

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 Width
MCD22128R5	MCD22128R5	86.61in	47.24in	31.5in	Yes	
MCD20164R5	MCD20164R5	78.74in	62.99in	15.75in	Yes	58.82in
MCD16125R5	MCD16125R5	62.99in	47.24in	19.69in	Yes	
MCD18165R5	MCD18165R5	70.87in	62.99in	19.69in	Yes	
MCD20108RDR5		78.74in	39.37in	31.5in	Yes	
MCD22126PER5	MCD22126PER5	86.61in	47.24in	23.62in	No	
MCD20126R5	MCD20126R5	78.74in	47.24in	23.62in	Yes	43.07in
MCD18125R5	MCD18125R5	70.87in	47.24in	19.69in	Yes	43.07in
MCD18104PER5	MCD18104PER5	70.87in	39.37in	15.75in	No	
MCD22126R5	MCD22126R5	86.61in	47.24in	23.62in	Yes	43.07in
MCD20106R5	MCD20106R5	78.74in	39.37in	23.62in	Yes	35.2in
MCD20126RDR5		78.74in	47.24in	23.62in	Yes	
MCD20166R5	MCD20166R5	78.74in	62.99in	23.62in	Yes	58.82in
MCD20085PER5	MCD20085PER5	78.74in	31.5in	19.69in	No	
MCD20185R5	MCD20185R5	78.74in	70.87in	19.69in	Yes	
MCD20088PERDR5		78.74in	31.5in	31.5in	No	
MCD20108PER5	MCD20108PER5	78.74in	39.37in	31.5in	No	
MCD18166PER5	MCD18166PER5	70.87in	62.99in	23.62in	No	
MCD18124PER5	MCD18124PER5	70.87in	47.24in	15.75in	No	
MCD20164PER5	MCD20164PER5	78.74in	62.99in	15.75in	No	

Table 2/4

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Width
MCD18166R5	MCD18166R5	70.87in	62.99in	23.62in	Yes	58.82in
MCD200810PER5		78.74in	31.5in	39.37in	No	
MCD20166PER5	MCD20166PER5	78.74in	62.99in	23.62in	No	
MCD18124R5	MCD18124R5	70.87in	47.24in	15.75in	Yes	43.07in
MCD20124PER5	MCD20124PER5	78.74in	47.24in	15.75in	No	
MCD18185R5	MCD18185R5	70.87in	70.87in	19.69in	Yes	

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Width
MCD20124R5	MCD20124R5	78.74in	47.24in	15.75in	Yes	43.07in
MCD20125R5	MCD20125R5	78.74in	47.24in	19.69in	Yes	43.07in
MCD20168PER5	MCD20168PER5	78.74in	62.99in	31.5in	No	
MCD18104R5	MCD18104R5	70.87in	39.37in	15.75in	Yes	35.2in
MCD18126PER5	MCD18126PER5	70.87in	47.24in	23.62in	No	
MCD12125PER5	MCD12125PER5	47.24in	47.24in	19.68in	No	
MCD20086R5	MCD20086R5	78.74in	31.5in	23.62in	Yes	
MCD20104PER5	MCD20104PER5	78.74in	39.37in	15.75in	No	
MCD20086PER5		78.74in	31.5in	23.62in	No	
MCD18186R5	MCD18186R5	70.87in	70.87in	23.62in	Yes	
MCD20085R5	MCD20085R5	78.74in	31.5in	19.69in	Yes	27.32in
MCD18125PER5	MCD18125PER5	70.87in	47.24in	19.69in	No	
MCD20165PER5	MCD20165PER5	78.74in	62.99in	19.69in	No	
MCD18105PER5	MCD18105PER5	70.87in	39.37in	19.69in	No	

Table 3/4

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Width
MCD20106PER5	MCD20106PER5	78.74in	39.37in	23.62in	No	
MCD200810R5		78.74in	31.5in	39.37in	Yes	27.32in
MCD14125R5	MCD14125R5	55.12in	47.24in	19.69in	Yes	
MCD22106PER5	MCD22106PER5	86.61in	39.37in	23.62in	No	
MCD20128R5	MCD20128R5	78.74in	47.24in	31.5in	Yes	43.07in
MCD18164R5	MCD18164R5	70.87in	62.99in	15.75in	Yes	58.82in
MCD20168R5	MCD20168R5	78.74in	62.99in	31.5in	Yes	58.82in
MCD20088RDR5		78.74in	31.5in	31.5in	Yes	
MCD20088R5	MCD20088R5	78.74in	31.5in	31.5in	Yes	27.32in
MCD18085PER5	MCD18085PER5	70.87in	31.5in	19.69in	No	
MCD20125PER5	MCD20125PER5	78.74in	47.24in	19.69in	No	
MCD20165R5	MCD20165R5	78.74in	62.99in	19.69in	Yes	58.82in
MCD18164PER5	MCD18164PER5	70.87in	62.99in	15.75in	No	
MCD20128PERDR5		78.74in	47.24in	31.5in	No	
MCD20188R5	MCD20188R5	78.74in	70.87in	31.5in	Yes	
MCD220810PER5		86.61in	31.5in	39.37in	No	
MCD12125R5	MCD12125R5	47.24in	47.24in	19.68in	Yes	

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Width
MCD14125PER5	MCD14125PER5	55.12in	47.24in	19.68in	No	
MCD18105R5	MCD18105R5	70.87in	39.37in	19.69in	Yes	35.2in
MCD20105PER5	MCD20105PER5	78.74in	39.37in	19.69in	No	

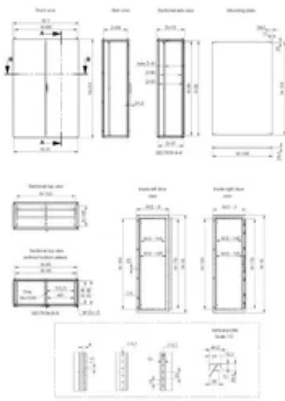
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Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Mounting Plate Width
MCD20128RDR5		78.74in	47.24in	31.5in	Yes	
MCD22125R5	MCD22125R5	86.61in	47.24in	19.69in	Yes	
MCD20126PER5	MCD20126PER5	78.74in	47.24in	23.62in	No	
MCD22166R5	MCD22166R5	86.61in	62.99in	23.62in	Yes	
MCD18085R5	MCD18085R5	70.87in	31.5in	19.69in	Yes	27.32in
MCD20126PERDR5		78.74in	47.24in	23.62in	No	
MCD20108PERDR5		78.74in	39.37in	31.5in	No	
MCD16125PER5	MCD16125PER5	62.99in	47.24in	19.68in	No	
MCD20108R5	MCD20108R5	78.74in	39.37in	31.5in	Yes	35.2in
MCD20186R5	MCD20186R5	78.74in	70.87in	23.62in	Yes	
MCD20128PER5	MCD20128PER5	78.74in	47.24in	31.5in	No	
MCD20104R5	MCD20104R5	78.74in	39.37in	15.75in	Yes	35.2in
MCD220810R5		86.61in	31.5in	39.37in	Yes	27.32in
MCD20105R5	MCD20105R5	78.74in	39.37in	19.69in	Yes	35.2in
MCD22106R5	MCD22106R5	86.61in	39.37in	23.62in	Yes	35.2in
MCD18126R5	MCD18126R5	70.87in	47.24in	23.62in	Yes	43.07in
MCD20088PER5		78.74in	31.5in	31.5in	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



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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