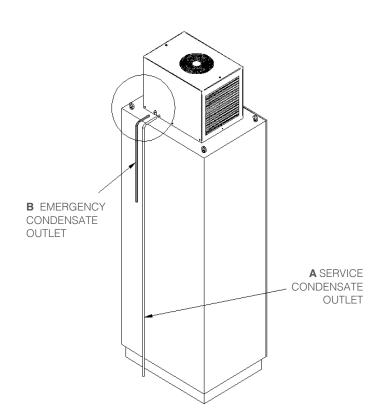


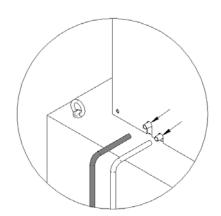


Features

- •The external protective casing is made in AISI 304L stainless steel with a Scotch-brite satin finish that imparts characteristics of resistance to corrosion and cleanability.
- The available power outputs range from 410 to 3850 W, covering most electrical cabinet cooling requirements in an extremely compact size.
- For protecting the cabinet from condensate, inside the air conditioner is a stainless-steel tray in which the condensate is collected, before being drained off through a service hose and second safety hose. It is recommended the use of Level Indicator (C16000140) for greater security against accidental water loss.
- All conditioning systems have standard electronic adjustment. The digital microprocessor controller guarantees constant operating parameter diagnostics:
- temperature control with ON/OFF setting.
- current temperature display inside the panel.
- instant indication of anomalies (maximum temperature, minimum temperature, external alarm).
- possibility of turning the compressor off if the door is open to avoid condensation forming.
- "compressor protection" function (against close-up starts of the compressor).
- digital input for signalling an external alarm.
- possibility of interfacing with PLC.

- Installation is very quick by simply drilling the cabinet panel and fastening systems which are included in the air conditioner package. This features provisions for the electrical connections to be made quickly and safely using fast connectors inserted in the base of the unit.
- All units are equipped with heat exchange surfaces designed to prevent clogging by solid contaminants present in the ambient air. They maintain high levels of efficiency even in demanding environmental conditions, drastically reducing maintenance requirements and thus allowing the air conditioner to operate without an external air filter.
- They have been designed to minimise disturbance from noise. To help protect the environment, all air conditioners use R134a CFC-free refrigerant, which does not damage the ozone layer.
- XDEK air conditioners are available for the most common AC voltages: 230V single phase, 400-440V two phase (for concatenated voltage power supply when neutral is not present), 115V single phase, 400V three phase, all in 50-60 Hz dual frequency. On request, and for adequate quantities, versions for voltages that are not given in the catalogue are also available.





For maximum protection of the electrical components, XDEK units are equipped with dual condensate outlets in the electrical cabinet. The service outlet A allows condensate to drain off under normal operating conditions. In the event that the service hose or the internal path for the condensate is blocked, the condensate will drain out through the emergency outlet B. The service hose is transparent and runs along the base of the cabinet. The emergency hose is coloured and terminates at a short distance from the edge of the cabinet, in such a way as to remain visible.

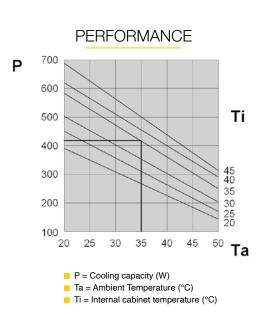


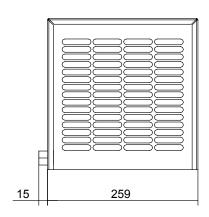
XDEK04 Series

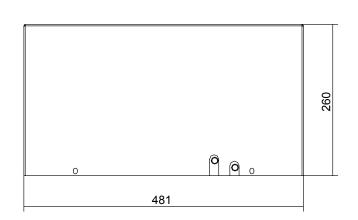
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 410 W









XDEK04 Series

CHARACTERISTICS	U.M.	XDEK04BT0B_MPX	XDEK04BTUB_MPX_UL	XDEK04CT0B_MPX
Cooling capacity EN14511 - A35A35	W	410	410	410
Cooling capacity EN14511 - A35A50	W	240	240	240
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 60
Width	mm	259	259	259
Height	mm	260	260	260
Depth	mm	481	481	481
Max. current	А	1,5	1,5	2,9
Inrush current	А	4	4	10
Fuse T	А	4	4	6
Absorbed electric power EN14511 - A35A35	W	270	230	280
Absorbed electric power EN14511 -A35A50	W	315	290	325
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,17	0,29	0,17
Cooling circuit max. pressure	bar	26	28	26
External fan air flow	m³/h	330	330	330
Enclosure fan air flow	m³/h	235	235	235
Internal temperature range	°C	20-50	20-50	20-50
Temperature setting	-	Electron	nic thermostat factory set	at 35°C
External temperature range	°C	20-55*	20-55*	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	60	60	60
Weight	kg	18	18	19
Material	-		Stainless Steel	
Conformity	-	C€	(€ c FU us	C€

* 50 °C at 60 Hz

OTHER VERSIONS

SGP version	XDEK04BT0B_SGP	-	XDEK04CT0B_SGP
SGP_UL version		XDEK04BTUB_SGP_UL	

The **_SGP** version

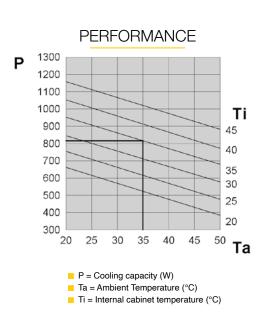
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

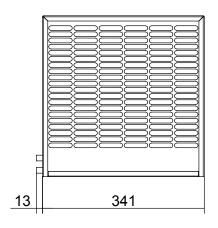
XDEK08 Series

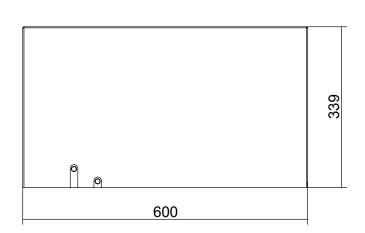
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 820 W









XDEK08 Series

CHARACTERISTICS	U.M.	XDEK08BT0B_MPX	XDEK08BTUB_MPX_UL	XDEK08CT0B_MPX	XDEK08GT0B_MPX
Cooling capacity EN14511 - A35A35	W	820	820	820	820
Cooling capacity EN14511 - A35A50	W	680	680	680	680
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	341	341	341	341
Height	mm	339	339	339	339
Depth	mm	600	600	600	600
Max. current	А	2,9	3,5	5,7	1,7
Inrush current	А	12	12	19	7
Fuse T	А	6	6	10	4
Absorbed electric power EN14511 - A35A35	W	510	520	520	520
Absorbed electric power EN14511 -A35A50	W	560	590	570	570
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,31	0,31	0,31	0,31
Cooling circuit max. pressure	bar	25	28	25	25
External fan air flow	m³/h	860	860	860	860
Enclosure fan air flow	m³/h	570	570	570	570
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-55*	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	62	65	62	62
Weight	kg	23	23	24	24
Material	-		Stainles	ss Steel	
Conformity	-	C€	(€ c FL 'us	C€	C€

* 50 °C at 60 Hz

OTHER VERSIONS

SGP version	XDEK08BT0B_SGP		XDEK08CT0B_SGP	XDEK08GT0B_SGP
SGP_UL version	·	XDEK08BTUB_SGP_UL	·	-

The **_SGP** version

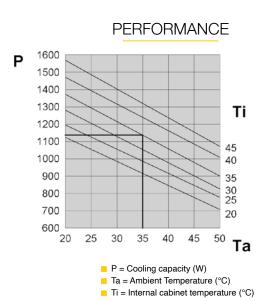
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatmentElectrical connection for outdoor

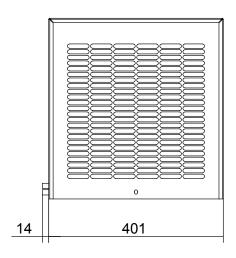
XDEK12 Series

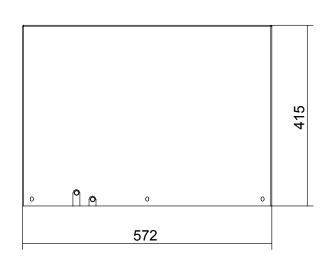
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 1150 W









XDEK12 Series

CHARACTERISTICS	U.M.	XDEK12BT0B_MPX	XDEK12BTUB_MPX_UL	XDEK12CT0B_MPX	XDEK12GT0B_MPX
Cooling capacity EN14511 - A35A35	W	1150	1150	1150	1150
Cooling capacity EN14511 - A35A50	W	900		900	900
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	401	401	401	401
Height	mm	415	415	415	415
Depth	mm	572	572	572	572
Max. current	Α	3,2	4	6,4	2,2
Inrush current	Α	11	11	22	8
Fuse T	Α	6	6	12	6
Absorbed electric power EN14511 - A35A35	W	550	570	560	560
Absorbed electric power EN14511 -A35A50	W	660	690	670	670
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,63	0,44	0,63	0,63
Cooling circuit max. pressure	bar	25	28	25	25
External fan air flow	m³/h	1010	1010	1010	1010
Enclosure fan air flow	m³/h	570	570	570	570
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	40	40	42	42
Material	-		Stainles	ss Steel	
Conformity	-	C€	(€ c FL 'us	C€	C€

* 50 °C at 60 Hz

OTHER VERSIONS

SGP version	XDEK12BT0B_SGP	-	XDEK12CT0B_SGP	XDEK12GT0B_SGP
SGP_UL version	-	XDEK12BTUB_SGP_UL		-

The **_SGP** version

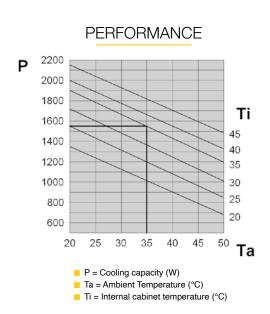
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

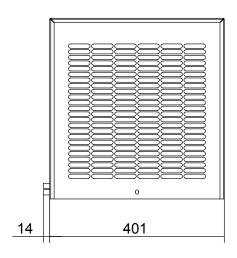
XDEK15 Series

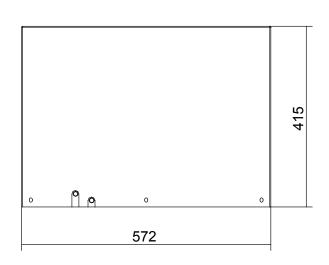
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 1550 W









XDEK15 Series

CHARACTERISTICS	U.M.	XDEK15BT0B_MPX	XDEK15BTUB_MPX_UL	XDEK15CT0B_MPX	XDEK15GT0B_MPX
Cooling capacity EN14511 - A35A35	W	1550	1550	1550	1550
Cooling capacity EN14511 - A35A50	W	1200	1200	1200	1200
Power supply	V ~ Hz	230 1~ 50-60	230 1~ 50-60	115 1~ 50-60	400/440 2~ 50-60
Width	mm	401	401	401	401
Height	mm	415	415	415	415
Depth	mm	572	572	572	572
Max. current	А	4,5	5,5	10	2,8
Inrush current	Α	18	18	39	9,6
Fuse T	А	8	10	16	4
Absorbed electric power EN14511 - A35A35	W	810	830	820	820
Absorbed electric power EN14511 -A35A50	W	930	960	940	940
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,54	0,41	0,54	0,54
Cooling circuit max. pressure	bar	25	28	25	25
External fan air flow	m³/h	1820	1820	1820	1820
Enclosure fan air flow	m³/h	860	860	860	860
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	44	44	46	46
Material	-	Stainless Steel			
Conformity	-	C€	(€ c FL us	C€	C€

* 50 °C at 60 Hz

OTHER VERSIONS

SGP version	XDEK15BT0B_SGP		XDEK15CT0B_SGP	XDEK15GT0B_SGP
SGP_UL version		XDEK15BTUB_SGP_UL		

The **_SGP** version

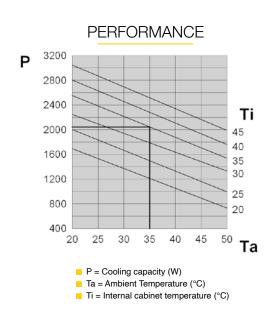
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

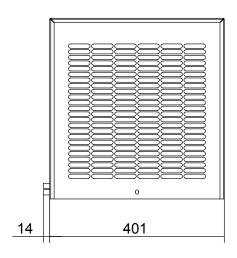
XDEK20 Series

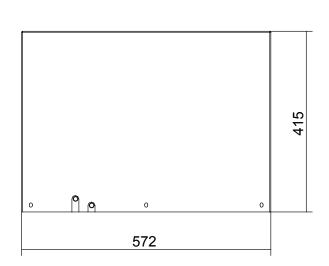
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 2050 W









XDEK20 Series

CHARACTERISTICS	U.M.	XDEK20BT0B_MPX	XDEK20CT0B_MPX	XDEK20LT0B_MPX	XDEK20NTUB_MPX_UL
Cooling capacity EN14511 - A35A35	W	2050	2050	2050	2050
Cooling capacity EN14511 - A35A50	W	1560	1560	1560	1560
Power supply	V ~ Hz	230 1~ 50-60	115 1~ 50-60	400 3~ 50-60	460 3~ 60
Width	mm	401	401	401	401
Height	mm	415	415	415	415
Depth	mm	572	572	572	572
Max. current	А	6	13,2	1,9	2,1
Inrush current	А	24	48	10	10
Fuse T	Α	10	20	4	6
Absorbed electric power EN14511 - A35A35	W	1190	1220	990	1060
Absorbed electric power EN14511 -A35A50	W	1300	1320	1190	1290
Duty cycle	-	100%	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	0,55	0,55	0,55	0,7
Cooling circuit max. pressure	bar	25	25	25	28
External fan air flow	m³/h	1820	1820	1820	1820
Enclosure fan air flow	m³/h	1050	1050	1050	1050
Internal temperature range	°C	20-50	20-50	20-50	20-50
Temperature setting	-		Electronic thermosta	at factory set at 35°C	
External temperature range	°C	20-55*	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34	IP34
Noise level	dB (A)	65	65	65	65
Weight	kg	50	56	52	52
Material	-	Stainless Steel			
Conformity	-	C€	C€	C€	(€ c FL us

* 50 °C a 60 Hz

OTHER VERSIONS

SGP version	XDEK20BT0B_SGP	XDEK20CT0B_SGP	XDEK20LT0B_SGP	-
SGP_UL version	-	-	-	XDEK20NTUB_SGP_UL

The **_SGP** version

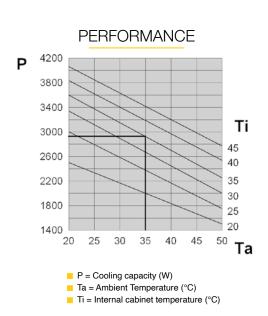
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

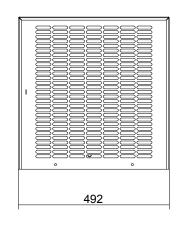
XDEK30 Series

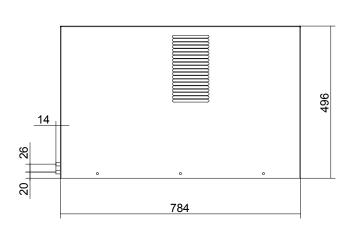
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 2900 W









XDEK30 Series

CHARACTERISTICS	U.M.	XDEK30BT0B_MPX	XDEK30LT0B_MPX	XDEK30NTUB_MPX_UL
Cooling capacity EN14511 - A35A35	W	2900	2900	2900
Cooling capacity EN14511 - A35A50	W	2250	2250	2250
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60	460 3~ 60
Width	mm	492	492	492
Height	mm	496	496	496
Depth	mm	784	784	784
Max. current	А	8,2	2,5	3,3
Inrush current	А	38,4	15,7	15,7
Fuse T	А	16	6	6
Absorbed electric power EN14511 - A35A35	W	1350	1210	1310
Absorbed electric power EN14511 -A35A50	W	1610	1450	1750
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	1,26	1,2	1,2
Cooling circuit max. pressure	bar	25	25	28
External fan air flow	m³/h	3410	3410	3410
Enclosure fan air flow	m³/h	860	860	860
Internal temperature range	°C	20-50	20-50	20-50
Temperature setting	-	Electron	nic thermostat factory set	at 35°C
External temperature range	°C	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	75	75	75
Weight	kg	80	83	83
Material	-	Stainless Steel		
Conformity	-	C€	C€	(€ c FL us

OTHER VERSIONS

SGP version	XDEK30BT0B_SGP	XDEK30LT0B_SGP	-
SGP_UL version			XDEK30NTUB_SGP_UL

The **_SGP** version

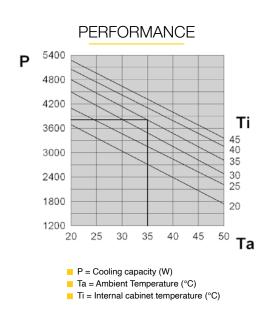
- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

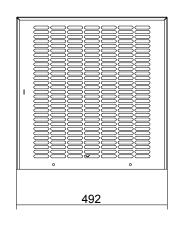
XDEK40 Series

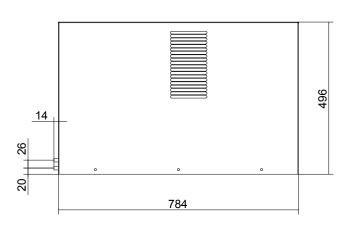
ROOF-MOUNT AIR CONDITIONERS

COOLING CAPACITY 3850 W









XDEK40 Series

CHARACTERISTICS	U.M.	XDEK40BT0B_MPX	XDEK40LT0B_MPX	XDEK40NTUB_MPX_UL
Cooling capacity EN14511 - A35A35	W	3850	3850	3850
Cooling capacity EN14511 - A35A50	W	2870	2870	2870
Power supply	V ~ Hz	230 1~ 50-60	400 3~ 50-60	460 3~ 60
Width	mm	492	492	492
Height	mm	496	496	496
Depth	mm	784	784	784
Max. current	А	9	3,4	4,3
Inrush current	А	38,2	17	17
Fuse T	А	18	6	6
Absorbed electric power EN14511 - A35A35	W	1690	1630	1950
Absorbed electric power EN14511 -A35A50	W	1950	1890	2160
Duty cycle	-	100%	100%	100%
Electrical connection	-	4 pole plug	4 pole plug	4 pole plug
Refrigerant R134a	kg	1,8	2	2
Cooling circuit max. pressure	bar	25	25	25
External fan air flow	m³/h	3410	3410	3410
Enclosure fan air flow	m³/h	1450	1450	1450
Internal temperature range	°C	20-50	20-50	20-50
Temperature setting	-	Electron	nic thermostat factory set	at 35°C
External temperature range	°C	20-50	20-50	20-50
Protection level EN60529 - enclosure side	-	IP54	IP54	IP54
Protection level EN60529 - ambient side	-	IP34	IP34	IP34
Noise level	dB (A)	75	75	75
Weight	kg	83	86	86
Material	-	Stainless Steel		
Conformity	-	C€	C€	(€ 571 us

OTHER VERSIONS

SGP version	XDEK40BT0B_SGP	XDEK40LT0B_SGP	-
SGP_UL version	-	-	XDEK40NTUB_SGP_UL

The **_SGP** version

- Electronic thermostat with protection cup
- Condensing coil and refrigeration pipes with cataphoresis treatment
- Electrical connection for outdoor

FILTERS

AAEFP/AADFP

PU foam filter for air conditioners

Air conditioners are designed not to require maintenance and are supplied without filters for the external air intake. However, when the ambient air is particularly contaminated by oily aerosols or particles, users can choose to insert a filter in the space provided at the rear of the intake grille. These filters are made from an alveolar polyurethane foam with highly stable mechanical and chemical properties.

Models	Code art	Quantity per pack
XEGO04	AAEFP04	5
XEGO06	AAEFP06	5
XEGO08-10	AAEFP10	5
XEGO12-16-20	C15000163	5
XEGO30-40	C15000183	5
XDEK04	C15000171	5
XDEK08	C15000173	5
XDEK12-15-20	AADFP12	5
XDEK30-40	AADFP30	5



AAEFM/AADFM

Reusable air filters for air conditioners

In extreme environmental conditions, the air conditioners can be fitted with metal air filters. They provide less efficient filtration than the PU foam filters, but have the advantage that they are regenerable. They can be cleaned with degreaser and reused as many times as the user wishes. They are made from an aluminium mesh.

Models	Code art	Quantity per pack
XEGO04	AAEFM04	1
XEGO06	AAEFM06	5
XEGO08-10	AAEFM10	1
XEGO12-16-20	C15000164	1
XEGO30-40	C15000185	1
XDEK04	C15000172	1
XDEK08	C15000174	1
XDEK12-15-20	AADFM12	1
XDEK30-40	AADFM30	1



LEVEL INDICATOR

C16000140

Level indicator

Indicator for checking the level of liquids. As the float rises, it magnetically moves an NO contact hermetically sealed inside the guide rod. The magnet is located inside the float and does not come into contact with the liquid.

Features	U.M.	C16000140
Max temperature	°C	105
Max pressure	bar	6
Contact	-	NO
Contact rating	А	0,5
Max voltage	V	300
Dimensions	mm	L50 Ø25
Thread	п	G 1/8
Electrical connection	-	Cable L=1m
IP rating EN60529	-	IP65



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