

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.

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

SPECIFICATIONS

Table 1/6						
Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0404021PER5	MAS0404021PER5	15.75in	15.75in	8.27in	No	
MAS0504030R5	MAS0504030R5	19.69in	15.75in	11.81in	Yes	18.5 x 13.78in
MAS1008030R5 	MAS1008030R5	39.37in	31.5in	11.81in	Yes	38.19 x 29.53in
MAS0303021R5 	MAS0303021R5	11.81in	11.81in	8.27in	Yes	10.63 x 9.84in
MAS0252015R5	MAS0252015R5	9.84in	7.87in	6.1in	Yes	8.66 x 5.91in
MAS0404021R5 	MAS0404021R5	15.75in	15.75in	8.27in	Yes	14.57 x 13.78in
MAS1008026PER5	MAS1008026PER5	39.37in	31.5in	10.24in	No	
MAS0352515PER5	MAS0352515PER5	13.78in	9.84in	6.1in	No	
MAS0504021R5 	MAS0504021R5	19.69in	15.75in	8.27in	Yes	18.5 x 13.78in
MAS0406021PER5	MAS0406021PER5	15.75in	23.62in	8.27in	No	
MAS0403021PER5	MAS0403021PER5	15.75in	11.81in	8.27in	No	
MAS0303015PER5	MAS0303015PER5	11.81in	11.81in	6.1in	No	
MAS0504030PER5	MAS0504030PER5	19.69in	15.75in	11.81in	No	
MAS0302515PER5	MAS0302515PER5	11.81in	9.84in	6.1in	No	
MAS1008030PER5	MAS1008030PER5	39.37in	31.5in	11.81in	No	
MAS0252015PER5	MAS0252015PER5	9.84in	7.87in	6.1in	No	
MAS1008040PER5	MAS1008040PER5	39.37in	31.5in	15.75in	No	
MAS0405021R5	MAS0405021R5	15.75in	19.69in	8.27in	Yes	14.57 x 17.72in
MAS1006026R5	MAS1006026R5	39.37in	23.62in	10.24in	Yes	38.19 x 21.65in
MAS0505021R5 	MAS0505021R5	19.69in	19.69in	8.27in	Yes	18.5 x 17.72in

Table 2/6						
Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0304021R5	MAS0304021R5	11.81in	15.75in	8.27in	Yes	10.63 x 13.00in
MAS0405021PER5	MAS0405021PER5	15.75in	19.69in	8.27in	No	
MAS1208030PER5	MAS1208030PER5	47.24in	31.5in	11.81in	No	
MAS0504021PER5	MAS0504021PER5	19.69in	15.75in	8.27in	No	
MAS0252515PER5	MAS0252515PER5	9.84in	9.84in	6.1in	No	

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0252515R5	MAS0252515R5	9.84in	9.84in	6.1in	Yes	8.66 x 7.87in
MAS0304021PER5	MAS0304021PER5	11.81in	15.75in	8.27in	No	
MAS0503021PER5	MAS0503021PER5	19.69in	11.81in	8.27in	No	
MAS0505021PER5	MAS0505021PER5	19.69in	19.69in	8.27in	No	
MAS0504015PER5	MAS0504015PER5	19.69in	15.75in	6.1in	No	
MAS1208030R5 	MAS1208030R5	47.24in	31.5in	11.81in	Yes	46.06 x 29.53in
MAS1006030PER5	MAS1006030PER5	39.37in	23.62in	11.81in	No	
MAS0403021R5 	MAS0403021R5	15.75in	11.81in	8.27in	Yes	14.57 x 9.84in
MAS1208040R5 	MAS1208040R5	47.24in	31.5in	15.75in	Yes	46.06 x 29.53in
MAS0505030R5 	MAS0505030R5	19.69in	19.69in	11.81in	Yes	18.5 x 17.72in
MAS1208040PER5	MAS1208040PER5	47.24in	31.5in	15.75in	No	
MAS1008026R5	MAS1008026R5	39.37in	31.5in	10.24in	Yes	38.19 x 29.53in
MAS1008040R5 	MAS1008040R5	39.37in	31.5in	15.75in	Yes	38.19 x 29.53in
MAS0202015PER5	MAS0202015PER5	7.87in	7.87in	6.1in	No	
MAS0504026PER5	MAS0504026PER5	19.69in	15.75in	10.24in	No	

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Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0303015R5 	MAS0303015R5	11.81in	11.81in	6.1in	Yes	10.63 x 9.84in
MAS0403015PER5	MAS0403015PER5	15.75in	11.81in	6.1in	No	
MAS0406021R5	MAS0406021R5	15.75in	23.62in	8.27in	Yes	14.57 x 21.65in
MAS0504026R5	MAS0504026R5	19.69in	15.75in	10.24in	Yes	18.5 x 13.78in
MAS0503021R5	MAS0503021R5	19.69in	11.81in	8.27in	Yes	18.5 x 9.84in
MAS1006030R5	MAS1006030R5	39.37in	23.62in	11.81in	Yes	38.19 x 21.65in
MAS0302515R5 	MAS0302515R5	11.81in	9.84in	6.1in	Yes	10.63 x 7.87in
MAS0302521R5	MAS0302521R5	11.81in	9.84in	8.27in	Yes	10.63 x 7.87in
MAS0505030PER5	MAS0505030PER5	19.69in	19.69in	11.81in	No	
MAS0303021PER5	MAS0303021PER5	11.81in	11.81in	8.27in	No	
MAS0403015R5 	MAS0403015R5	15.75in	11.81in	6.1in	Yes	14.57 x 9.84in
MAS1006026PER5	MAS1006026PER5	39.37in	23.62in	10.24in	No	
MAS1206030PER5	MAS1206030PER5	47.24in	23.62in	11.81in	No	
MAS0504015R5	MAS0504015R5	19.69in	15.75in	6.1in	Yes	18.5 x 13.78in
MAS0302521PER5	MAS0302521PER5	11.81in	9.84in	8.27in	No	
MAS1206030R5	MAS1206030R5	47.24in	23.62in	11.81in	Yes	46.06 x 21.65in
MAS0352515R5	MAS0352515R5	13.78in	9.84in	6.1in	Yes	12.6 x 7.87in
MAS0202015R5 	MAS0202015R5	7.87in	7.87in	6.1in	Yes	6.69 x 5.91in

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0604021PER5	MAS0604021PER5	23.62in	15.75in	8.27in	No	
MAS0808040PER5	MAS0808040PER5	31.5in	31.5in	15.75in	No	

Table 4/6

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0605026PER5	MAS0605026PER5	23.62in	19.69in	10.24in	No	
MAS0604026R5	MAS0604026R5	23.62in	15.75in	10.24in	Yes	22.44 x 13.78in
MAS0705021PER5	MAS0705021PER5	27.56in	19.69in	8.27in	No	
MAS0806026R5	MAS0806026R5	31.5in	23.62in	10.24in	Yes	30.31 x 21.65in
MAS0605030R5	MAS0605030R5	23.62in	19.69in	11.81in	Yes	22.44 x 17.72in
MAS0605026R5	MAS0605026R5	23.62in	19.69in	10.24in	Yes	22.44 x 17.72in
MAS0808021PER5	MAS0808021PER5	31.5in	31.5in	8.27in	No	
MAS0705026PER5	MAS0705026PER5	27.56in	19.69in	10.24in	No	
MAS0606030R5 	MAS0606030R5	23.62in	23.62in	11.81in	Yes	22.44 x 21.65in
MAS0808021R5	MAS0808021R5	31.5in	31.5in	8.27in	Yes	30.31 x 29.53in
MAS0808030R5 	MAS0808030R5	31.5in	31.5in	11.81in	Yes	30.31 x 29.53in
MAS0604026PER5	MAS0604026PER5	23.62in	15.75in	10.24in	No	
MAS0606040R5	MAS0606040R5	23.62in	23.62in	15.75in	Yes	22.44 x 21.65in
MAS0806030R5 	MAS0806030R5	31.5in	23.62in	11.81in	Yes	30.31 x 21.65in
MAS0604021R5 	MAS0604021R5	23.62in	15.75in	8.27in	Yes	22.44 x 13.78in
MAS0605021R5	MAS0605021R5	23.62in	19.69in	8.27in	Yes	22.44 x 17.72in
MAS0605030PER5	MAS0605030PER5	23.62in	19.69in	11.81in	No	
MAS0605015PER5	MAS0605015PER5	23.62in	19.69in	6.1in	No	
MAS0705021R5	MAS0705021R5	27.56in	19.69in	8.27in	Yes	26.38 x 17.72in
MAS0808030PER5	MAS0808030PER5	31.5in	31.5in	11.81in	No	

Table 5/6

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0808040R5	MAS0808040R5	31.5in	31.5in	15.75in	Yes	30.31 x 29.53in
MAS0804030R5	MAS0804030R5	31.5in	15.75in	11.81in	Yes	30.31 x 13.78in
MAS0606040PER5	MAS0606040PER5	23.62in	23.62in	15.75in	No	
MAS0806030PER5	MAS0806030PER5	31.5in	23.62in	11.81in	No	
MAS0606030PER5	MAS0606030PER5	23.62in	23.62in	11.81in	No	
MAS0605015R5	MAS0605015R5	23.62in	19.69in	6.1in	Yes	22.44 x 17.72in
MAS0604015PER5	MAS0604015PER5	23.62in	15.75in	6.1in	No	
MAS0806021PER5	MAS0806021PER5	31.5in	23.62in	8.27in	No	
MAS0804030PER5	MAS0804030PER5	31.5in	15.75in	11.81in	No	

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0605021PER5	MAS0605021PER5	23.62in	19.69in	8.27in	No	
MAS0606021R5 	MAS0606021R5	23.62in	23.62in	8.27in	Yes	22.44 x 21.65in
MAS0806040R5	MAS0806040R5	31.5in	23.62in	15.75in	Yes	30.31 x 21.65in
MAS0608030PER5	MAS0608030PER5	23.62in	31.5in	11.81in	No	
MAS0604030R5	MAS0604030R5	23.62in	15.75in	11.81in	Yes	22.44 x 13.78in
MAS0806026PER5	MAS0806026PER5	31.5in	23.62in	10.24in	No	
MAS0608030R5	MAS0608030R5	23.62in	31.5in	11.81in	Yes	22.44 x 29.53in
MAS0604015R5	MAS0604015R5	23.62in	15.75in	6.1in	Yes	22.44 x 13.78in
MAS0806021R5 	MAS0806021R5	31.5in	23.62in	8.27in	Yes	30.31 x 21.65in
MAS0806040PER5	MAS0806040PER5	31.5in	23.62in	15.75in	No	
MAS0705026R5 	MAS0705026R5	27.56in	19.69in	10.24in	Yes	26.38 x 17.72in

Table 6/6

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAS0606021PER5	MAS0606021PER5	23.62in	23.62in	8.27in	No	
MAS0604030PER5	MAS0604030PER5	23.62in	15.75in	11.81in	No	
MAS0606026R5	MAS0606026R5	23.62in	23.62in	10.24in	Yes	22.44 x 21.65in
MAS0406040R5	MAS0406040R5	15.75in	23.62in	15.75in	Yes	14.57 x 21.65in
MAS0604040R5	MAS0604040R5	23.62in	15.75in	15.75in	Yes	22.44 x 13.78in
MAS1006040R5	MAS1006040R5	39.37in	23.62in	15.75in	Yes	38.19 x 21.65in
MAS1206040R5	MAS1206040R5	47.24in	23.62in	15.75in	Yes	46.06 x 21.65in

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.



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