

# 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

CE, UK CA, UL, DNV

## 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 secondary 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

**Material:** Mild Steel

**Color Code:** RAL 7035

Table 1/4

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Height
MCD22128R5	MCD22128R5	2200mm	1199mm	800mm	Yes	
MCD20164R5	MCD20164R5	2000mm	1600mm	400mm	Yes	74.57mm
MCD16125R5	MCD16125R5	1600mm	1200mm	500mm	Yes	
MCD18165R5	MCD18165R5	1800mm	1599mm	500mm	Yes	
MCD20108RDR5		2000mm	1000mm	800mm	Yes	
MCD22126PER5		2200mm	1200mm	600mm	No	
MCD20126R5	MCD20126R5	2000mm	1200mm	600mm	Yes	74.57mm
MCD18125R5	MCD18125R5	1800mm	1200mm	500mm	Yes	66.7mm
MCD18104PER5		1800mm	1000mm	400mm	No	
MCD22126R5	MCD22126R5	2200mm	1200mm	600mm	Yes	82.44mm
MCD20106R5	MCD20106R5	2000mm	1000mm	600mm	Yes	74.57mm
MCD20126RDR5		2000mm	1200mm	600mm	Yes	
MCD20166R5	MCD20166R5	2000mm	1600mm	600mm	Yes	74.57mm
MCD20085PER5		2000mm	800mm	500mm	No	
MCD20185R5	MCD20185R5	2000mm	1800mm	500mm	Yes	
MCD20088PERDR5		2000mm	800mm	800mm	No	
MCD20108PER5		2000mm	1000mm	800mm	No	
MCD18166PER5	MCD18166PER5	1800mm	1600mm	600mm	No	
MCD18124PER5		1800mm	1200mm	400mm	No	
MCD20164PER5		2000mm	1600mm	400mm	No	

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Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Height
MCD18166R5	MCD18166R5	1800mm	1600mm	600mm	Yes	66.7mm
MCD200810PER5		2000mm	800mm	1000mm	No	
MCD20166PER5		2000mm	1600mm	600mm	No	
MCD18124R5	MCD18124R5	1800mm	1200mm	400mm	Yes	66.7mm
MCD20124PER5		2000mm	1200mm	400mm	No	
MCD18185R5	MCD18185R5	1800mm	1800mm	500mm	Yes	

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Height
MCD20124R5	MCD20124R5	2000mm	1200mm	400mm	Yes	74.57mm
MCD20125R5	MCD20125R5	2000mm	1200mm	500mm	Yes	74.57mm
MCD20168PER5	MCD20168PER5	2000mm	1600mm	800mm	No	
MCD18104R5	MCD18104R5	1800mm	1000mm	400mm	Yes	66.7mm
MCD18126PER5		1800mm	1200mm	600mm	No	
MCD12125PER5	MCD12125PER5	1200mm	1200mm	500mm	No	
MCD20086R5	MCD20086R5	2000mm	800mm	600mm	Yes	
MCD20104PER5		2000mm	1000mm	400mm	No	
MCD20086PER5		2000mm	800mm	600mm	No	
MCD18186R5	MCD18186R5	1800mm	1800mm	600mm	Yes	
MCD20085R5	MCD20085R5	2000mm	800mm	500mm	Yes	74.57mm
MCD18125PER5		1800mm	1200mm	500mm	No	
MCD20165PER5		2000mm	1600mm	500mm	No	
MCD18105PER5		1800mm	1000mm	500mm	No	

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Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Height
MCD20106PER5		2000mm	1000mm	600mm	No	
MCD200810R5		2000mm	800mm	1000mm	Yes	82.44mm
MCD14125R5	MCD14125R5	1400mm	1200mm	500mm	Yes	
MCD22106PER5		2200mm	1000mm	600mm	No	
MCD20128R5	MCD20128R5	2000mm	1200mm	800mm	Yes	74.57mm
MCD18164R5	MCD18164R5	1800mm	1600mm	400mm	Yes	66.7mm
MCD20168R5	MCD20168R5	2000mm	1600mm	800mm	Yes	74.57mm
MCD20088RDR5		2000mm	800mm	800mm	Yes	
MCD20088R5	MCD20088R5	2000mm	800mm	800mm	Yes	74.56mm
MCD18085PER5		1800mm	800mm	500mm	No	
MCD20125PER5		2000mm	1200mm	500mm	No	
MCD20165R5	MCD20165R5	2000mm	1600mm	500mm	Yes	74.57mm
MCD18164PER5		1800mm	1600mm	400mm	No	
MCD20128PERDR5		2000mm	1200mm	800mm	No	
MCD20188R5	MCD20188R5	2000mm	1800mm	800mm	Yes	
MCD220810PER5		2200mm	800mm	1000mm	No	
MCD12125R5	MCD12125R5	1200mm	1200mm	500mm	Yes	

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Height
MCD14125PER5	MCD14125PER5	1400mm	1200mm	500mm	No	
MCD18105R5	MCD18105R5	1800mm	1000mm	500mm	Yes	66.7mm
MCD20105PER5		2000mm	1000mm	500mm	No	

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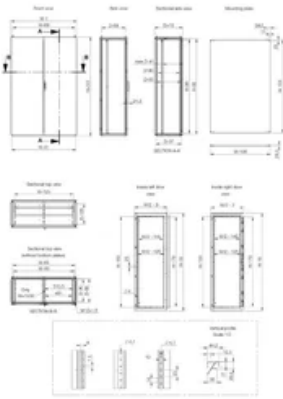
Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Height
MCD20128RDR5		2000mm	1200mm	800mm	Yes	
MCD22125R5	MCD22125R5	2200mm	1199mm	500mm	Yes	
MCD20126PER5		2000mm	1200mm	600mm	No	
MCD22166R5	MCD22166R5	2200mm	1599mm	600mm	Yes	
MCD18085R5	MCD18085R5	1800mm	800mm	500mm	Yes	66.7mm
MCD20126PERDR5		2000mm	1200mm	600mm	No	
MCD20108PERDR5		2000mm	1000mm	800mm	No	
MCD16125PER5	MCD16125PER5	1600mm	1200mm	500mm	No	
MCD20108R5	MCD20108R5	2000mm	1000mm	800mm	Yes	74.57mm
MCD20186R5	MCD20186R5	2000mm	1800mm	600mm	Yes	
MCD20128PER5		2000mm	1200mm	800mm	No	
MCD20104R5	MCD20104R5	2000mm	1000mm	400mm	Yes	74.57mm
MCD220810R5		2200mm	800mm	1000mm	Yes	74.57mm
MCD20105R5	MCD20105R5	2000mm	1000mm	500mm	Yes	74.57mm
MCD22106R5	MCD22106R5	2200mm	1000mm	600mm	Yes	82.44mm
MCD18126R5	MCD18126R5	1800mm	1200mm	600mm	Yes	66.7mm
MCD20088PER5		2000mm	800mm	800mm	No	

## ADDITIONAL PRODUCT DETAILS

SPM mild steel side panels must be ordered separately to close the cabinets (individual or assembled), in order to maintain the protection rating.

## DIAGRAMS

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## 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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