Single Door Enclosure Stainless Steel, ASR

The stainless steel single door wall mounted enclosure range, ASR, with a IP 66 protection degree, is available off the shelf in many different sizes. The risk for component failure, and with that unnecessary downtime, is eliminated as water and dust are prevented from entering the enclosure. This enclosure range is well suited for industries such as food and beverage and pharmaceuticals, as well as almost all other environments, grade dependant.

INDUSTRY STANDARDS

UL 508A Listed; Type 4, 4X, 12; File No. E61997

cUL Listed per CSA C22.2 No.0, No.0.4, No.14, No.94; Type 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 4, 4X, 12

CSA, File No. 1442951: Type 4, 4X, 12

IEC 62208 IP66

CE, UK CA, UL, DNV

FEATURES

Material: AISI 304L / AISI 316L pre-grained stainless steel. Body: 1.5 mm. Door for AISI 304L: 1.5 mm / 2 mm. Door for AISI 316L: 2 mm. Mounting plate: 2 mm galvanized steel.

Body: 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.

Door: Corner formed in one piece. Surface mounted, with 130° opening. Concealed AISI 304 stainless steel hinges with captive pin. Can be mounted to allow left or right hand opening. Sealing is ensured by an injected polyurethane gasket or by an injected silicone gasket. Inner M6 welded studs, to mount optional door profiles MMDP.

Lock: nVent HOFFMAN customized zamak double-bit 3 mm lock, with 90° movement and anti-vibration mechanism. Two locks for 600 mm high to 800 mm high enclosures. Espagnolette three point locking or 3 locks for 1000 mm high enclosures and above. Stainless steel lock and other versions are available as accessories.

Mounting plate: The mounting plate is marked vertically at 10 mm intervals, for easy horizontal positioning of equipment. 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. By using the AMG accessory, the mounting plate position can be adjusted to any depth.

Cable access: No gland plate openings as standard, to maximise sealing and cleanliness.

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

Finish: 400 pre-grained stainless steel.

Delivery: Enclosure with door, mounting plate, plastic double-bit 3 mm key, and mounting accessories. Metallic key, for height 1000 mm and above.

Additional information: For outdoor environments, exposed to precipitation, the use of a rain hood is advised. Also in environments known for quick temperature changes, consideration to condensation should be taken. Please see the thermal management section.

Finish: Brushed
Body Thickness: 1.5mm

SPECIFICATIONS

Table 1/3

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Gasket Type	Material
ASR0182415	ASR0182415	180mm	240mm	150mm	Polyurethane	Stainless Steel 304
ASR0182415-316	ASR0182415-316	180mm	240mm	150mm	Silicone	Stainless Steel 316
ASR0242415	ASR0242415	240mm	240mm	150mm	Polyurethane	Stainless Steel 304
ASR0242415-316	ASR0242415-316	240mm	240mm	150mm	Silicone	Stainless Steel 316
ASR0243615	ASR0243615	240mm	360mm	150mm	Polyurethane	Stainless Steel 304
ASR0243615-316	ASR0243615-316	240mm	360mm	150mm	Silicone	Stainless Steel 316
ASR0302015	ASR0302015	300mm	200mm	150mm	Polyurethane	Stainless Steel 304
ASR0302015-316	ASR0302015-316	300mm	200mm	150mm	Silicone	Stainless Steel 316
ASR0362415	ASR0362415	360mm	240mm	150mm	Polyurethane	Stainless Steel 304
ASR0362415-316	ASR0362415-316	360mm	240mm	150mm	Silicone	Stainless Steel 316
ASR0403015	ASR0403015	400mm	300mm	150mm	Polyurethane	Stainless Steel 304
ASR0403015-316	ASR0403015-316	400mm	300mm	150mm	Silicone	Stainless Steel 316
ASR0403021	ASR0403021	400mm	300mm	210mm	Polyurethane	Stainless Steel 304
ASR0403021-316	ASR0403021-316	400mm	300mm	210mm	Silicone	Stainless Steel 316
ASR0404021	ASR0404021	400mm	400mm	210mm	Polyurethane	Stainless Steel 304
ASR0404021-316	ASR0404021-316	400mm	400mm	210mm	Silicone	Stainless Steel 316
ASR0406021	ASR0406021	400mm	600mm	210mm	Polyurethane	Stainless Steel 304
ASR0406021-316	ASR0406021-316	400mm	600mm	210mm	Silicone	Stainless Steel 316
ASR0504021	ASR0504021	500mm	400mm	210mm	Polyurethane	Stainless Steel 304
ASR0504021-316	ASR0504021-316	500mm	400mm	210mm	Silicone	Stainless Steel 316

Table 2/3

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Gasket Type	Material
ASR0505021	ASR0505021	500mm	500mm	210mm	Polyurethane	Stainless Steel 304
ASR0505021-316	ASR0505021-316	500mm	500mm	210mm	Silicone	Stainless Steel 316
ASR0604021	ASR0604021	600mm	400mm	210mm	Polyurethane	Stainless Steel 304
ASR0604021-316	ASR0604021-316	600mm	400mm	210mm	Silicone	Stainless Steel 316
ASR0606021	ASR0606021	600mm	600mm	210mm	Polyurethane	Stainless Steel 304
ASR0606021-316	ASR0606021-316	600mm	600mm	210mm	Silicone	Stainless Steel 316

Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Gasket Type	Material
ASR0606030	ASR0606030	600mm	600mm	300mm	Polyurethane	Stainless Steel 304
ASR0606030-316	ASR0606030-316	600mm	600mm	300mm	Silicone	Stainless Steel 316
ASR0608030	ASR0608030	600mm	800mm	300mm	Polyurethane	Stainless Steel 304
ASR0608030-316	ASR0608030-316	600mm	800mm	300mm	Silicone	Stainless Steel 316
ASR0806021	ASR0806021	800mm	600mm	210mm	Polyurethane	Stainless Steel 304
ASR0806021-316	ASR0806021-316	800mm	600mm	210mm	Silicone	Stainless Steel 316
ASR0806030	ASR0806030	800mm	600mm	300mm	Polyurethane	Stainless Steel 304
ASR0806030-316	ASR0806030-316	800mm	600mm	300mm	Silicone	Stainless Steel 316
ASR0808030	ASR0808030	800mm	800mm	300mm	Polyurethane	Stainless Steel 304
ASR0808030-316	ASR0808030-316	800mm	800mm	300mm	Silicone	Stainless Steel 316
ASR1008030	ASR1008030	1000mm	800mm	300mm	Polyurethane	Stainless Steel 304
ASR1008030-316	ASR1008030-316	1000mm	800mm	300mm	Silicone	Stainless Steel 316
ASR1208030	ASR1208030	1200mm	800mm	300mm	Polyurethane	Stainless Steel 304
ASR1208030-316	ASR1208030-316	1200mm	800mm	300mm	Silicone	Stainless Steel 316

Table 3/3

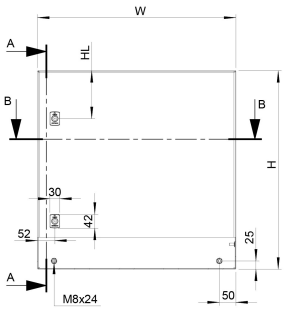
Catalog Number	Article Number	Height (H)	Width (W)	Depth (D)	Gasket Type	Material
ASR1208040	ASR1208040	1200mm	800mm	400mm	Polyurethane	Stainless Steel 304
ASR1208040-316	ASR1208040-316	1200mm	800mm	400mm	Silicone	Stainless Steel 316
ASR1408040	ASR1408040	1400mm	800mm	400mm	Polyurethane	Stainless Steel 304
ASR1408040-316	ASR1408040-316	1400mm	800mm	400mm	Silicone	Stainless Steel 316

ADDITIONAL PRODUCT DETAILS

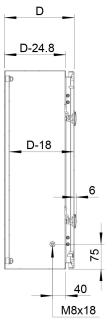
* 1000 mm high enclosures and above have espagnolette three point locking or 3 locks.

DIAGRAMS

Front view

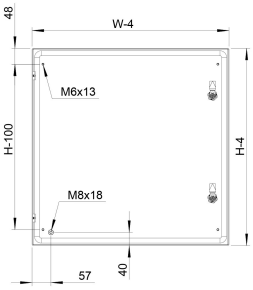


Sectional side view

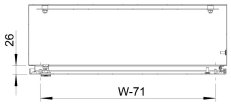


SECTION A-A

Inside door view

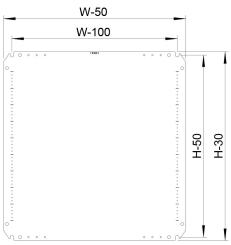


Sectional top view

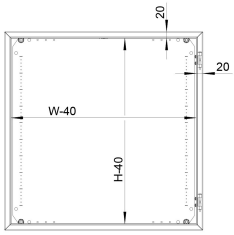


SECTION B-B

Mounting plate



Front view (no door)



Locks	H	HL
1	H<600	H/2
2	600≤H<800	145
	800≤H<1000	150
1*	H≥1000	H/2

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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