

Mild Steel Single Door Compact Enclosure, MKS



The mild steel single door compact floor standing enclosure range, MKS, with a IP 55 protection degree, is available off the shelf in many different sizes. This enclosure range is well suited for many different applications. The risk for component failure, and with that unnecessary downtime, is eliminated as water and dust are prevented from entering the enclosure.

INDUSTRY STANDARDS

cULus_UL Listed

CE, UK CA, UL

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.

Door: Mounted with four hinges, allowing left or right hand opening. Including door frame with 25 mm hole pattern.

Rear panel: Fitted by M6 torx screws. Standard facilities for rear door mounting.

Roof panel: Removable.

Lock: Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. 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 and door frame (except PE version). Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.

Body Thickness:	1.35mm
Door Thickness:	2mm
Color:	Light Gray
Material:	Mild Steel
Finish:	Powder Coated
Color Code:	RAL 7035

SPECIFICATIONS

Table 1/3

Catalog Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size	Max Mounting Depth
MKS16104R5	1600mm	1000mm	400mm	Yes	1494 x 894mm	359mm
MKS16063PER5	1600mm	600mm	300mm	No		
MKS20084PER5	2000mm	800mm	400mm	No		
MKS16105R5	1600mm	1000mm	500mm	Yes	1494 x 894mm	459mm
MKS16063R5	1600mm	600mm	300mm	Yes	1494 x 494mm	259mm
MKS14063PER5	1400mm	600mm	300mm	No		
MKS16105PER5	1600mm	1000mm	500mm	No		
MKS20085PER5	2000mm	800mm	500mm	No		
MKS12084R5	1200mm	800mm	400mm	Yes	1094 x 694mm	359mm
MKS18064PER5	1800mm	600mm	400mm	No		
MKS16064PER5	1600mm	600mm	400mm	No		
MKS20085R5	2000mm	800mm	500mm	Yes	1894 x 694mm	459mm
MKS16104PER5	1600mm	1000mm	400mm	No		
MKS16064R5	1600mm	600mm	400mm	Yes	1494 x 494mm	359mm
MKS12084PER5	1200mm	800mm	400mm	No		
MKS20104PER5	2000mm	1000mm	400mm	No		
MKS16085R5	1600mm	800mm	500mm	Yes	1494 x 694mm	459mm
MKS16083PER5	1600mm	800mm	300mm	No		
MKS18104R5	1800mm	1000mm	400mm	Yes	1694 x 894mm	359mm
MKS18085R5	1800mm	800mm	500mm	Yes	1694 x 694mm	459mm

Table 2/3

Catalog Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size	Max Mounting Depth
MKS14083PER5	1400mm	800mm	300mm	No		
MKS18085PER5	1800mm	800mm	500mm	No		
MKS14083R5	1400mm	800mm	300mm	Yes	1294 x 694mm	259mm
MKS18104PER5	1800mm	1000mm	400mm	No		
MKS14064R5	1400mm	600mm	400mm	Yes	1294 x 494mm	359mm
MKS18084R5	1800mm	800mm	400mm	Yes	1694 x 694mm	359mm
MKS14084PER5	1400mm	800mm	400mm	No		
MKS20084R5	2000mm	800mm	400mm	Yes	1894 x 694mm	359mm
MKS18084PER5	1800mm	800mm	400mm	No		
MKS20064PER5	2000mm	600mm	400mm	No		
MKS14064PER5	1400mm	600mm	400mm	No		
MKS18064R5	1800mm	600mm	400mm	Yes	1694 x 494mm	359mm

Catalog Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size	Max Mounting Depth
MKS14084R5	1400mm	800mm	400mm	Yes	1294 x 694mm	359mm
MKS20064R5	2000mm	600mm	400mm	Yes	1894 x 494mm	359mm
MKS14063R5	1400mm	600mm	300mm	Yes	1294 x 494mm	259mm
MKS16084PER5	1600mm	800mm	400mm	No		
MKS20104R5	2000mm	1000mm	400mm	Yes	1894 x 894mm	359mm
MKS16083R5	1600mm	800mm	300mm	Yes	1494 x 694mm	259mm
MKS12064PER5	1200mm	600mm	400mm	No		
MKS12064R5	1200mm	600mm	400mm	Yes	1094 x 494mm	359mm

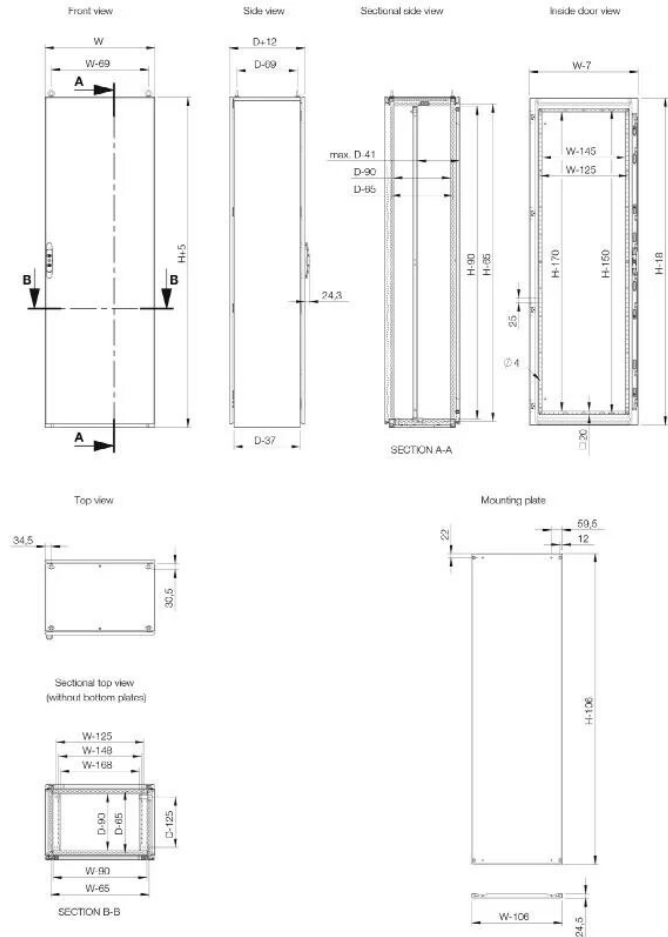
Table 3/3

Catalog Number	Height (H)	Width (W)	Depth (D)	Mounting Plate Included	Panel Size	Max Mounting Depth
MKS16084R5	1600mm	800mm	400mm	Yes	1494 x 694mm	359mm
MKS20105R5	2000mm	1000mm	500mm	Yes	1894 x 894mm	459mm
MKS20105PER5	2000mm	1000mm	500mm	No		
MKS16085PER5	1600mm	800mm	500mm	No		

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 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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