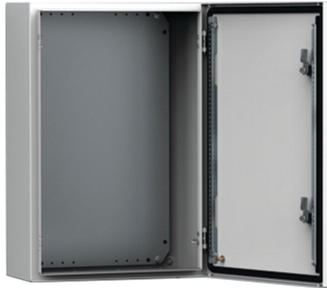


Single Door Enclosure Mild Steel, MAS



The mild steel single door wall mounted enclosure range, MAS, with a IP 66 protection degree, is available off the shelf in many different sizes. This enclosure range is well suited for many different applications. The risk for component failure, and with that unnecessary downtime, is eliminated as water and dust are prevented from entering the enclosure.

INDUSTRY STANDARDS

UL 508A Listed; Type 4, 12; File No. E61997

cUL Listed per CSA C22.2 No.0, No.0.4, No.14, No.94; Type 12; File No. E61997

NEMA/EEMAC Type 4, 12

CSA, File No. 1442951: Type 4, 12

IEC 62208 IP66

CE, UK CA, UL, DNV

FEATURES

Body: Folded and seam welded. Four 8.5 mm diameter holes for wall fixing, pressed out in 20.4 mm diameter × 2 mm depressions, to allow air circulation around the rear part of the enclosure.

Gland Plate Opening: Situated at the far rear of the enclosure, to make cabling onto the mounting plate easier.

Protection: Complies with IP 66, TYPE 4, 12, IK 10. For outdoor installation, the use of a rain Hood, ARF, and 100% polyester paint coating plus corrosion protection primer is recommended. Resistance to corrosion must be taken into consideration for outdoor and indoor applications.

Mounting plate: The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges. By using the AMG accessory, the mounting plate position can be adjusted to any depth.

Material: Body: 1.2 mm mild steel for enclosures with a depth of 155 mm / 1.4 mm for enclosures with a depth of 210 or 260 mm / 1.5 mm for enclosures with a depth of 300 or 400 mm, or if a height or width is 1000 mm or greater. Gland plate: 1.4 mm mild steel. Door: 1.2 mm mild steel / 1.5 mm for enclosures with a height or width of 500 mm or greater / 2 mm for enclosures with a height or width of 800 mm or greater. Mounting plate: 2 mm galvanized steel.

Lock: nVent HOFFMAN customized double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking for 1000 mm high enclosures and above. Other inserts are available as an accessory.

Finish: RAL 7035 structured powder coating.

Door: Surface mounted with 130° opening. Concealed removable hinges with captive pin. Hinges can be mounted to allow left or right hand opening. Inner M6 welded studs to mount door profiles MMDP, see delivery. Sealing is ensured by an injected one piece polyurethane gasket.

Delivery: Enclosure with door and mounting plate (not included for item numbers ending with PER5). For height 600 mm and above, two MMDP door mounting profiles. Gland plate(s) with gasket(s), plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above. Earthing facilities.

Material: Mild Steel
Finish: Powder Coated
Color: Light Gray
Color Code: RAL 7035

SPECIFICATIONS

Table 1/6

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0202015PER5	2505205	200mm	200mm	155mm	No	
MAS0202015R5	2516400	200mm	200mm	155mm	Yes	170 x 150mm
MAS0252015PER5	2505206	250mm	200mm	155mm	No	
MAS0252015R5	2516403	250mm	200mm	155mm	Yes	220 x 150mm
MAS0252515PER5	2505207	250mm	250mm	155mm	No	
MAS0252515R5	2516404	250mm	250mm	155mm	Yes	220 x 200mm
MAS0302515PER5	2505210	300mm	250mm	155mm	No	
MAS0302515R5	2516406	300mm	250mm	155mm	Yes	270 x 200mm
MAS0302521PER5	2505211	300mm	250mm	210mm	No	
MAS0302521R5	2516407	300mm	250mm	210mm	Yes	270 x 200mm
MAS0303015PER5	2505212	300mm	300mm	155mm	No	
MAS0303015R5	2516408	300mm	300mm	155mm	Yes	270 x 250mm
MAS0303021PER5	2505213	300mm	300mm	210mm	No	
MAS0303021R5	2516409	300mm	300mm	210mm	Yes	270 x 250mm
MAS0304021PER5	2508327	300mm	400mm	210mm	No	
MAS0304021R5	2508328	300mm	400mm	210mm	Yes	270 x 330mm
MAS0352515PER5	2505216	350mm	250mm	155mm	No	
MAS0352515R5	2516412	350mm	250mm	155mm	Yes	320 x 200mm
MAS0403015PER5	2505217	400mm	300mm	155mm	No	
MAS0403015R5	2516413	400mm	300mm	155mm	Yes	370 x 250mm

Table 2/6

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0403021PER5	2505218	400mm	300mm	210mm	No	
MAS0403021R5	2516414	400mm	300mm	210mm	Yes	370 x 250mm
MAS0404021PER5	2505219	400mm	400mm	210mm	No	
MAS0404021R5	2516415	400mm	400mm	210mm	Yes	370 x 350mm
MAS0405021PER5	2505220	400mm	500mm	210mm	No	

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0405021R5	2516416	400mm	500mm	210mm	Yes	370 x 450mm
MAS0406021PER5	2505221	400mm	600mm	210mm	No	
MAS0406021R5	2516418	400mm	600mm	210mm	Yes	370 x 550mm
MAS0503021PER5	2505222	500mm	300mm	210mm	No	
MAS0503021R5	2516419	500mm	300mm	210mm	Yes	470 x 250mm
MAS0504015PER5	2505223	500mm	400mm	155mm	No	
MAS0504015R5	2516421	500mm	400mm	155mm	Yes	470 x 350mm
MAS0504021PER5	2505224	500mm	400mm	210mm	No	
MAS0504021R5	2516422	500mm	400mm	210mm	Yes	470 x 350mm
MAS0504026PER5	2505225	500mm	400mm	260mm	No	
MAS0504026R5	2516423	500mm	400mm	260mm	Yes	470 x 350mm
MAS0504030PER5	2505226	500mm	400mm	300mm	No	
MAS0504030R5	2516424	500mm	400mm	300mm	Yes	470 x 350mm
MAS0505021PER5	2505227	500mm	500mm	210mm	No	
MAS0505021R5	2516425	500mm	500mm	210mm	Yes	470 x 450mm

Table 3/6

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0505030PER5	2505228	500mm	500mm	300mm	No	
MAS0505030R5	2516426	500mm	500mm	300mm	Yes	470 x 450mm
MAS0604015PER5	2505229	600mm	400mm	155mm	No	
MAS0604015R5	2516427	600mm	400mm	155mm	Yes	570 x 350mm
MAS0604021PER5	2505230	600mm	400mm	210mm	No	
MAS0604021R5	2516428	600mm	400mm	210mm	Yes	570 x 350mm
MAS0604026PER5	2505231	600mm	400mm	260mm	No	
MAS0604026R5	2516429	600mm	400mm	260mm	Yes	570 x 350mm
MAS0604030PER5	2505232	600mm	400mm	300mm	No	
MAS0604030R5	2516430	600mm	400mm	300mm	Yes	570 x 350mm
MAS0605015PER5	2505233	600mm	500mm	155mm	No	
MAS0605015R5	2516431	600mm	500mm	155mm	Yes	570 x 450mm
MAS0605021PER5	2505234	600mm	500mm	210mm	No	
MAS0605021R5	2516432	600mm	500mm	210mm	Yes	570 x 450mm
MAS0605026PER5	2505235	600mm	500mm	260mm	No	
MAS0605026R5	2516433	600mm	500mm	260mm	Yes	570 x 450mm
MAS0605030PER5	2505236	600mm	500mm	300mm	No	
MAS0605030R5	2516434	600mm	500mm	300mm	Yes	570 x 450mm
MAS0606021PER5	2505237	600mm	600mm	210mm	No	

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0606021R5	2516435	600mm	600mm	210mm	Yes	570 x 550mm

Table 4/6

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0606030PER5	2505238	600mm	600mm	300mm	No	
MAS0606030R5	2516436	600mm	600mm	300mm	Yes	570 x 550mm
MAS0606040PER5	2505239	600mm	600mm	400mm	No	
MAS0606040R5	2516437	600mm	600mm	400mm	Yes	570 x 550mm
MAS0608030PER5	2505240	600mm	800mm	300mm	No	
MAS0608030R5	2516438	600mm	800mm	300mm	Yes	570 x 750mm
MAS0705021PER5	2505242	700mm	500mm	210mm	No	
MAS0705021R5	2516439	700mm	500mm	210mm	Yes	670 x 450mm
MAS0705026PER5	2505243	700mm	500mm	260mm	No	
MAS0705026R5	2516440	700mm	500mm	260mm	Yes	670 x 450mm
MAS0804030PER5	2505245	800mm	400mm	300mm	No	
MAS0804030R5	2516441	800mm	400mm	300mm	Yes	770 x 350mm
MAS0806021PER5	2505246	800mm	600mm	210mm	No	
MAS0806021R5	2516442	800mm	600mm	210mm	Yes	770 x 550mm
MAS0806026PER5	2505247	800mm	600mm	260mm	No	
MAS0806026R5	2516443	800mm	600mm	260mm	Yes	770 x 550mm
MAS0806030PER5	2505248	800mm	600mm	300mm	No	
MAS0806030R5	2516444	800mm	600mm	300mm	Yes	770 x 550mm
MAS0806040PER5	2505249	800mm	600mm	400mm	No	
MAS0806040R5	2516445	800mm	600mm	400mm	Yes	770 x 550mm

Table 5/6

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0808021PER5	2505250	800mm	800mm	210mm	No	
MAS0808021R5	2516446	800mm	800mm	210mm	Yes	770 x 750mm
MAS0808030PER5	2505251	800mm	800mm	300mm	No	
MAS0808030R5	2516447	800mm	800mm	300mm	Yes	770 x 750mm
MAS0808040PER5	2505254	800mm	800mm	400mm	No	
MAS0808040R5	2516448	800mm	800mm	400mm	Yes	770 x 750mm
MAS1006026PER5	2505186	1000mm	600mm	260mm	No	
MAS1006026R5	2516449	1000mm	600mm	260mm	Yes	970 x 550mm
MAS1006030PER5	2505187	1000mm	600mm	300mm	No	
MAS1006030R5	2516450	1000mm	600mm	300mm	Yes	970 x 550mm

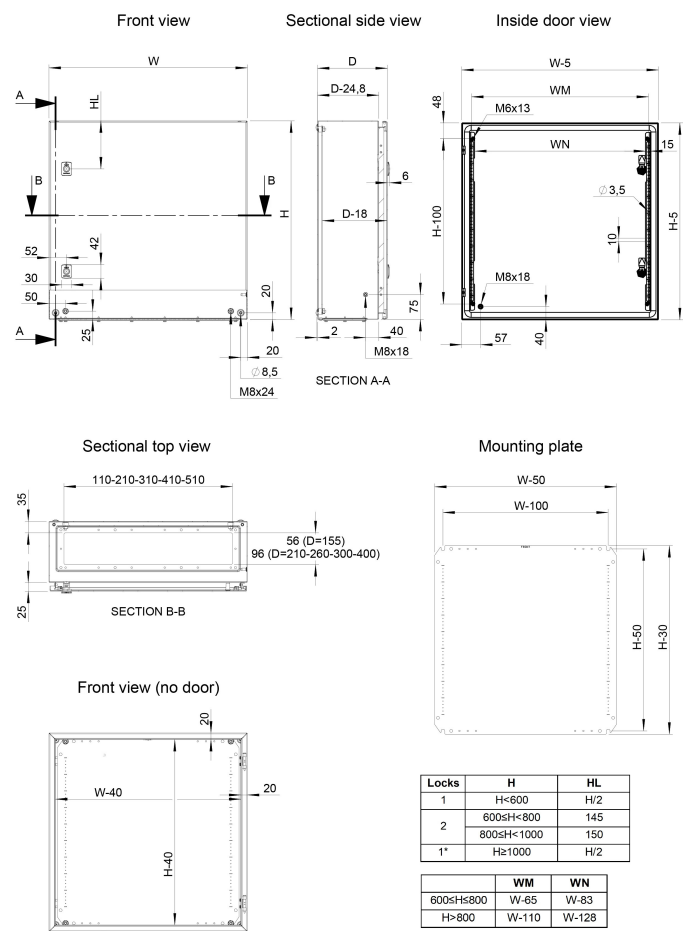
Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS1008026PER5	2505188	1000mm	800mm	260mm	No	
MAS1008026R5	2516451	1000mm	800mm	260mm	Yes	970 x 750mm
MAS1008030PER5	2505189	1000mm	800mm	300mm	No	
MAS1008030R5	2516452	1000mm	800mm	300mm	Yes	970 x 750mm
MAS1008040PER5	2505190	1000mm	800mm	400mm	No	
MAS1008040R5	2516453	1000mm	800mm	400mm	Yes	970 x 750mm
MAS1206030PER5	2505196	1200mm	600mm	300mm	No	
MAS1206030R5	2516454	1200mm	600mm	300mm	Yes	1170 x 550mm
MAS1208030PER5	2505197	1200mm	800mm	300mm	No	
MAS1208030R5	2516455	1200mm	800mm	300mm	Yes	1170 x 750mm

Table 6/6

Catalog Number	E-Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS1208040PER5	2505200	1200mm	800mm	400mm	No	
MAS1208040R5	2516456	1200mm	800mm	400mm	Yes	1170 x 750mm

ADDITIONAL PRODUCT DETAILS

* 1000 mm high enclosures and above have espagnolette three point locking.



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

