

# 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.

**Body Thickness:** 1.5mm  
**Finish:** Brushed

## SPECIFICATIONS

Table 1/3

| Catalog Number | Article Number | Height (H) | Width (W) | Depth (D) | Gasket Type  | Material            |
|----------------|----------------|------------|-----------|-----------|--------------|---------------------|
| ASR0808030-316 | ASR0808030-316 | 800mm      | 800mm     | 300mm     | Silicone     | Stainless Steel 316 |
| ASR0505021-316 | ASR0505021-316 | 500mm      | 500mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0403021-316 | ASR0403021-316 | 400mm      | 300mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0608030     | ASR0608030     | 600mm      | 800mm     | 300mm     | Polyurethane | Stainless Steel 304 |
| ASR0362415     | ASR0362415     | 360mm      | 240mm     | 150mm     | Polyurethane | Stainless Steel 304 |
| ASR0243615     | ASR0243615     | 240mm      | 360mm     | 150mm     | Polyurethane | Stainless Steel 304 |
| ASR1208030-316 | ASR1208030-316 | 1200mm     | 800mm     | 300mm     | Silicone     | Stainless Steel 316 |
| ASR0606030-316 | ASR0606030-316 | 600mm      | 600mm     | 300mm     | Silicone     | Stainless Steel 316 |
| ASR0604021     | ASR0604021     | 600mm      | 400mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR0403021     | ASR0403021     | 400mm      | 300mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR1208030     | ASR1208030     | 1200mm     | 800mm     | 300mm     | Polyurethane | Stainless Steel 304 |
| ASR0242415     | ASR0242415     | 240mm      | 240mm     | 150mm     | Polyurethane | Stainless Steel 304 |
| ASR0182415-316 | ASR0182415-316 | 180mm      | 240mm     | 150mm     | Silicone     | Stainless Steel 316 |
| ASR0604021-316 | ASR0604021-316 | 600mm      | 400mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0403015-316 | ASR0403015-316 | 400mm      | 300mm     | 150mm     | Silicone     | Stainless Steel 316 |
| ASR0362415-316 | ASR0362415-316 | 360mm      | 240mm     | 150mm     | Silicone     | Stainless Steel 316 |
| ASR0606030     | ASR0606030     | 600mm      | 600mm     | 300mm     | Polyurethane | Stainless Steel 304 |
| ASR1008030-316 | ASR1008030-316 | 1000mm     | 800mm     | 300mm     | Silicone     | Stainless Steel 316 |
| ASR0606021     | ASR0606021     | 600mm      | 600mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR1008030     | ASR1008030     | 1000mm     | 800mm     | 300mm     | Polyurethane | Stainless Steel 304 |

Table 2/3

| Catalog Number | Article Number | Height (H) | Width (W) | Depth (D) | Gasket Type  | Material            |
|----------------|----------------|------------|-----------|-----------|--------------|---------------------|
| ASR0606021-316 | ASR0606021-316 | 600mm      | 600mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0242415-316 | ASR0242415-316 | 240mm      | 240mm     | 150mm     | Silicone     | Stainless Steel 316 |
| ASR0403015     | ASR0403015     | 400mm      | 300mm     | 150mm     | Polyurethane | Stainless Steel 304 |
| ASR0806021-316 | ASR0806021-316 | 800mm      | 600mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0302015     | ASR0302015     | 300mm      | 200mm     | 150mm     | Polyurethane | Stainless Steel 304 |
| ASR1408040     | ASR1408040     | 1400mm     | 800mm     | 400mm     | Polyurethane | Stainless Steel 304 |

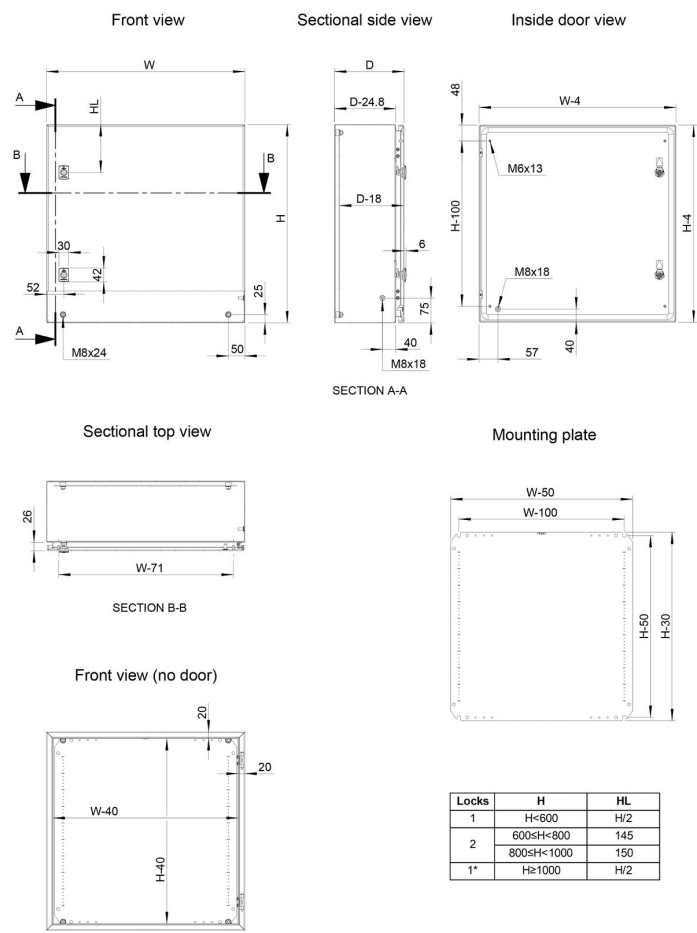
| Catalog Number | Article Number | Height (H) | Width (W) | Depth (D) | Gasket Type  | Material            |
|----------------|----------------|------------|-----------|-----------|--------------|---------------------|
| ASR0806021     | ASR0806021     | 800mm      | 600mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR0504021     | ASR0504021     | 500mm      | 400mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR0243615-316 | ASR0243615-316 | 240mm      | 360mm     | 150mm     | Silicone     | Stainless Steel 316 |
| ASR0404021-316 | ASR0404021-316 | 400mm      | 400mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0182415     | ASR0182415     | 180mm      | 240mm     | 150mm     | Polyurethane | Stainless Steel 304 |
| ASR0808030     | ASR0808030     | 800mm      | 800mm     | 300mm     | Polyurethane | Stainless Steel 304 |
| ASR0806030     | ASR0806030     | 800mm      | 600mm     | 300mm     | Polyurethane | Stainless Steel 304 |
| ASR0504021-316 | ASR0504021-316 | 500mm      | 400mm     | 210mm     | Silicone     | Stainless Steel 316 |
| ASR0806030-316 | ASR0806030-316 | 800mm      | 600mm     | 300mm     | Silicone     | Stainless Steel 316 |
| ASR1208040-316 | ASR1208040-316 | 1200mm     | 800mm     | 400mm     | Silicone     | Stainless Steel 316 |
| ASR0406021     | ASR0406021     | 400mm      | 600mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR0302015-316 | ASR0302015-316 | 300mm      | 200mm     | 150mm     | Silicone     | Stainless Steel 316 |
| ASR0404021     | ASR0404021     | 400mm      | 400mm     | 210mm     | Polyurethane | Stainless Steel 304 |
| ASR0505021     | ASR0505021     | 500mm      | 500mm     | 210mm     | Polyurethane | Stainless Steel 304 |

Table 3/3

| Catalog Number | Article Number | Height (H) | Width (W) | Depth (D) | Gasket Type  | Material            |
|----------------|----------------|------------|-----------|-----------|--------------|---------------------|
| ASR0608030-316 | ASR0608030-316 | 600mm      | 800mm     | 300mm     | Silicone     | Stainless Steel 316 |
| ASR1208040     | ASR1208040     | 1200mm     | 800mm     | 400mm     | Polyurethane | Stainless Steel 304 |
| ASR0406021-316 | ASR0406021-316 | 400mm      | 600mm     | 210mm     | Silicone     | Stainless Steel 316 |
| 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.



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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