MODULAR DOUBLE DOOR, MCD

The mild steel double door combinable floor standing enclosure range, MCD, 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. E92044

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

NEMA/EEMAC Type 12

CSA, File No. 1442951: Type 12

IEC 62208 IP55

KEMA, GOST, Lloyds, DNV, Maritime, CE, EAC

FEATURES

Material: Frame: 1.5 mm painted steel. Doors: 2 mm painted steel. Rear, roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

Frame: Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

Doors: Mounted with four hinges. Including door frame with 25 mm hole pattern. Doors cannot be reversed. Separate doors to be ordered for left hand door locking.

Rear panel: Fitted by M6 torx screws. Standard facilities for rear doors mounting. Split rear panels in 1600 mm wide enclosures. RD version comes with rear door instead of rear panel.

Side panels: Supplied as an accessory.

Roof panel: Removable.

Lock: Espagnolette 4-point locking system in the main door and 2-point locking system in the slave door. Standard double-bit lock with 3 mm insert. Standard inserts, cylinders, lift handles and T-handles are available as accessories.

Bottom plates: Consists of three or four (D>600) pieces.

Mounting plate: Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

Earthing: All panels are earthed through their fittings and equipped with a separate earthing stud.

Finish: RAL 7035 structured powder coating.

Protection: Complies with IP55 | TYPE 12 | IK 10.

Mounting requirements: Standard delivery ready for combined installation. For stand-alone installation add side panels.

Delivery: Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame (not included for PER5 version). For enclosures 2200 mm height, delivery includes two CMB profiles mounted in depth. Delivery also includes earthing bolts. Delivered on a pallet which is identical to the width of the enclosure to allow baying without removal. Packing material is recyclable.

SPECIFICATIONS

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

Table 1/1						
Catalog Number	**Height**	**Width**	**Depth**	**Mounting Plate Included**	**Mounting Plate Height**	**Mounting Plate Width**
MCD18085PER5	1800 mm	800 mm	500 mm	No		
MCD18085R5	1800 mm	800 mm	500 mm	Yes	1694 mm	694 mm
MCD18104PER5	1800 mm	1000 mm	400 mm	No		
MCD18104R5	1800 mm	1000 mm	400 mm	Yes	1694 mm	894 mm
MCD18105PER5	1800 mm	1000 mm	500 mm	No		
MCD18105R5	1800 mm	1000 mm	500 mm	Yes	1694 mm	894 mm
MCD18124PER5	1800 mm	1200 mm	400 mm	No		
MCD18124R5	1800 mm	1200 mm	400 mm	Yes	1694 mm	1094 mm
MCD18125PER5	1800 mm	1200 mm	500 mm	No		
MCD18125R5	1800 mm	1200 mm	500 mm	Yes	1694 mm	1094 mm
MCD18126PER5	1800 mm	1200 mm	600 mm	No		
MCD18126R5	1800 mm	1200 mm	600 mm	Yes	1694 mm	1094 mm
MCD18164PER5	1800 mm	1600 mm	400 mm	No		
MCD18164R5	1800 mm	1600 mm	400 mm	Yes	1694 mm	1494 mm
MCD20085PER5	2000 mm	800 mm	500 mm	No		
MCD20085R5	2000 mm	800 mm	500 mm	Yes	1894 mm	694 mm
MCD20086R5	2000 mm	800 mm	600 mm	Yes		
MCD20104PER5	2000 mm	1000 mm	400 mm	No		
MCD20104R5	2000 mm	1000 mm	400 mm	Yes	1894 mm	894 mm
MCD20105PER5	2000 mm	1000 mm	500 mm	No		
MCD20105R5	2000 mm	1000 mm	500 mm	Yes	1894 mm	894 mm
MCD20106PER5	2000 mm	1000 mm	600 mm	No		
MCD20106R5	2000 mm	1000 mm	600 mm	Yes	1894 mm	894 mm
MCD20108PER5	2000 mm	1000 mm	800 mm	No		
MCD20108R5	2000 mm	1000 mm	800 mm	Yes	1894 mm	894 mm
MCD20124PER5	2000 mm	1200 mm	400 mm	No		
MCD20124R5	2000 mm	1200 mm	400 mm	Yes	1894 mm	1094 mm
MCD20125PER5	2000 mm	1200 mm	500 mm	No		
MCD20125R5	2000 mm	1200 mm	500 mm	Yes	1894 mm	1094 mm
MCD20126PER5	2000 mm	1200 mm	600 mm	No		
MCD20126R5	2000 mm	1200 mm	600 mm	Yes	1894 mm	1094 mm
MCD20128PER5	2000 mm	1200 mm	800 mm	No		
MCD20128R5	2000 mm	1200 mm	800 mm	Yes	1894 mm	1094 mm

CatalogNumber	Height	Width	Depth	Mounting Plate Included	Mounting Plate Height	Mounting Plate Width
MCD20164PER5	2000 mm	1600 mm	400 mm	No		
MCD20164R5	2000 mm	1600 mm	400 mm	Yes	1894 mm	1494 mm
MCD20165PER5	2000 mm	1600 mm	500 mm	No		
MCD20165R5	2000 mm	1600 mm	500 mm	Yes	1894 mm	1494 mm
MCD20166PER5	2000 mm	1600 mm	600 mm	No		
MCD20166R5	2000 mm	1600 mm	600 mm	Yes	1894 mm	1494 mm
MCD22106PER5	2200 mm	1000 mm	600 mm	No		
MCD22106R5	2200 mm	1000 mm	600 mm	Yes	2094 mm	894 mm
MCD22126PER5	2200 mm	1200 mm	600 mm	No		
MCD22126R5	2200 mm	1200 mm	600 mm	Yes	2094 mm	1094 mm
MCD20086PER5	2000 mm	800 mm	600 mm	No		
MCD20088PERD R5	2000 mm	800 mm	800 mm	No		
MCD20088RDR5	2000 mm	800 mm	800 mm	Yes		
MCD20108PERD R5	2000 mm	1000 mm	800 mm	No		
MCD20108RDR5	2000 mm	1000 mm	800 mm	Yes		
MCD20126PERD R5	2000 mm	1200 mm	600 mm	No		
MCD20126RDR5	2000 mm	1200 mm	600 mm	Yes		
MCD20128PERD R5	2000 mm	1200 mm	800 mm	No		
MCD20128RDR5	2000 mm	1200 mm	800 mm	Yes		

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.