

Stainless Steel Single Door With Integrated Rain Hood Enclosure, AFS



The stainless steel single door wall mounted enclosure range, AFS, has an integrated sloping roof and IP 66 protection degree. The risk for component failure, and with that, unnecessary downtime is eliminated as water and dust are prevented from entering the enclosure thanks to the sloping roof and the high protection degree. The AFS range is ideal for industries such as food and beverage and pharmaceuticals, as well as almost all other environments, grade dependant.

INDUSTRY STANDARDS

CE, UK CA, UL, DNV

FEATURES

Body: Angled 8 to 20°, the sloped-top roof provides a 10 mm overhang to drain liquids and other debris away from the front door. Folded and seam welded. For ease of installation, each back corner of the enclosure is laser-marked to precisely indicate where to drill holes and affix AWS wall mounting brackets.

Additional information: In environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.

Protection: Corresponds with IP 66, TYPE 4X, 12, IK 10.

Mounting plate: On the top and bottom there are holes to facilitate cable fixing. Fixed onto M8 press welded studs to the rear of the enclosure. All sides, from 800 mm and above, are strengthened by folded edges.

Material: AISI 304L / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door: 1.5 mm / 2 mm for enclosures with a height of 1000 mm or greater. Mounting plate: 2.5 mm galvanized steel.

Lock: Zamak double-bit 3 mm lock, with 90° movement. Stainless steel lock and other locks available on request.

Finish: 400 pre-grained stainless steel.

Door: Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Can be mounted to give left or right hand opening (Machining is required). Sealing is ensured by an injected polyurethane gasket. For AISI 316L, sealing is ensured by an injected silicone gasket.

Delivery: Enclosure with door, mounting plate, metallic key and mounting accessories.

Cable access: No gland openings as standard.

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SPECIFICATIONS

Table 1/2

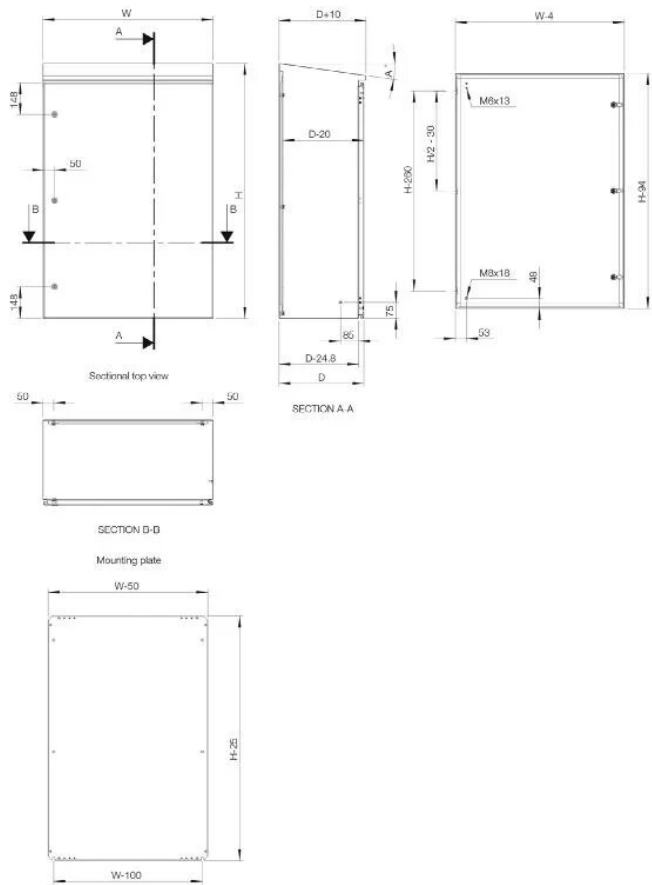
Catalog Number	Height (H)	Width (W)	Depth (D)	Material	Panel Size	Max Mounting Depth
AFS12063	1200mm	600mm	300mm	Stainless Steel 304	1150 x 550mm	280mm
AFS12083-316	1200mm	800mm	300mm	Stainless Steel 316L	1150 x 750mm	280mm
AFS12083	1200mm	800mm	300mm	Stainless Steel 304	1150 x 750mm	280mm
AFS12084	1200mm	800mm	400mm	Stainless Steel 304	1150 x 750mm	380mm
AFS12084-316	1200mm	800mm	400mm	Stainless Steel 316L	1150 x 750mm	380mm
AFS12063-316	1200mm	600mm	300mm	Stainless Steel 316L	1150 x 750mm	280mm
AFS04031	400mm	300mm	155mm	Stainless Steel 304	375 x 250mm	135mm
AFS03021-316	300mm	200mm	155mm	Stainless Steel 316L	275 x 150mm	135mm
AFS04031-316	400mm	300mm	155mm	Stainless Steel 316L	375 x 250mm	135mm
AFS03021	300mm	200mm	155mm	Stainless Steel 304	275 x 150mm	135mm
AFS14084-316	1400mm	800mm	400mm	Stainless Steel 316L	1350 x 750mm	380mm
AFS14084	1400mm	800mm	400mm	Stainless Steel 304	1350 x 750mm	380mm
AFS05052-316	500mm	500mm	210mm	Stainless Steel 316L	475 x 450mm	190mm
AFS04042	400mm	400mm	210mm	Stainless Steel 304	375 x 350mm	190mm
AFS08062	800mm	600mm	210mm	Stainless Steel 304	750 x 550mm	190mm
AFS05052	500mm	500mm	210mm	Stainless Steel 304	475 x 450mm	190mm
AFS06042	600mm	400mm	210mm	Stainless Steel 304	575 x 350mm	190mm
AFS04062-316	400mm	600mm	210mm	Stainless Steel 316L	375 x 550mm	190mm
AFS08062-316	800mm	600mm	210mm	Stainless Steel 316L	750 x 550mm	190mm
AFS06042-316	600mm	400mm	210mm	Stainless Steel 316L	575 x 350mm	190mm

Table 2/2

Catalog Number	Height (H)	Width (W)	Depth (D)	Material	Panel Size	Max Mounting Depth
AFS06062	600mm	600mm	210mm	Stainless Steel 304	575 x 550mm	190mm
AFS04042-316	400mm	400mm	210mm	Stainless Steel 316L	375 x 350mm	190mm
AFS04062	400mm	600mm	210mm	Stainless Steel 304	375 x 550mm	190mm
AFS06062-316	600mm	600mm	210mm	Stainless Steel 316L	575 x 550mm	190mm
AFS08082	800mm	800mm	210mm	Stainless Steel 304	750 x 750mm	190mm
AFS08082-316	800mm	800mm	210mm	Stainless Steel 316L	750 x 750mm	190mm
AFS08063	800mm	600mm	300mm	Stainless Steel 304	750 x 550mm	280mm
AFS06063	600mm	600mm	300mm	Stainless Steel 304	575 x 550mm	280mm
AFS08063-316	800mm	600mm	300mm	Stainless Steel 316L	750 x 550mm	280mm
AFS06063-316	600mm	600mm	300mm	Stainless Steel 316L	575 x 550mm	280mm
AFS06083	600mm	800mm	300mm	Stainless Steel 304	550 x 750mm	280mm
AFS10083	1000mm	800mm	300mm	Stainless Steel 304	950 x 750mm	280mm

Catalog Number	Height (H)	Width (W)	Depth (D)	Material	Panel Size	Max Mounting Depth
AFS08083-316	800mm	800mm	300mm	Stainless Steel 316L	750 x 750mm	280mm
AFS06083-316	600mm	800mm	300mm	Stainless Steel 316L	550 x 750mm	280mm
AFS08083	800mm	800mm	300mm	Stainless Steel 304	750 x 750mm	280mm
AFS10083-316	1000mm	800mm	300mm	Stainless Steel 316L	950 x 750mm	280mm

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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