

# Mild Steel Double Door Compact Version, MKD



The mild steel double door compact floor standing enclosure range, MKD, 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

cULus\_UL Listed

CE, UK CA, UL, EAC

## FEATURES

**Material:** Body: 1.35 mm painted steel. Rear and roof panels: 1.5 mm painted steel. Door: 2 mm painted steel. Mounting plate: 3 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

**Body:** Four times folded and seam-welded frame. Integrated depth profiles with hole pattern, allowing mounting plate adjustment in depth.

**Doors:** Mounted with four hinges. Including door frame with 25 mm hole pattern. Standard 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 door mounting. Split rear panels on 1600 mm wide enclosures.

**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 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 are equipped with a separate earthing stud.

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

**Protection:** Complies with IP 55 | TYPE 12 | IK 10.

**Delivery:** Body with fitted door, rear panel, roof panel, bottom plates, mounting plate (except in PE version) and door frame. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.

All panels are grounded through their fittings and equipped with an independent grounding stem

**Body Thickness:** 1.35mm

**Door Thickness:** 2mm

**Finish:** Galvanized; Powder Coated  
**Material:** Mild Steel

## SPECIFICATIONS

Table 1/2

| Catalog Number | Height (H) | Width (W) | Depth (D) | Mounting Plate Included | Panel Size    | Max Mounting Depth |
|----------------|------------|-----------|-----------|-------------------------|---------------|--------------------|
| MKD20124R5     | 2000mm     | 1200mm    | 400mm     | Yes                     | 1894 x 1094mm | 359mm              |
| MKD16125R5     | 1600mm     | 1200mm    | 500mm     | Yes                     | 1494 x 1094mm | 459mm              |
| MKD12124R5     | 1200mm     | 1200mm    | 400mm     | Yes                     | 1094 x 1094mm | 359mm              |
| MKD20164PER5   | 2000mm     | 1600mm    | 400mm     | No                      |               |                    |
| MKD14124R5     | 1400mm     | 1200mm    | 400mm     | Yes                     | 1294 x 1094mm | 359mm              |
| MKD20125R5     | 2000mm     | 1200mm    | 500mm     | Yes                     | 1894 x 1094mm | 459mm              |
| MKD14103PER5   | 1400mm     | 1000mm    | 300mm     | No                      |               |                    |
| MKD18124PER5   | 1800mm     | 1200mm    | 400mm     | No                      |               |                    |
| MKD18124R5     | 1800mm     | 1200mm    | 400mm     | Yes                     | 1694 x 1094mm | 359mm              |
| MKD20125PER5   | 2000mm     | 1200mm    | 500mm     | No                      |               |                    |
| MKD14124PER5   | 1400mm     | 1200mm    | 400mm     | No                      |               |                    |
| MKD14103R5     | 1400mm     | 1000mm    | 300mm     | Yes                     | 1294 x 894mm  | 259mm              |
| MKD16124R5     | 1600mm     | 1200mm    | 400mm     | Yes                     | 1494 x 1094mm | 359mm              |
| MKD18125PER5   | 1800mm     | 1200mm    | 500mm     | No                      |               |                    |
| MKD14104PER5   | 1400mm     | 1000mm    | 400mm     | No                      |               |                    |
| MKD20124PER5   | 2000mm     | 1200mm    | 400mm     | No                      |               |                    |
| MKD14123R5     | 1400mm     | 1200mm    | 300mm     | Yes                     | 1294 x 1094mm | 259mm              |
| MKD18125R5     | 1800mm     | 1200mm    | 500mm     | Yes                     | 1694 x 1094mm | 459mm              |
| MKD18165R5     | 1800mm     | 1600mm    | 500mm     | Yes                     | 1694 x 1494mm | 459mm              |
| MKD18164PER5   | 1800mm     | 1600mm    | 400mm     | No                      |               |                    |

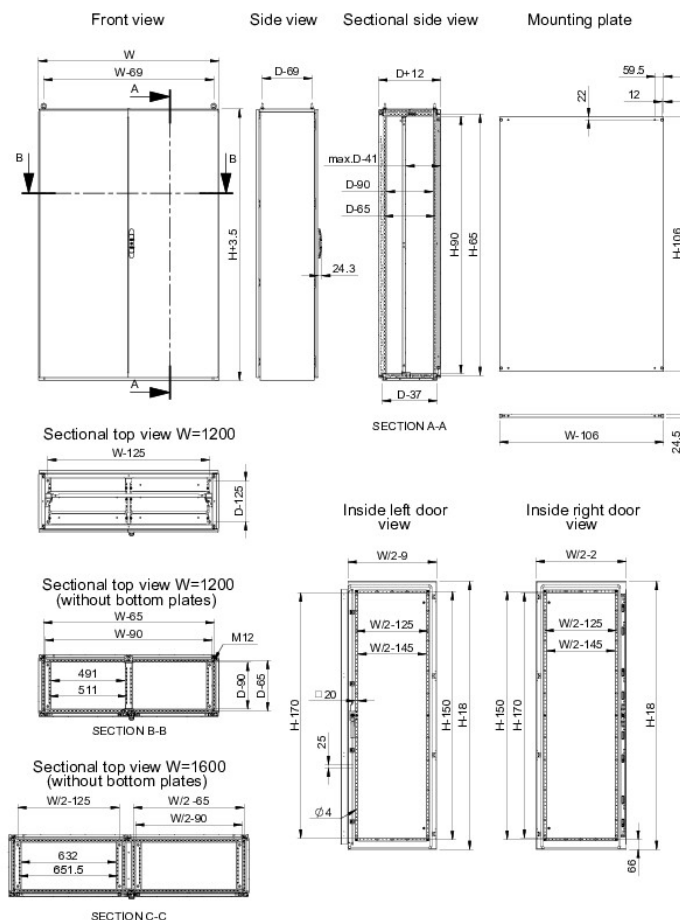
Table 2/2

| Catalog Number | Height (H) | Width (W) | Depth (D) | Mounting Plate Included | Panel Size    | Max Mounting Depth |
|----------------|------------|-----------|-----------|-------------------------|---------------|--------------------|
| MKD14104R5     | 1400mm     | 1000mm    | 400mm     | Yes                     | 1294 x 894mm  | 359mm              |
| MKD18165PER5   | 1800mm     | 1600mm    | 500mm     | No                      |               |                    |
| MKD14123PER5   | 1400mm     | 1200mm    | 300mm     | No                      |               |                    |
| MKD18164R5     | 1800mm     | 1600mm    | 400mm     | Yes                     | 1694 x 1494mm | 359mm              |
| MKD20164R5     | 2000mm     | 1600mm    | 400mm     | Yes                     | 1894 x 1494mm | 359mm              |
| MKD20165PER5   | 2000mm     | 1600mm    | 500mm     | No                      |               |                    |
| MKD16124PER5   | 1600mm     | 1200mm    | 400mm     | No                      |               |                    |
| MKD16125PER5   | 1600mm     | 1200mm    | 400mm     | No                      |               |                    |
| MKD12124PER5   | 1200mm     | 1200mm    | 400mm     | No                      |               |                    |
| MKD20165R5     | 2000mm     | 1600mm    | 500mm     | Yes                     | 1894 x 1494mm | 459mm              |

## ADDITIONAL PRODUCT DETAILS

For added cabling options, add plinths PF and PCP.

## 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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