MPGAMMA

STEEL FACTOR

COMPACT CABINETS
SLOPED-TOP CABINETS

EN

MPGAMMA

STEEL FACTOR

MPGAMMA, with a well-established industrial tradition, is one of the most important manufacturers of stainless steel casings at a national and European level.

Knowledge and **ongoing learning**, factors that are felt and experienced throughout the day, to ensure and enhance our commitment, to look beyond borders.

Our **continuous research** and **constant focus** on new production technologies are reflected in the manufacturing of each individual product.

The perfect interplay between investments, technology and experience creates a quality product.

Quality certifications are essential to provide maximum safety to our customers.

Investments, corporate and **product certifications** are the trademark of a well-organised and solid company.

All our production and logistics processes have one goal: **balance.**

QUALITY
TECHNOLOGY
EXPERIENCE

QUALITY SERVICE

- Product customisation, drilling and pre-processing.
- Special products according to design.
- High flexibility.
- 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.
- Qualified 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-finish 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.

INDEX

PRODUCTS

4 | **INTEGRATED COMPACT CABINETS STEEL SOLID DOOR**
SCS SERIE

10 | **INTEGRATED COMPACT CABINETS STEEL TRANSPARENT DOOR**
SLS SERIE

14 | **SLOPED-TOP CABINETS**
LC - LD - LE SERIES

ACCESSORIES

18 | LIFTING PLINTHS

20 | BAYONET CABLE INLET FLANGE...

SWIVEL WHEELS KIT

21 | LIFTING FEET KIT

22 | CABLE COMPARTMENT H=200 ON TOP

23 | SANITARY RAIN ROOF

24 | INNER DOOR KIT FOR CABINETS

PRIORITY OPENING KIT

25 | PC HOLDER SHELF KIT FOR THE INSIDE OF THE DOOR

OPEN DOOR LOCKING DEVICE

26 | OVERDOOR IN TRANSPARENT LEXAN

28 | BRACKETS TO SUPPORT THE CEILING LIGHT FIXTURE

ANCHORING BRACKETS FOR INCOMING CABLES THROUGH THE BOTTOM FLANGE

29 | CABLE RACEWAY SUPPORTING BRACKETS ON THE DOOR

SUPPORTING BRACKETS FOR HEAVY ELEMENTS IN THE BOTTOM

30 | WIRING PLATE SPARE PART

WIRING PLATE SAFETY KIT FOR FRONT INSERTION ON CABINETS

31 | PAIR OF 19” RACK UPRIGHTS

19” RACK CLOSING PANEL

PAIR OF TELESCOPIC RUNNERS

32 | LOCKS AND KEYS

34 | DIAGRAM POCKET

CONDUCTIVE SEALS

35 | LABYRINTH FILTER SYSTEMS WITH STAINLESS STEEL GUARD AND RELATED VENTILATION SYSTEMS

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

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.

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 ¼ - 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.

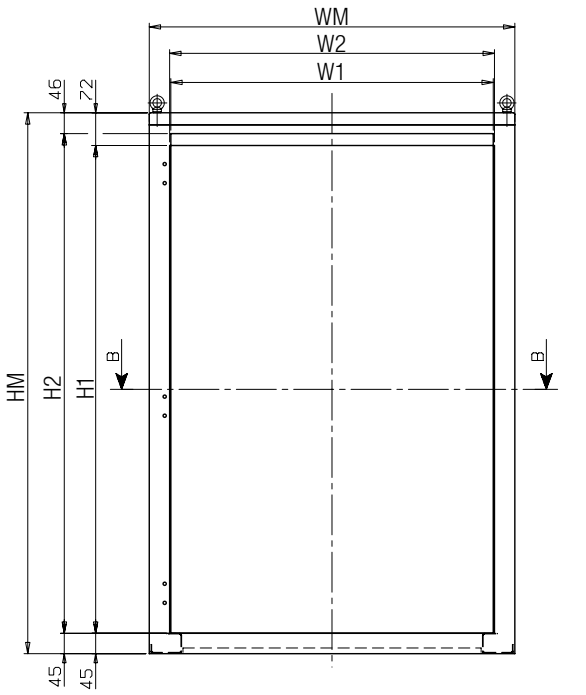
CERTIFICATIONS

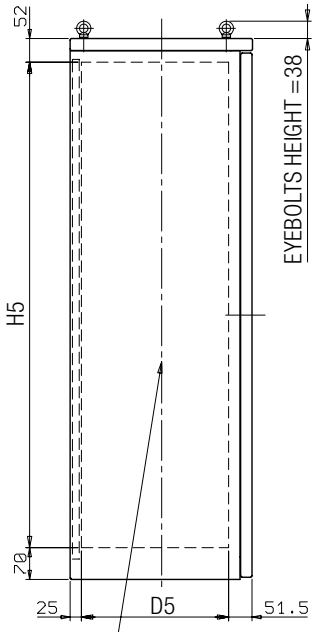
- **IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN62208.**
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) 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

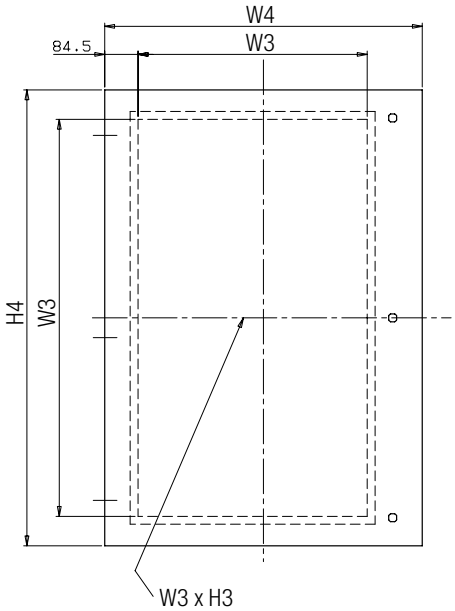
FRONT VIEW WITHOUT DOOR



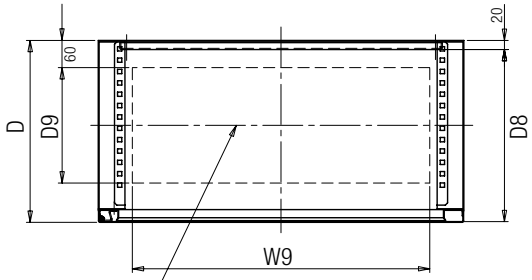


H5 x D5
USEFUL AREA OF DRILLING FOR FRONTAL PANEL

FRONT DOOR DETAIL CABINETS



W3 x H3
USEFUL AREA OF DRILLING FOR FRONTAL DOOR

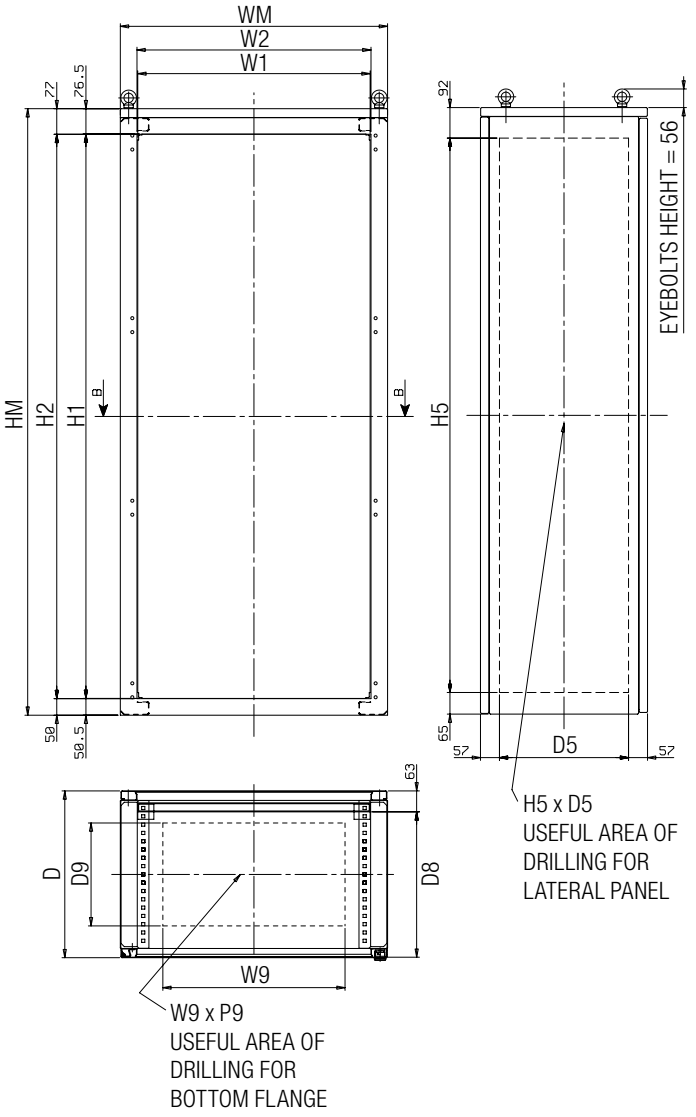


W9 x D9
USEFUL AREA OF DRILLING FOR BOTTOM FLANGE

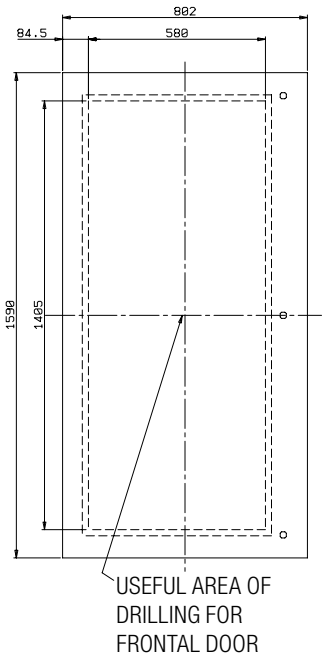
Code Art.	Nominal Dimensions			Doors No.	Max dimensions		Entry useful dimensions		Wiring plate dimensions (included)		Front door drilling dimensions			Front door dimension		Lateral drilling dimension		Useful depth for plate and door	Drilling dimension for bottom flange	
	W	H	D		WM	HM	W1	H1	W2	H2	W3	H3	W6	W4	H4	H5	D5	D8	W9	D9
SCS6012040*	600	1200	400	1	605	1191	515	1074	510	1100	380	1005	X	604	1154	1069	324	380	455	254
SCS6016040*	600	1600	400	1	605	1591	515	1474	510	1500	380	1405	X	604	1554	1469	324	380	455	254
SCS8012040*	800	1200	400	1	805	1191	715	1074	710	1100	580	1005	X	804	1154	1069	324	380	655	254
SCS8014040*	800	1400	400	1	805	1391	715	1274	710	1300	580	1205	X	804	1354	1269	324	380	655	254

* Version with fixed panel and wiring plate that does not slide in depth

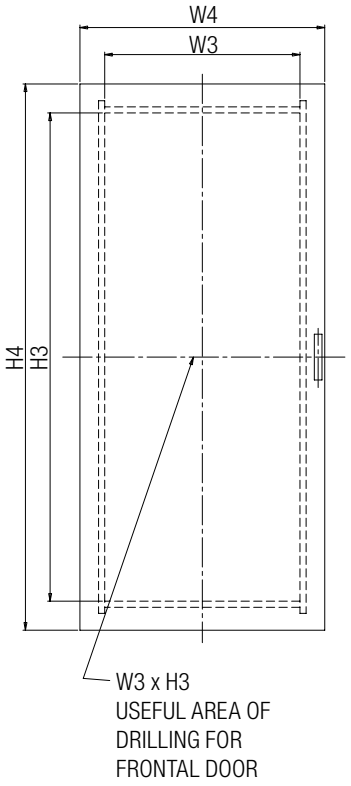
FRONT VIEW WITHOUT DOOR



FRONT DOOR DETAIL
CABINET SCS8016040



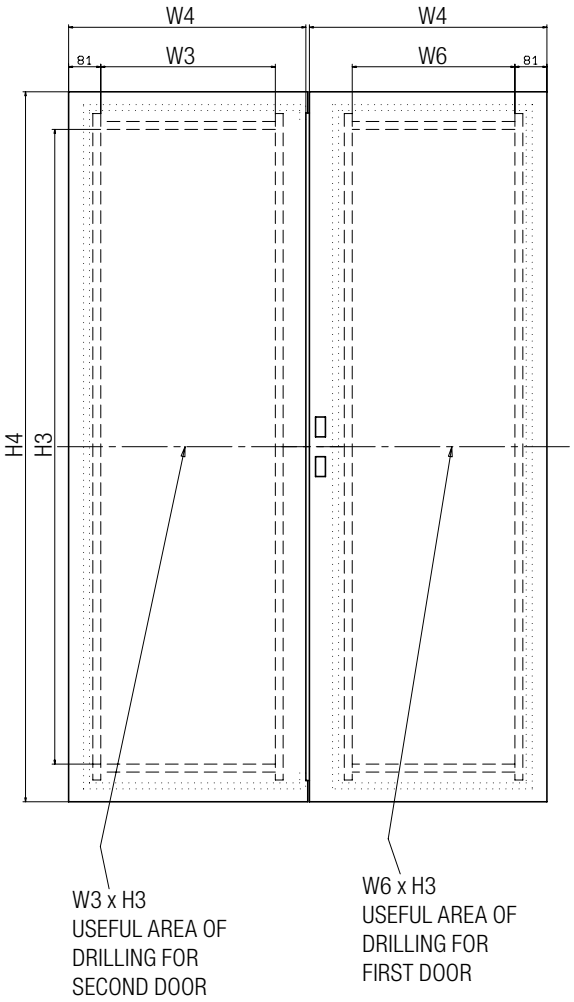
FRONT DOOR
DETAIL CABINET



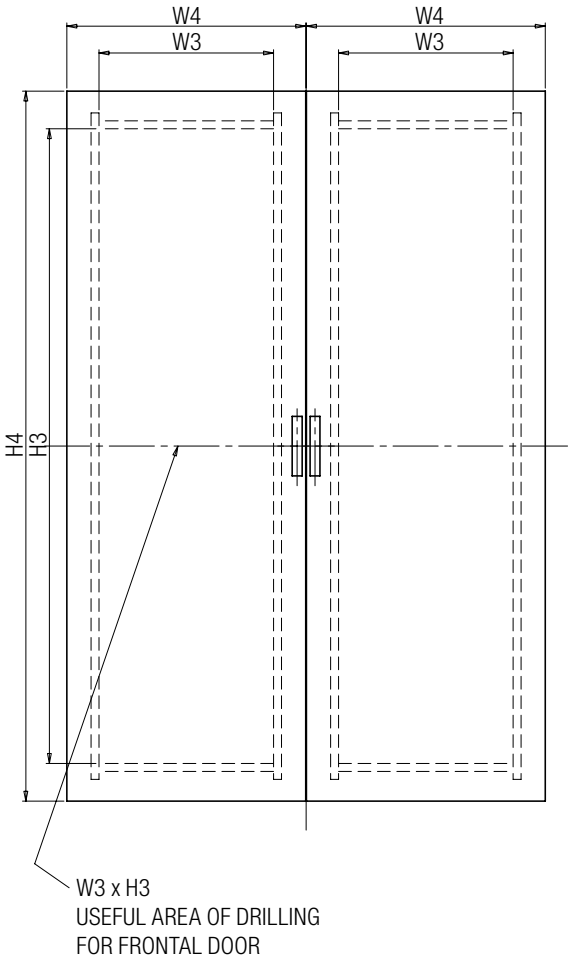
Code Art.	Nominal Dimensions			Doors No.	Max dimensions		Entry useful dimensions		Wiring plate dimensions included		Front door drilling dimensions			Front door dimensions		Lateral drilling dimension		Useful depth for plate and door	Drilling dimension for botom flange	
	W	H	D		WM	HM	W1	H1	W2	H2	W3	H3	W6	W4	H4	H5	D5	D8	W9	D9
SCS6018040	600	1800	400	1	605	1827	504	1700	500	1700	440	1600	X	602	1790	1670	290	335	365	210
SCS8016040	800	1600	400	1	805	1627	504	1500	700	1500	580	1405	X	802	1590	1470	290	335	565	210
SCS8018040	800	1800	400	1	805	1827	704	1700	700	1700	640	1600	X	802	1790	1670	290	335	565	210
SCS8018050	800	1800	500	1	805	1827	704	1700	700	1700	640	1600	X	802	1790	1670	390	435	565	310
SCS8020040	800	2000	400	1	805	2027	704	1900	700	1900	640	1800	X	802	1990	1870	290	335	565	210
SCS8020050	800	2000	500	1	805	2027	704	1900	700	1900	640	1800	X	802	1990	1870	390	435	565	310
SCS10018040	1000	1800	400	1	1005	1827	904	1700	900	1700	840	1600	X	1002	1790	1670	290	335	765	210
SCS10018050	1000	1800	500	1	1005	1827	904	1700	900	1700	840	1600	X	1002	1790	1670	390	435	765	310
SCS10020050	1000	2000	500	1	1005	2027	904	1900	900	1900	840	1800	X	1002	1990	1870	390	435	765	310

2 DOORS VERSION

DOORS ARE HINGED DETAIL WITH OPENING CABINETS WITHOUT CENTRE UPRIGHT



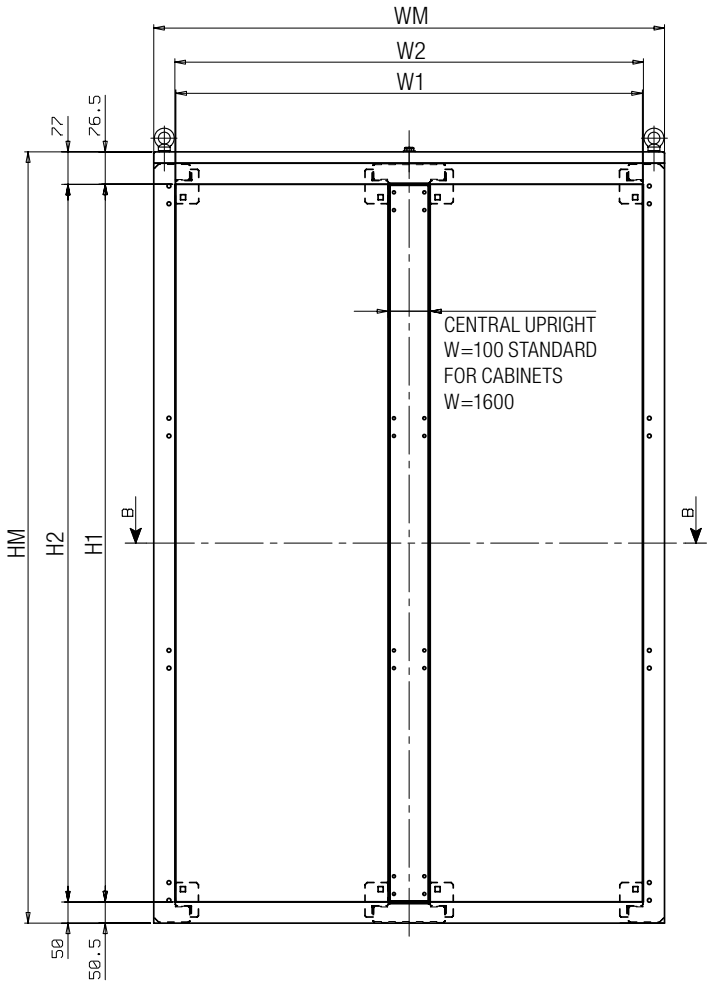
DOORS CABINETS DETAIL WITH REMOVABLE CENTRAL UPRIGHT

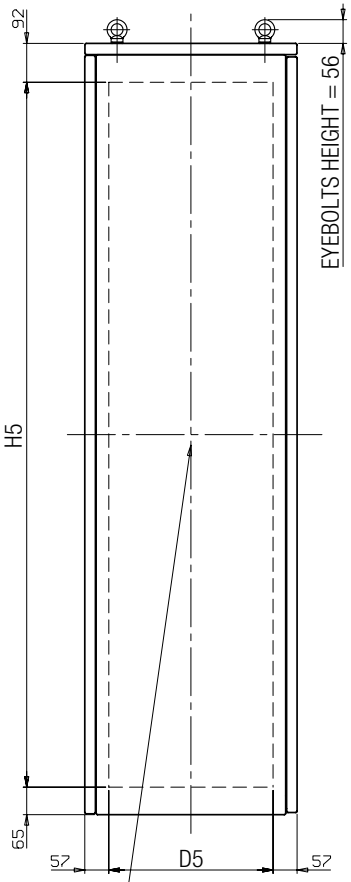


Code Art.	Nominal Dimension			Door No.	Max dimensions		Entry useful dimensions		Wiring plate dimensions included		Front door drilling dimensions			Front door dimensions		Lateral drilling dimensions		Useful depth for plate and door	Drilling dimension for bottom flage	
	W	H	D		WM	HM	W1	H1	W2	H2	W3	H3	W6	W4	H4	H5	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	X	802	1790	1670	290	335	565	210
SCS16018050	1600	1800	500	**2 CM	1610	1827	1509	1700	1505	1700	640	1600	X	802	1790	1670	390	435	565	310
SCS16020050	1600	2000	500	**2 CM	1610	2027	1509	1900	1505	1900	640	1800	X	802	1990	1870	390	435	565	310

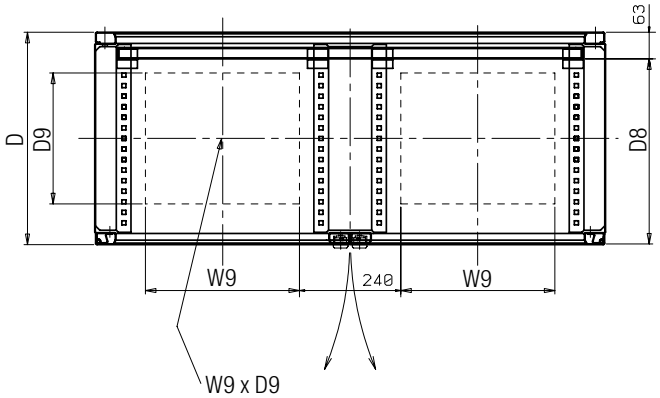
**2 CM = 2 doors separate with removable centre upright
***2 SM = 2 doors are hinged without centre upright

FRONT VIEW WITHOUT DOOR





H5 x D5
USEFUL AREA OF DRILLING
FOR LATERAL PANEL



W9 x D9
USEFUL AREA OF DRILLING FOR
BOTTOM FLANGE

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.

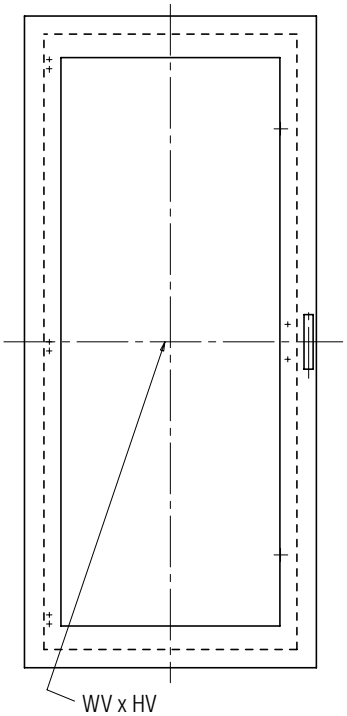
The bases for the design were those to create a better product with a higher performance, if possible the best of its kind, lowering production costs.

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.

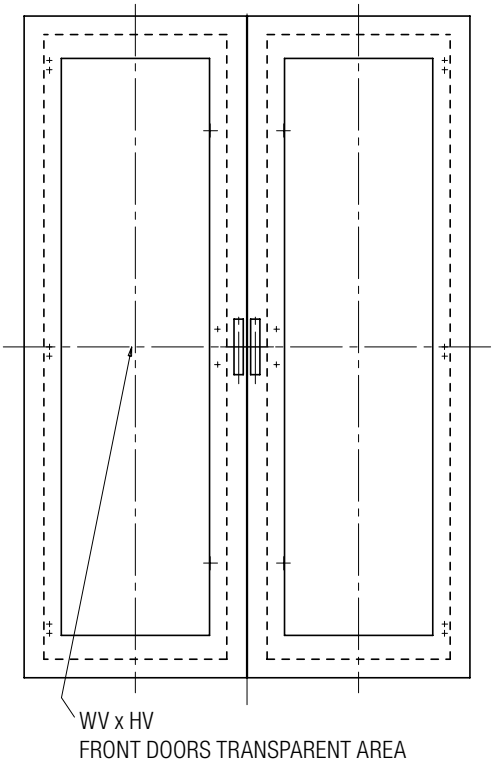
FEATURES

- 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.

FRONT DOOR DETAIL
TRANSPARENT AREA



FRONT DOORS DETAIL
TRANSPARENT AREA



OPTIONALS UPON REQUEST

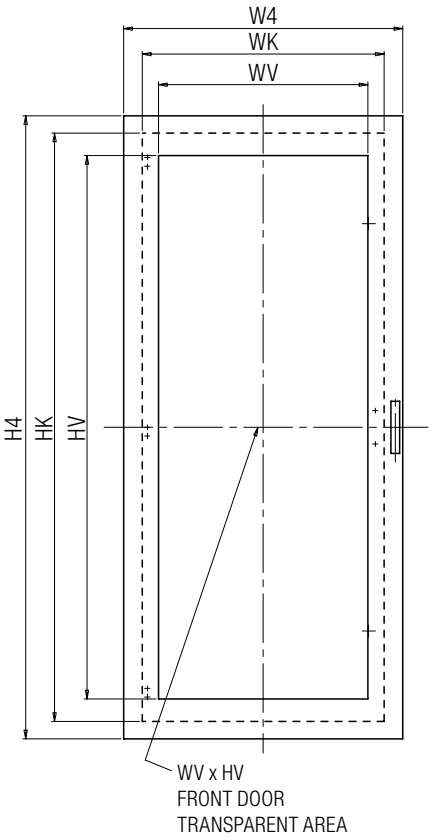
- Drilling to drawing on door, top and sides.
- Conductive seals or silicone seals resistant to temperatures of - 50°C to + 120°C.
- Special dimensions.
- Products made with AISI 316L or other special steels.
- Generic and specific accessories.

CERTIFICATIONS

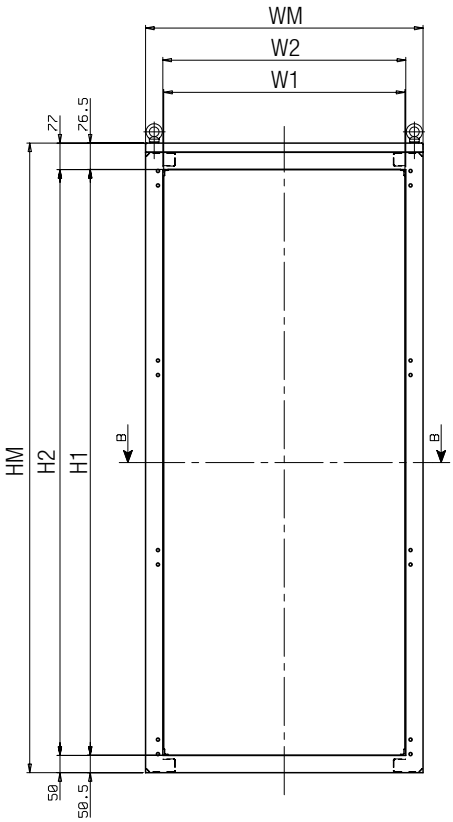
- **IP66-IP69K-IK10 protection rating certified by TÜV SUD in accordance with EN 62208.**
- TYPE 1, 12, 4, 4X (cULus) protection rating in accordance with UL50, 508A, 746C and CSA 22.2 No14,94 (upon request).
- Suitable for use in potentially explosive atmospheres (Group -II-, Category -3-, Zone -22,2-) 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).

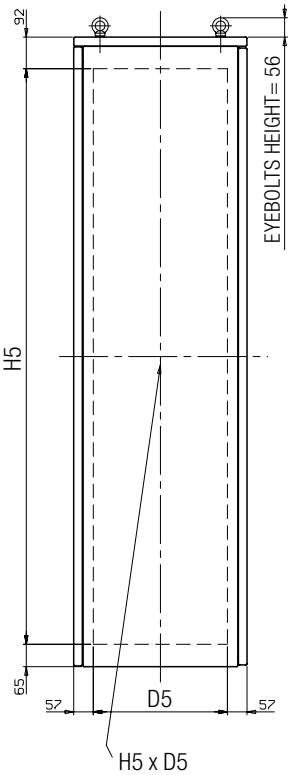
1 DOOR VERSION

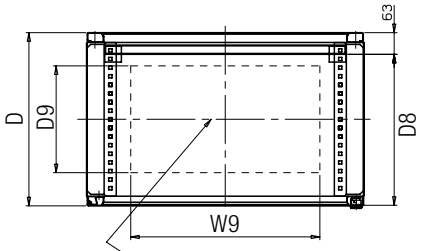
FRONT DOOR DETAIL TRANSPARENT AREA
AND INTERNAL DOOR DIMENSIONS



FRONT VIEW
WITHOUT DOOR

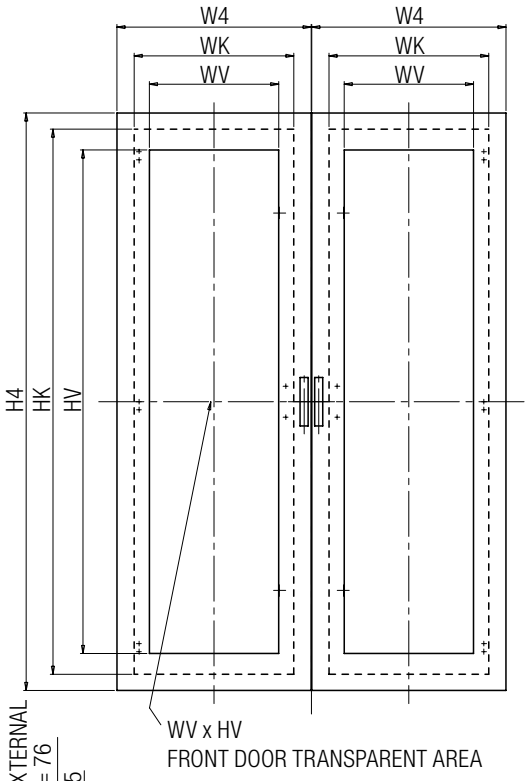




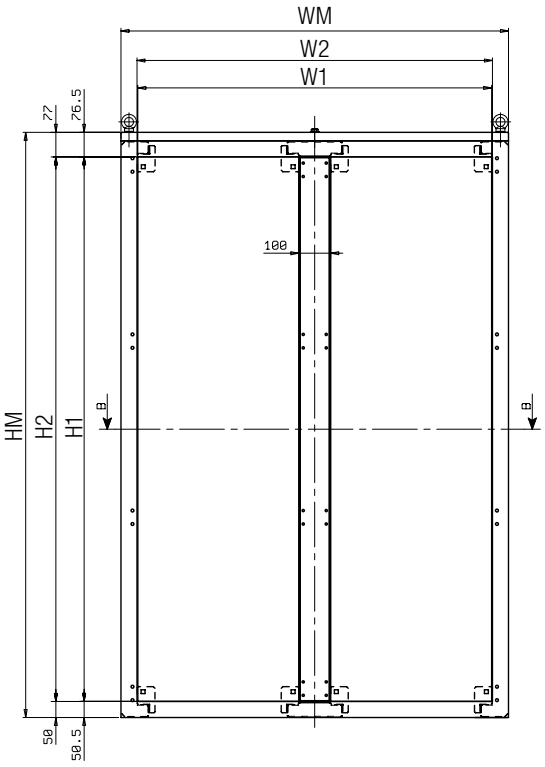


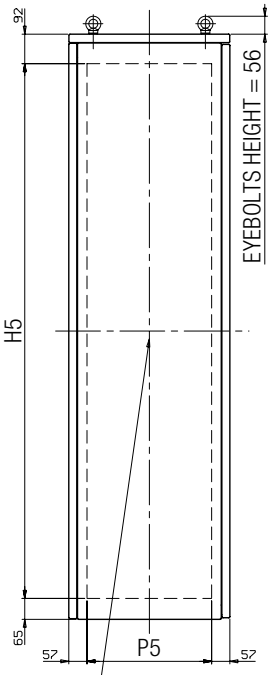
Code Art.	Nominal Dimensions			Door No.	Max dimensions		Trasparent door dimensions		Inner door dimensions		Entery useful dimensions		Wiring plate dimensions included		Front door dimensions		Lateral drilling dimensions		Useful depth for plate and door	Drilling dimension for bottom flange	
	W	H	D		WM	HM	WV	HV	WK	HK	W1	H1	W2	H2	W4	H4	H5	D5	D8	W9	D9
SLS6018040	600	1800	400	1	605	1827	400	1560	495	1690	504	1700	500	1700	602	1790	1670	290	335	365	210
SLS8018040	800	1800	400	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1670	290	335	565	210
SLS8018050	800	1800	500	1	805	1827	600	1560	695	1690	704	1700	700	1700	802	1790	1670	390	435	565	310
SLS8020050	800	2000	500	1	805	2027	600	1760	695	1890	704	1900	700	1900	802	1990	1870	390	435	565	310

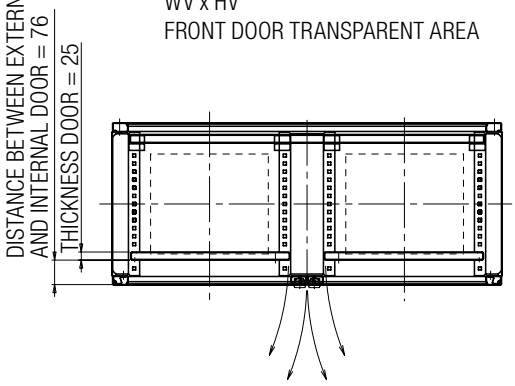
FRONT DOORS DETAIL TRANSPARENT AREA AND DIMENSIONS INTERNAL DOORS



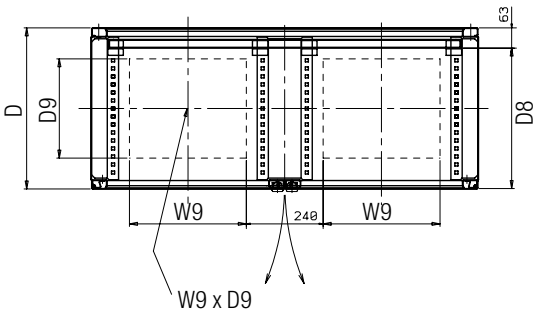
FRONT VIEW WITHOUT DOOR







INTERNAL DOORS
DETAIL SECTION PLANT



Code Art.	Nominal Dimensions			Door No.	Max dimensions		Trasparent door dimensions		Inner door dimensions		Entery useful dimensions		Wiring plate dimensions included		Front door dimensions		Lateral drilling dimensions		Useful depth for plate and door	Drilling dimension for bottom flange	
	W	H	D		WM	HM	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.

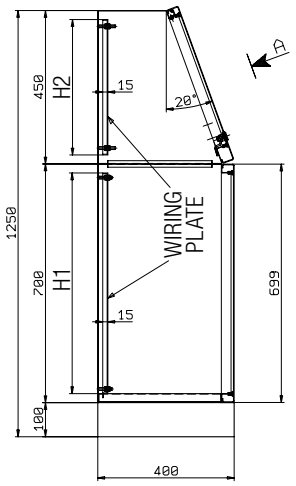
CERTIFICATIONS

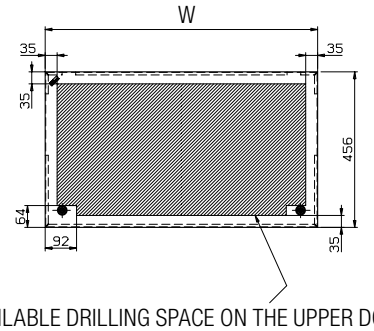
- **IP66 protection level (IP55 for sloped-top with 2 doors without upright).**
- Welding process qualified in accordance with 15614-1:2012 WPQR (Welding Procedure Qualification Record).

FEATURES

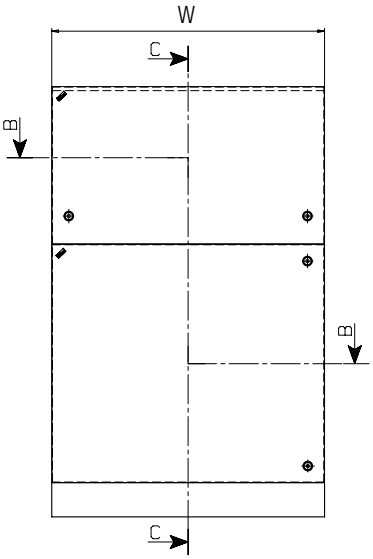
“LC” SERIE

- 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.

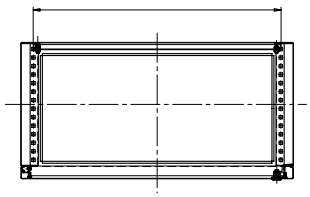




AVAILABLE DRILLING SPACE ON THE UPPER DOOR



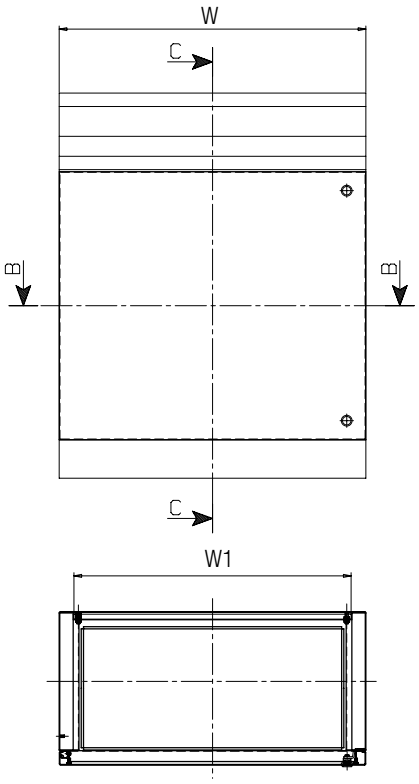
WIRING PLATE WIDTH = W1

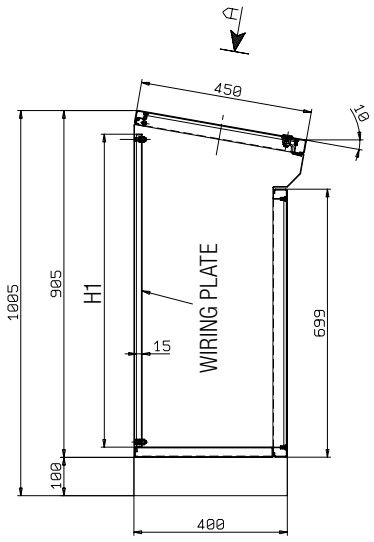


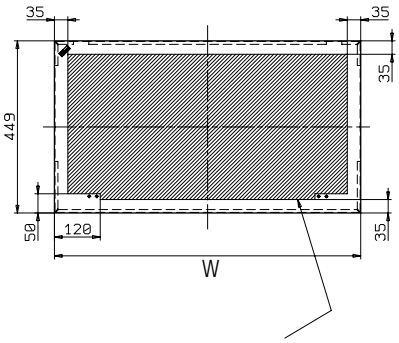
Code Art.	Nominal Dimensions			No. doors upper + lower	Wiring plate dimensions (included)		
	W	H (with plinth)	D		W1	H1	H2
LC 8012540	800	1250	400	1+1	727	647	400
LC 10012540	1000	1250	400	1+1	927	647	400
LC 12012540	1200	1250	400	1+2	1080	600	400

“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.





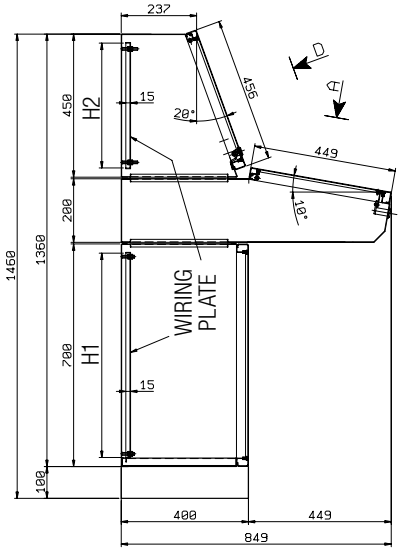


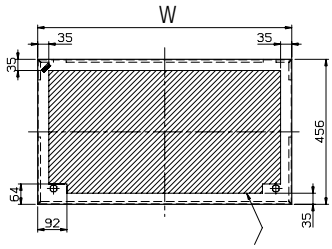
AVAILABLE DRILLING SPACE ON THE UPPER DOOR

Code Art.	Nominal dimensions			No. doors upper + lower	Wiring plate dimensions (included)	
	W	H (with plinth)	D		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

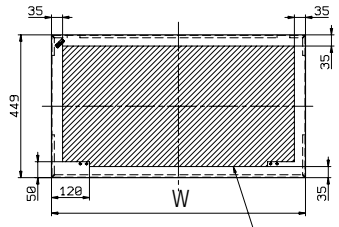
“LE” SERIE

- 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.

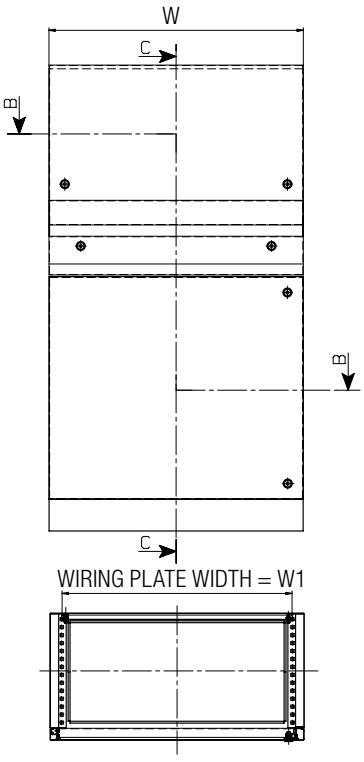




AVAILABLE DRILLING SPACE UPPER DOOR



AVAILABLE DRILLING SPACE CENTRAL DOOR



WIRING PLATE WIDTH = W1

Code Art.	Nominal dimensions			No. doors upper + lower	Wiring plate dimensions (included)		
	W	H (with plinth)	D		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

ACCESSORIES

LIFTING PLINTHS

SCS SLS LD LC LE

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

ACCESSORIES

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

SCS SLS LD LC LE

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

SCS SLS LD LC LE

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.

Code	Description
SAC011	KIT OF 2 SWIVEL WHEELS + 2 SWIVEL WHEELS WITH BRAKE IN STAINLESS STEEL

LIFTING FEET KIT

SCS SLS LD LC LE

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

ACCESSORIES

CABLE COMPARTMENT H=200 ON TOP

SCS SLS

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 DIMENSIONS 800x400
STVP10040	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1000x400
STVP12040	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1200x400
STVP16040	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1600x400
STVP06050	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 600x500
STVP08050	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 800x500
STVP10050	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1000x500
STVP12050	STEEL TOP COMPARTMENT H=200 CABLE INLET DIMENSIONS 1200x500
STVP16050	STEEL TOP COMPARTMENT H=200 CABLE INLET 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

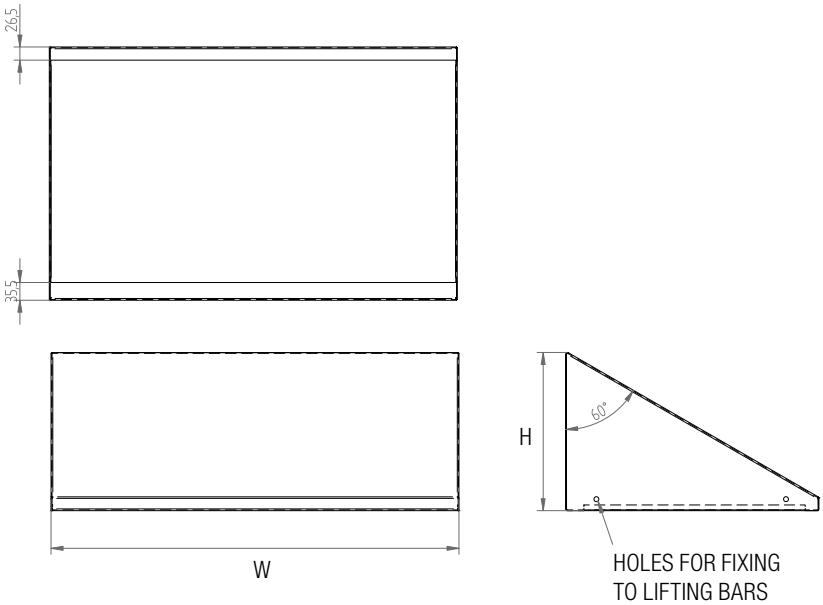
SCS SLS

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



ACCESSORIES

INNER DOOR KIT FOR CABINETS

SCS SLS

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 ¼ 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
SKCP6018	INNER DOOR KIT STEEL CABINET W=600 H=1800
SKCP6020	INNER DOOR KIT STEEL CABINET W=600 H=2000
SKCP8018	INNER DOOR KIT STEEL CABINET W=800 H=1800
SKCP8020	INNER DOOR KIT STEEL CABINET W=800 H=2000
SKCP1018	INNER DOOR KIT STEEL CABINET W=1000 H=1800
SKCP1020	INNER DOOR KIT STEEL CABINET W=1000 H=2000

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

SCS SLS

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

SCS SLS

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

SCS SLS LD LC LE

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.

Code	Description
SAC048	DOOR OPEN INTERLOCK FOR STEEL CABINETS

ACCESSORIES

OVERDOOR IN TRANSPARENT LEXAN

SCS LD LC LE

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 pre-assembled on request.

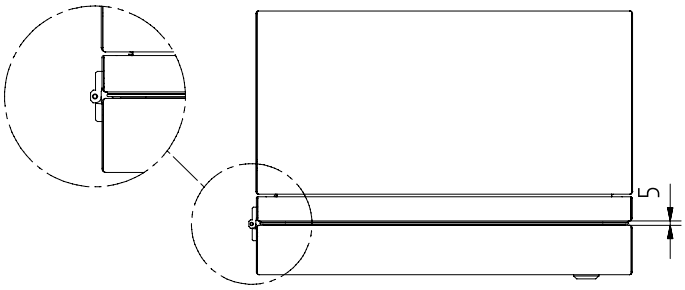
They can be mounted on any product with a big enough surface in order to ensure the fixing (to be verify with the technical department).

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

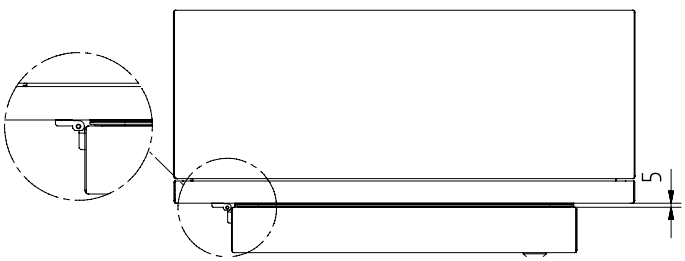
1. Front view models ***

HINGES MOUNTING WITH 180° PROTECTION WINDOW OPENING

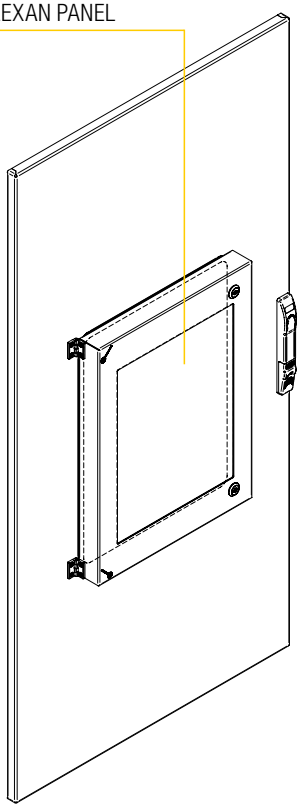
(to be verify depending on the application)



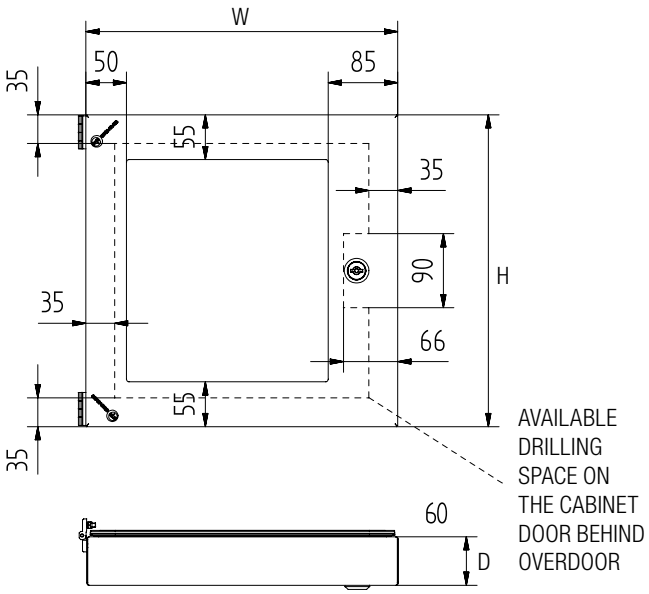
HINGES MOUNTING WITH 90° PROTECTION WINDOW OPENING



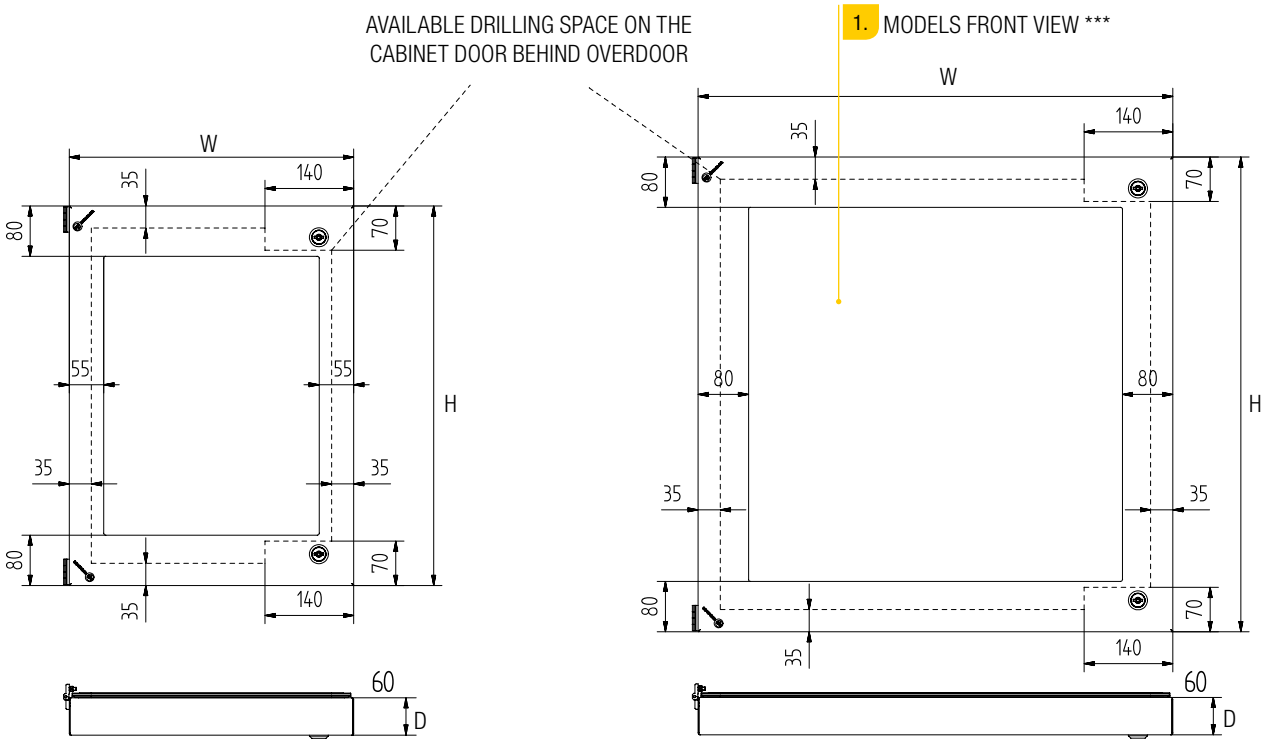
TRANSPARENT LEXAN PANEL



VERSION WITH 1 CLOSING POINT



VERSION WITH 2 CLOSING POINTS



ACCESSORIES

BRACKETS TO SUPPORT THE CEILING LIGHT FIXTURE

SCS SLS

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

SCS SLS

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.

Code	Description
SAC056/600	CABLE ANCHORING BRACKET STEEL W=600
SAC056/800	CABLE ANCHORING BRACKET STEEL W=800
SAC056/1000	CABLE ANCHORING BRACKET STEEL W=1000

CABLE RACEWAY SUPPORTING BRACKETS ON THE DOOR

SCS SLS

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.

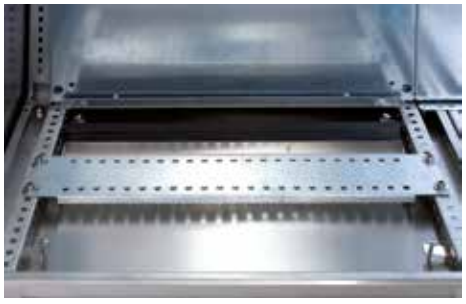
They cannot be mounted on the door with priority opening in cabinets W=1200 in the version without an upright and in standard cabinets under 1800 mm in height.

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

SUPPORTING BRACKETS FOR HEAVY ELEMENTS IN THE BOTTOM

SCS SLS



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

ACCESSORIES

WIRING PLATE SPARE PART

SCS SLS

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

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

SCS SLS

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.

Code	Description
SAC057	WIRING PLATE SAFETY KIT CABINETS

PAIR OF 19” RACK UPRIGHTS

SCS SLS

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

SCS SLS

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

SCS SLS

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

ACCESSORIES

LOCKS AND KEYS

SCS SLS LD LC LE

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.

SAC055 SAC054

ACC018

CABINETS VERSION

SCS SLS

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

Specify in the order.

SAC054_1 SAC054_C

SAC050 SAC051

SAC052_C SAC052

SLOPED-TOP CABINETS VERSION

LD LC LE

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

LD LE

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

ACC018

ACC020_L
ACC020

ACC016_IG_L
ACC016_IG

ACCESSORIES

DIAGRAM POCKET

PLASTIC VERSION

SCS SLS LD LC LE

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

Code	Description
ACC028	LARGE DIAGRAM POCKET (260x240x30)

METALLIC VERSION

SCS SLS

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

SCS SLS LD LC LE

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

SCS SLS LD LC LE

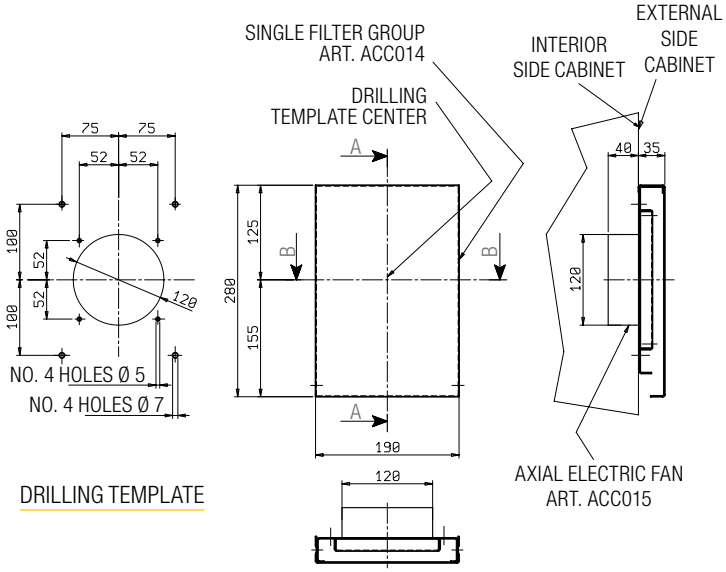
The filtering systems completely in stainless steel AISI 304L (Wnr 1.4307) with labyrinth spray protection device are mounted on the outside of the structure, allowing the replacement of the filtering grid without entering the panel.

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.

Code	Description	To be associated with
ACC014	SINGLE STAINLESS STEEL LABYRINTH FILTER UNIT W=190 H=280 D=40	ACC015
ACC036	LARGE STAINLESS STEEL LABYRINTH FILTER UNIT W=250 H=300 D=60	ACC035

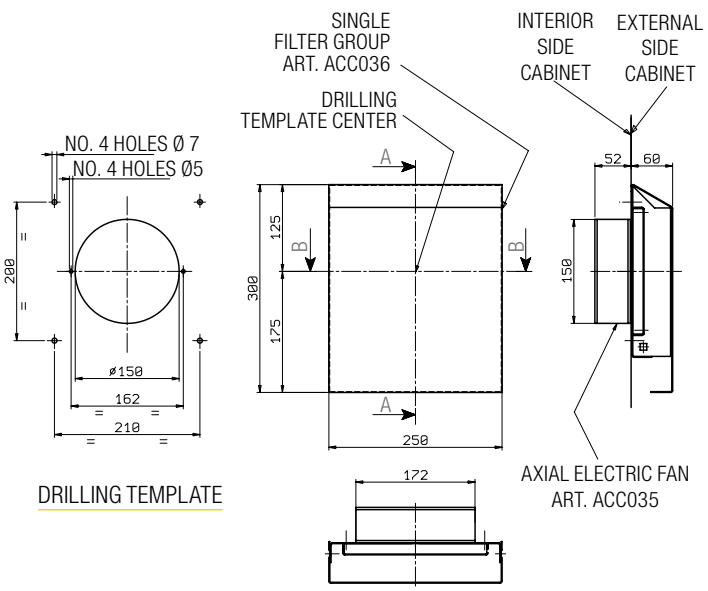
COD. ACC014



DRILLING TEMPLATE

AXIAL ELECTRIC FAN
ART. ACC015

COD. ACC036



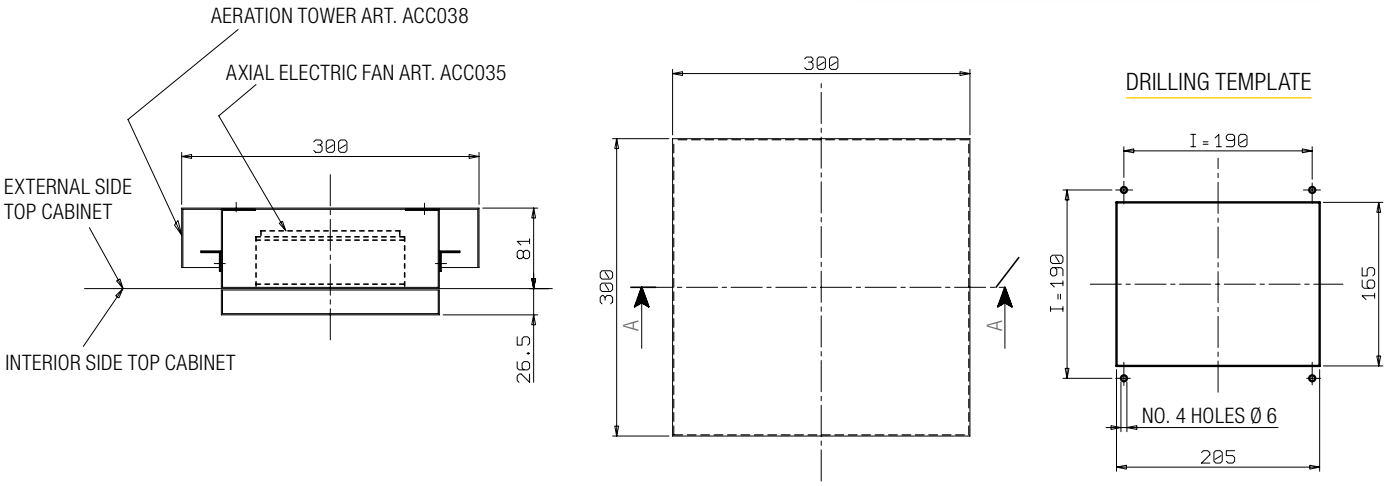
DRILLING TEMPLATE

AXIAL ELECTRIC FAN
ART. ACC035

ACCESSORIES

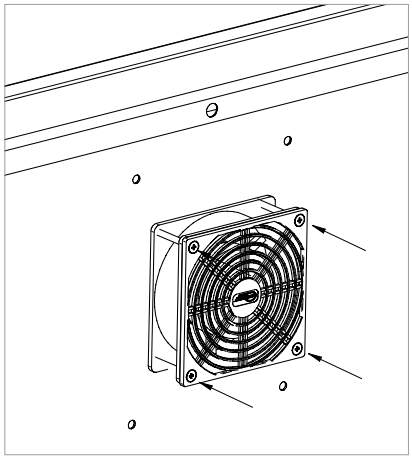
Code	Description	To be associated with
ACC038	STAINLESS STEEL LABYRINTH AERATION TOWER W=300 H=300 D=80	ACC035

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.

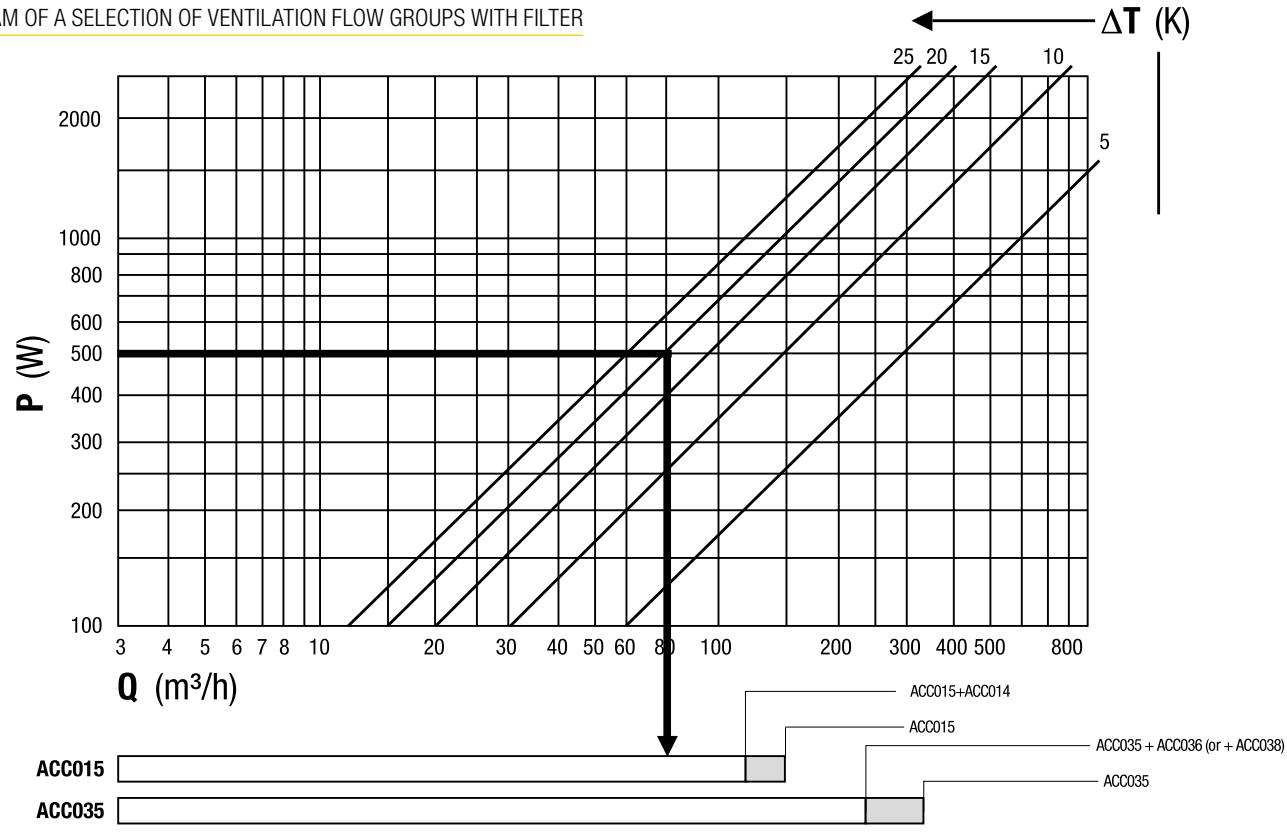
If the most warming devices are positioned at the top of the panel, we recommend to add a fan on the filter at the top (or on the tower) suitably set so as to discharge hot air.

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.

DIAGRAM OF A SELECTION OF VENTILATION FLOW GROUPS WITH FILTER



The max capacities are referred to standard filters.

Q = Ventilation capacity
P = Power dissipation in the cabinets
ΔT = Temperature difference

Example:

Power dissipation	500 W	**Unit of choice**
Temperature difference	20 K	**ACC015 + ACC014**
Necessary air flow capacity	80 m³/h	

ACCESSORIES

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

SCS SLS LD LC LE

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.

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

NOTES

ACCESSORIES/PRODUCTS TABLE

SCS SLS LD LC LE
LIFTING PLINTHS **P 18**

SCS SLS LD LC LE
BAYONET CABLE INLET FLANGE... **P 20**

SCS SLS LD LC LE SWIVEL WHEELS KIT **P 20**

SCS SLS LD LC LE
LIFTING FEET KIT **P 20**

SCS SLS CABLE COMPARTMENT H=200 ON TOP **P 22**

SCS SLS SANITARY RAIN ROOF **P 23**

SCS SLS INNER DOOR KIT FOR CABINETS **P 24**

SCS SLS PRIORITY OPENING KIT **P 24**

SCS SLS PC HOLDER SHELF KIT
FOR THE INSIDE OF THE DOOR **P 25**

SCS SLS LD LC LE
OPEN DOOR LOCKING DEVICE **P 25**

SCS LD LC LE
OVERDOOR IN TRANSPARENT LEXAN **P 26**

SCS SLS BRACKETS TO SUPPORT THE
CEILING LIGHT FIXTURE **P 28**

SCS SLS ANCHORING BRACKETS FOR INCOMING
CABLES THROUGH THE BOTTOM FLANGE **P 28**

SCS SLS CABLE RACEWAY SUPPORTING
BRACKETS ON THE DOOR **P 29**

SCS SLS SUPPORTING BRACKETS FOR
HEAVY ELEMENTS IN THE BOTTOM **P 29**

SCS SLS WIRING PLATE SPARE PART **P 30**

SCS SLS WIRING PLATE SAFETY KIT FOR
FRONT INSERTION ON CABINETS **P 30**

SCS SLS PAIR OF 19" RACK UPRIGHTS **P 31**

SCS SLS 19" RACK CLOSING PANEL **P 31**

SCS SLS PAIR OF TELESCOPIC RUNNERS **P 31**

SCS SLS LD LC LE LOCKS AND KEYS **P 32**

SCS SLS LD LC LE DIAGRAM POCKET **P 34**

SCS SLS LD LC LE CONDUCTIVE SEALS **P 34**

SCS SLS LD LC LE LABYRINTH FILTER
SYSTEMS WITH STAINLESS STEEL GUARD
AND RELATED VENTILATION SYSTEMS **P 35**

SCS SLS LD LC LE EXTERNAL STAINLESS
STEEL PROTECTION CAPS FOR VENTILATION/
FILTERING SYSTEMS IN PLASTIC **P 38**

ACCESSORIES PRODUCTS TABLE

EN - 07-2019

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