

# Single Door Enclosure Mild Steel, MAS

## Power Utilities



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. E92044

cUL Listed per CSA C22.2 No.0, No.0.4, No.14, No.94; Type 12; File No. E92044

NEMA/EEMAC Type 4, 12

CSA, File No. 1442951: Type 4, 12

IEC 62208 IP66

KEMA, GOST, Lloyds, DNV, Maritime, CE

### FEATURES

For outdoor installation, the use of a rain hood ARF and 100% polyester paint coating is recommended

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

Door: Surface mounted with 130-degree opening; concealed removable hinges with captive pin

Door: Hinges can be mounted to allow left or right hand opening

Door: inner M6 welded studs to mount door profiles MMDP

Door: Sealing is ensured by an injected one piece polyurethane gasket

Lock: Customized lock with double-bit for easy opening of the door

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

Mounting plate: The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment

Mounting plate: On the top and bottom there are holes to facilitate cable fixing

Mounting plate: All sides, from 800 mm and above, are strengthened by folded edges

Delivery: Enclosure with door and mounting plate; for height 600 mm and above, two door mounting profiles; gland plate(s) with gasket(s), plastic double-bit 3 mm key, mounting accessories, metallic key, for height 1000 mm and above

## SPECIFICATIONS

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

Table 1/1

| Catalog Number | Article Number | Height | Width  | Depth  | Panel Size   |
|----------------|----------------|--------|--------|--------|--------------|
| MAS0304021R5   | MAS0304021R5   | 300 mm | 400 mm | 210 mm | 270 x 330 mm |
| MAS0202015R5   | MAS0202015R5   | 200 mm | 200 mm | 155 mm | 170 x 150 mm |
| MAS0252015R5   | MAS0252015R5   | 250 mm | 200 mm | 155 mm | 220 x 150 mm |
| MAS0252515R5   | MAS0252515R5   | 250 mm | 250 mm | 155 mm | 220 x 200 mm |
| MAS0302515R5   | MAS0302515R5   | 300 mm | 250 mm | 155 mm | 270 x 200 mm |
| MAS0302521R5   | MAS0302521R5   | 300 mm | 250 mm | 210 mm | 270 x 200 mm |
| MAS0303015R5   | MAS0303015R5   | 300 mm | 300 mm | 155 mm | 270 x 250 mm |
| MAS0303021R5   | MAS0303021R5   | 300 mm | 300 mm | 210 mm | 270 x 250 mm |
| MAS0352515R5   | MAS0352515R5   | 350 mm | 250 mm | 155 mm | 320 x 200 mm |
| MAS0403015R5   | MAS0403015R5   | 400 mm | 300 mm | 155 mm | 370 x 250 mm |
| MAS0403021R5   | MAS0403021R5   | 400 mm | 300 mm | 210 mm | 370 x 250 mm |
| MAS0404021R5   | MAS0404021R5   | 400 mm | 400 mm | 210 mm | 370 x 350 mm |
| MAS0405021R5   | MAS0405021R5   | 400 mm | 500 mm | 210 mm | 370 x 450 mm |
| MAS0406021R5   | MAS0406021R5   | 400 mm | 600 mm | 210 mm | 370 x 550 mm |
| MAS0503021R5   | MAS0503021R5   | 500 mm | 300 mm | 210 mm | 470 x 250 mm |

| Catalog Number | Article Number | Height | Width  | Depth  | Panel Size   |
|----------------|----------------|--------|--------|--------|--------------|
| MAS0504015R5   | MAS0504015R5   | 500 mm | 400 mm | 155 mm | 470 x 350 mm |
| MAS0504021R5   | MAS0504021R5   | 500 mm | 400 mm | 210 mm | 470 x 350 mm |
| MAS0504026R5   | MAS0504026R5   | 500 mm | 400 mm | 260 mm | 470 x 350 mm |
| MAS0504030R5   | MAS0504030R5   | 500 mm | 400 mm | 300 mm | 470 x 350 mm |
| MAS0505021R5   | MAS0505021R5   | 500 mm | 500 mm | 210 mm | 470 x 450 mm |
| MAS0505030R5   | MAS0505030R5   | 500 mm | 500 mm | 300 mm | 470 x 450 mm |
| MAS0604015R5   | MAS0604015R5   | 600 mm | 400 mm | 155 mm | 570 x 350 mm |
| MAS0604021R5   | MAS0604021R5   | 600 mm | 400 mm | 210 mm | 570 x 350 mm |
| MAS0604026R5   | MAS0604026R5   | 600 mm | 400 mm | 260 mm | 570 x 350 mm |
| MAS0604030R5   | MAS0604030R5   | 600 mm | 400 mm | 300 mm | 570 x 350 mm |
| MAS0605015R5   | MAS0605015R5   | 600 mm | 500 mm | 155 mm | 570 x 450 mm |
| MAS0605021R5   | MAS0605021R5   | 600 mm | 500 mm | 210 mm | 570 x 450 mm |
| MAS0605026R5   | MAS0605026R5   | 600 mm | 500 mm | 260 mm | 570 x 450 mm |
| MAS0605030R5   | MAS0605030R5   | 600 mm | 500 mm | 300 mm | 570 x 450 mm |
| MAS0606021R5   | MAS0606021R5   | 600 mm | 600 mm | 210 mm | 570 x 550 mm |
| MAS0606030R5   | MAS0606030R5   | 600 mm | 600 mm | 300 mm | 570 x 550 mm |
| MAS0606040R5   | MAS0606040R5   | 600 mm | 600 mm | 400 mm | 570 x 550 mm |
| MAS0608030R5   | MAS0608030R5   | 600 mm | 800 mm | 300 mm | 570 x 750 mm |

| Catalog Number | Article Number | Height  | Width  | Depth  | Panel Size    |
|----------------|----------------|---------|--------|--------|---------------|
| MAS0705021R5   | MAS0705021R5   | 700 mm  | 500 mm | 210 mm | 670 x 450 mm  |
| MAS0705026R5   | MAS0705026R5   | 700 mm  | 500 mm | 260 mm | 670 x 450 mm  |
| MAS0804030R5   | MAS0804030R5   | 800 mm  | 400 mm | 300 mm | 770 x 350 mm  |
| MAS0806021R5   | MAS0806021R5   | 800 mm  | 600 mm | 210 mm | 770 x 550 mm  |
| MAS0806026R5   | MAS0806026R5   | 800 mm  | 600 mm | 260 mm | 770 x 550 mm  |
| MAS0806030R5   | MAS0806030R5   | 800 mm  | 600 mm | 300 mm | 770 x 550 mm  |
| MAS0806040R5   | MAS0806040R5   | 800 mm  | 600 mm | 400 mm | 770 x 550 mm  |
| MAS0808021R5   | MAS0808021R5   | 800 mm  | 800 mm | 210 mm | 770 x 750 mm  |
| MAS0808030R5   | MAS0808030R5   | 800 mm  | 800 mm | 300 mm | 770 x 750 mm  |
| MAS0808040R5   | MAS0808040R5   | 800 mm  | 800 mm | 400 mm | 770 x 750 mm  |
| MAS1006026R5   | MAS1006026R5   | 1000 mm | 600 mm | 260 mm | 970 x 550 mm  |
| MAS1006030R5   | MAS1006030R5   | 1000 mm | 600 mm | 300 mm | 970 x 550 mm  |
| MAS1008026R5   | MAS1008026R5   | 1000 mm | 800 mm | 260 mm | 970 x 750 mm  |
| MAS1008030R5   | MAS1008030R5   | 1000 mm | 800 mm | 300 mm | 970 x 750 mm  |
| MAS1008040R5   | MAS1008040R5   | 1000 mm | 800 mm | 400 mm | 970 x 750 mm  |
| MAS1206030R5   | MAS1206030R5   | 1200 mm | 600 mm | 300 mm | 1170 x 550 mm |
| MAS1208030R5   | MAS1208030R5   | 1200 mm | 800 mm | 300 mm | 1170 x 750 mm |
| MAS1208040R5   | MAS1208040R5   | 1200 mm | 800 mm | 400 mm | 1170 x 750 mm |

## ADDITIONAL PRODUCT DETAILS

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Note: items ending in PER5 (not sold in North America region) do not include the Mounting Plate.

## WARNING

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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](http://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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