

# Double Door Enclosure, MAD

The mild steel double door wall mounted enclosure range, MAD, is ideal for installation in confined spaces where a single door, when opened, would take up too much space in front of the enclosure. The doors' loading capacity also increases as it is divided over two doors. With a IP 55 protection degree, components inside the enclosure are well protected and makes it well suited for many different applications.



## INDUSTRY STANDARDS

UL 508A Listed; Type 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 12

CSA, File No. 1442951: Type 12

IEC 62208 IP55

CE, UK CA, UL, DNV, EAC

## FEATURES

**Material:** Body: 1.5 mm mild steel. Gland plate: 1.4 mm mild steel. Door: 2 mm mild steel Mounting plate: 2 mm galvanized steel / 2.5 mm MAD1001030R5 and above.

**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° opening. Concealed removable hinges with captive pin. Inner M6 welded studs to mount door profiles MMDP. Two removable mounting profiles on the right hand door and two on the left hand door. Sealing is ensured by an injected one piece polyurethane gasket.

**Lock:** Customized lock with double-bit for easy opening of the door. Double-bit 3 mm insert and 90° movement. Espagnolette three point locking. Other inserts are available as an accessory.

**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.

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

**Protection:** IP 55, TYPE 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.

**Finish:** RAL 7035 structured powder coating.

**Delivery:** Enclosure with doors and mounting plate (not included for item numbers ending with PER5). Two door mounting profiles on each door. Gland plate(s) with gasket(s), metallic double-bit 3 mm key, and mounting accessories. Earthing

facilities.

## SPECIFICATIONS

<b>Body Thickness:</b>	1.5mm
<b>Door Thickness:</b>	2mm
<b>Color:</b>	Light Gray
<b>Material:</b>	Mild Steel
<b>Finish:</b>	Powder Coated
<b>Color Code:</b>	RAL 7035

Table 1/1

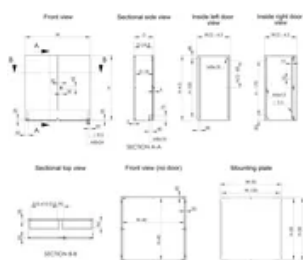
Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAD0608030PE R5	MAD0608030PE R5	600mm	800mm	300mm	No	
MAD0608030R5	MAD0608030R5	600mm	800mm	300mm	Yes	570 x 750mm
MAD0801230PE R5	MAD0801230PE R5	800mm	1200mm	300mm	No	
MAD0801230R5	MAD0801230R5	800mm	1200mm	300mm	Yes	770 x 1150mm
MAD1001030PE R5	MAD1001030PE R5	1000mm	1000mm	300mm	No	
MAD1001030R5	MAD1001030R5	1000mm	1000mm	300mm	Yes	970 x 950mm
MAD1201030PE R5	MAD1201030PE R5	1200mm	1000mm	300mm	No	
MAD1201030R5	MAD1201030R5	1200mm	1000mm	300mm	Yes	1170 x 950mm
MAD1201230PE R5	MAD1201230PE R5	1200mm	1200mm	300mm	No	
MAD1201230R5	MAD1201230R5	1200mm	1200mm	300mm	Yes	1170 x 1150mm
MAD0801021R5	MAD0801021R5	800mm	1000mm	210mm	Yes	750 x 950mm
MAD0801030R5	MAD0801030R5	800mm	1000mm	300mm	Yes	750 x 950mm
MAD1201040R5	MAD1201040R5	1200mm	1000mm	400mm	Yes	1170 x 950mm

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size
MAD1201240R5	MAD1201240R5	1200mm	1200mm	400mm	Yes	1170 x 1150mm

## ADDITIONAL PRODUCT DETAILS

\* 3 point espagnolette locking.

## DIAGRAMS



## 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](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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