

nVent HOFFMAN stainless steel wall mount enclosures

Tough enclosures to protect valuable equipment in arduous environments



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nVent HOFFMAN stainless steel wall mount



nVent HOFFMAN stainless steel wall mount ASR/ADR enclosures are ideally suited for all arduous applications.

Robust design

- High impact resistance rating of IK10 - the highest possible
- IP66 ingress protection (single door) and IP55 (double door)
- High resistance to vandalism
- Folded and seam welded body
- Stainless steel concealed hinges with captive pin
- Marine grade 316L stainless steel for maximum corrosion resistance

Innovative features

- Designed to comply with high cleanliness requirements
- Optional depth-adjustment kit for mounting flexibility
- No pre-drilled mounting holes or gland plates, so bacteria cannot accumulate
- Easy to clean by hosing down in food and beverage applications
- White silicone gasket is UV and chemical resistant with almost zero water absorption
- Customer can drill openings as required for optimum flexibility
- Mounting plate supplied marked at 10mm increments for easy component layout
- Multiple earthing studs to simplify wiring and save time

Ordering information - enclosures

Enclosure dimensions (mm)			Weight (kg)	Mounting plate height (mm)	Mounting plate width (mm)	Max usable depth (mm)	Number of door locks	Catalogue No.
H	W	D						
300	200	150	3.6	270	150	132	1	ASR0302015316
360	240	150	4.75	330	190	132	1	ASR0362415316
400	300	150	6.2	370	250	132	1	ASR0403015316
400	300	210	6.65	370	250	192	1	ASR0403021316
400	400	210	8.75	370	350	192	1	ASR0404021316
400	600	210	14.9	370	550	192	1	ASR0406021316
500	400	210	12.75	470	350	192	1	ASR0504021316
600	400	210	15.4	570	350	192	2	ASR0604021316
600	600	210	21.35	570	550	192	2	ASR0606021316
600	600	300	23.65	570	550	282	2	ASR0606030316
600	800	300	29.75	570	750	282	2	ASR0608030316
800	600	210	27.1	770	550	192	2	ASR0806021316
800	600	300	29.15	770	550	282	2	ASR0806030316
800	800	300	37.5	770	750	282	2	ASR0808030316
1000	800	300	49	970	750	282	1 (3pt E)*	ASR1008030316
1200	800	300	57.5	1170	750	282	1 (3pt E)*	ASR1208030316
1200	800	400	61	1170	750	382	1 (3pt E)*	ASR1208040316
1400	800	400	73	1370	750	382	3 (5pt)*	ASR1408040316
1200	1200	400	89.7	1170	1150	382	1 (3pt E)*	ADR1201240316

Note: *Enclosures 1000mm or higher have a 3-point Espagnolette locking system.

Optimise performance with SMART Motor Control

NHP

When it comes to your food and beverage requirements, elevate your operations and connectivity with SMART Motor Control solutions from NHP.

Access to production and machine data helps you to make informed decisions that improve production, mitigate downtime, increase productivity and boost profitability, offering substantial benefits over conventional approaches.

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Ordering information – accessories for ASR / ADR enclosures

Wall mount brackets	Inner doors	Glazed doors	Modular chassis	Mounting profiles	Depth adjustment	Document holder	Catalogue no.
AWS41316	–	–	–	–	AMTExxxx	–	ASR0302015316
AWS41316	–	ADCS03624316	–	–	AMTExxxx	DRA4	ASR0362415316
AWS41316	ADI04030R5 ADIS04030	ADCS04030316	AC04030R5	MMDP040	AMTExxxx	DRB0303R5, DRA4	ASR0403015316
AWS41316	ADI04030R5 ADIS04030	ADCS04030316	AC04030R5	MMDP040, DIP210, CLPK400, CLPF300, CLPF400	AMTExxxx, AMG210	DRB0303R5, DRA4	ASR0403021316
AWS41316	ADI04040R5	ADCS04040316	–	MMDP040, DIP210, CLPK400, CLPF400	AMTExxxx, AMG210	DRB0303R5, DRA4	ASR0404021316
AWS41316	–	ADCS04060316	–	MMDP040, DIP210, CLPK400, CLPF400,w CLPF600	AMTExxxx, AMG210	DRB600R5 DRB0303R5, DRA4	ASR0406021316
AWS41316	ADI05040R5	ADCS05040316	AC05040R5	MMDP050, DIP210, CLPK400, CLPK500, CLPF400, CLPF500	AMTExxxx, AMG210	DRB0303R5, DRA4	ASR0504021316
AWS41316	ADI06040R5	ADCS06040316	AC06040R5	MMDP060, DIP210, CLPK400, CLPK600, CLPF400, CLPF600	AMTExxxx, AMG210	DRB0303R5, DRA4	ASR0604021316
AWS41316	ADI06060R5 ADIS06060	ADCS06060316	AC06060R5	MMDP060, DIP210, CLPK600, CLPF600	AMTExxxx, AMG210	DRB600R5, DRB0303R5, DRA4	ASR0606021316
AWS41316	–	ADCS06060316	AC06060R5	MMDP060, DIP300, CLPK600, CLPF600	AMTExxxx, AMG300	DRB600R5 DRB0303R5, DRA4	ASR0606030316
AWS41316	–	ADCS06080316	–	MMDP060, DIP300, CLPK600, CLPK800, CLPF600, CLPF800	AMTExxxx, AMG300	DRB800R5 DRB0303R5, DRA4	ASR0608030316
AWS41316	ADI08060R5	ADCS08060316	AC08060R5	MMDP080, DIP210, CLPK600, CLPK800, CLPF600, CLPF800	AMTExxxx, AMG210	DRB600R5, DRB0303R5, DRA4	ASR0806021316
AWS41316	ADI08060R5	ADCS08060316	AC08060R5	MMDP080, DIP300, CLPK800, CLPF600, CLPF800	AMTExxxx, AMG300	DRB600R5 DRB0303R5, DRA4	ASR0806030316
AWS41316	ADI08080R5	ADCS08080316	–	MMDP080, DIP300, CLPK800, CLPF800	AMTExxxx, AMG300	DRB800R5 DRB0303R5, DRA4	ASR0808030316
AWS41316	ADI10080R5	ADCS10080316	–	MMDP100, DIP300, CLPK800, CLPF800, CLPF1000	AMTExxxx, AMG300	DRB800R5, DRB0303R5, DRA4	ASR1008030316
AWS41316	ADI12080R5	ADCS12080316	–	MMDP120, DIP300, CLPK800, CLPF800, CLPF1200	AMTExxxx, AMG300	DRB800R5 DRB0303R5, DRA4	ASR1208030316
AWS41316	ADI12080R5	ADCS12080316	–	MMDP120, DIP400, CLPK800, CLPF800, CLPF1200	AMTExxxx, AMG400	DRB800R5, DRB0303R5, DRA4	ASR1208040316
AWS41316	–	ADCS14080316	–	MMDP140, DIP400, CLPK800, CLPF800, CLPF1400	AMTExxxx, AMG400	DRB800R5, DRB0303R5, DRA4	ASR1408040316
AWS41316	–	–	–	MMDP120, DIP400, CLPF1200	AMTExxxx	DRA4	DR1201240316

Note: All accessories must be ordered separately. Contact NHP for details.

Ordering information – accessories for ASR / ADR enclosures

Door switch	Enclosure lights	Rain hoods	Filter fans / filter grilles / fan covers	Pressure compensation / drainage devices	Catalogue no.
–	–	–	GSV10002xx / GSF10	28402001, DD084	ASR0302015316
–	–	–	GSV10002xx / GSF10	28402001, DD084	ASR0362415316
ADSW01	LED0254xxxx, LTSL5S	ASST031316	GSV10002xx / GSF10	28402001, DD084	ASR0403015316
ADSW01	LED0254xxxx, LTSL5S	ASST042316	GSVxx / GSFxx / EFCsxxxx	28402001, DD084	ASR0403021316
ADSW01	LED0254xxxx, LTSL5S	ASST042316	GSVxx / GSFxx / EFCsxxxx	28402001, DD084	ASR0404021316
ADSW01	LED0254xxxx, LTSL5S	ASST062316	GSVxx / GSFxx / EFCsxxxx	28402001, DD084	ASR0406021316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST042316	GSVxx / GSFxx / EFCsxxxx	28402001, DD084	ASR0504021316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST042316	GSVxx / GSFxx / EFCsxxxx	28402001, DD084	ASR0604021316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST062316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR0606021316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST063316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR0606030316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST083316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR0608030316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST062316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR0806021316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST063316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR0806030316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST083316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR0808030316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST083316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR1008030316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST083316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR1208030316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST084316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR1208040316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST084316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ASR1408040316
ADSW01	LED0254xxxx, LTSL5S, TLCL87035	ASST124316	GSVxx / GSFxx / EFCsxxxx	DA28455, DD084	ADR1201240316

Note: All accessories must be ordered separately. Contact NHP for details.

Ordering information – lock options for ASR/ADR range

Enclosures	Locks	Catalogue no.
All ASR/ADR units	Flush triangular 8mm (insert)	ALIS524
	Flush 1333 key	8004A
	Wing knob 1333 key	8006A
	Flush stainless steel DIN 3mm	ALLS316
	Lock 316 stainless steel padlockable swing handle	SHPAD316A
ASR	Standard ASR replacement lock	ALLS503

Note: Additional locking options available as special order items. Contact NHP for details.

Accessories for nVent HOFFMAN stainless steel ASR wall mount enclosures

There are many accessories available for nVent HOFFMAN floor standing enclosures enclosures, which are discussed in detail below.


Due to the large volume of accessories, they have been grouped into the following categories:

- **Mounting:** this includes wall fixing brackets and combining kits
- **Internal:** this includes inner doors, hinges, door stops, glazed doors, mounting profiles and document holders
- **19" rack mounting:** covers the range of 19" rack mount options, including brackets and profiles
- **Lighting:** covers enclosure LED lighting options
- **Climate control:** this includes rain hoods, filter fans and grilles, fan hoods and pressure compensation devices


Mounting and baying accessories

This section includes wall fixing brackets and combining kits.

Wall fixing brackets for mild steel enclosures – AWS41316

	Description	The AWS41316 wall mounting/fixing brackets allow the enclosure to be secured to a vertical surface such as a wall or mounting frame.
	Ordering information	AWS41316 – wall fixing brackets, supplied as a pack of four with mounting accessories
	Material	3mm 316 stainless steel


Combining kit for wall mount enclosures – CK01

	Description	CK01 combining kits allow quick baying of two or more nVent HOFFMAN ASR enclosures together, side-by-side, into a single enclosure assembly. This combining kit is provided in a puzzle format to suit various enclosure sizes and will maintain the IP rating of the enclosure (up to IP66).
	Ordering information	CK01 – wall mounted combining kit, supplied with mounting accessories
	Material	EPDM rubber, 10mm thick


Internal accessories

This section includes all internal mounting accessories such as inner doors, mounting profiles, separation plates and brackets EXCEPT 19" rack equipment (separate section).

Inner doors for wall mount enclosures – ADIxxxxR5, ADISxxxx

	Description	<p>ADI inner doors provide a hinged mounting surface for equipment such as displays, indicators or switches behind a standard or glazed front door, while covering other components and preventing unauthorised access. A usable mounting space of 35 mm is available between the doors when the inner door is in the most forward position. Can be adjusted in depth with the AMG Depth Adjustment Kit. The inner door is equipped with one (H<700mm) or two (H700mm and higher ADI, H800mm and higher ADIS) double-bit 3 mm locks. ADI/ADIS inner doors are compatible with both mild steel and stainless steel enclosures and provide an IP2X protection rating. Supplied with two vertical profiles, top and bottom profiles and mounting accessories.</p> <p>Note: machining is re to install the inner door.</p>
	Ordering information – mild steel powder coated inner doors	<p>ADI04030R5 – inner door, H400 x W300mm ADI04040R5 – inner door, H400 x W400mm ADI04050R5 – inner door, H400 x W500mm ADI05040R5 – inner door, H500 x W400mm ADI06040R5 – inner door, H600 x W400mm ADI06050R5 – inner door, H600 x W500mm ADI06060R5 – inner door, H600 x W600mm ADI07050R5 – inner door, H700 x W500mm ADI08060R5 – inner door, H800 x W600mm ADI08080R5 – inner door, H800 x W800mm ADI10060R5 – inner door, H1000 x W600mm ADI10080R5 – inner door, H1000 x W800mm ADI 12060R5 – inner door, H1200 x W600mm ADI12080R5 – inner door, H1200 x W800mm</p>
	Ordering information – stainless steel inner doors	<p>ADIS04030 – inner door, H400 x W300mm ADIS06060 – inner door, H400 x W600mm</p>
	Material	<p>ADI: mild steel 1.5mm, 2mm top and bottom profiles, RAL 7035 structured powder coating ADIS: AISI 304 stainless steel 1.5mm door, 2mm top and bottom profiles 400 pre-grained finish</p>

Door stop – ADO202

	Description	<p>ADO door stop can be easily mounted on site and prevents the door from closing unexpectedly, thus increasing operator safety. Available in both zinc plated and stainless steel variants, the ADO is supplied with mounting accessories</p> <p>Note: ADO doors stops cannot be used on enclosures with a width of less than 300mm.</p>
	Ordering information	<p>ADO202 – door stop in zinc plated steel, supplied with mounting accessories ADO202S – door stop in stainless steel, supplied with mounting accessories</p>
	Material	<p>ADO202 - 3mm zinc plated steel ADO202S – 2.5mm AISI 316L stainless steel</p>

180 degree hinge kit – MMHSxx



Description	MMHS adjustable 180° hinge kit makes it possible to open the doors 180°. The MMHS02 is suitable for enclosures up to H800mm and the MMHS03 is suitable for larger enclosures. Machining is not required to install the MMHS02.
Ordering information	MMHS02 – 180 degree hinge kit for enclosures up to H800mm, supplied as a set of 2 with mounting accessories MMHS03 – 180 degree hinge kit for enclosures >H800mm, supplied as a set of 3 with mounting accessories
Material	Stainless steel 316

Glazed doors for wall mount enclosures – ADCSxxxx




Description	ADCS glazed doors allow visual inspection of the components mounted inside the enclosure, without the need to open the enclosure. Glazed doors are ideal if ADI inner doors are installed and used to mount indicator lights or display units. Note: glazed doors reduce the ingress protection rating to IP55 and the impact protection rating to IK07.
Ordering information	ADCS03624316 – glazed door, H360 x W240mm ADCS04030316 – glazed door, H400 x W300mm ADCS04040316 – glazed door, H400 x W400mm ADCS04060316 – glazed door, H400 x W600mm ADCS05040316 – glazed door, H500 x W400mm ADCS05050316 – glazed door, H500 x W500mm ADCS06040316 – glazed door, H600 x W400mm ADCS06060316 – glazed door, H600 x W600mm ADCS06080316 – glazed door, H600 x W800mm ADCS08060316 – glazed door, H800 x W600mm ADCS08080316 – glazed door, H800 x W800mm ADCS10080316 – glazed door, H1000 x W800mm ADCS12080316 – glazed door, H1200 x W800mm ADCS14080316 – glazed door, H1400 x W800mm Note: Other sizes are available on request – however a longer lead-time and minimum order quantity may apply – please contact NHP with your query.
Material	1.5mm 316L stainless with 400 pre-grained finish

Modular chassis – ACxxxx




Description	AC modular chassis allow DIN rail components to be mounted quickly and easily. Maximum component height is 68mm and row spacing is 125mm. If required, the standard door can be replaced with a glazed door. The usable depth between the front cover and external door is 35mm. Supplied as kit with slotted front panel, two vertical profiles, top and bottom blank panels, one DIN-rail per row and mounting accessories. Machining is required to install the AC modular chassis.
Ordering information	AC04030R5 – modular chassis, 400 x 300mm AC05040R5 – modular chassis, 500 x 400mm AC06040R5 – modular chassis, 600 x 400mm AC06060R5 – modular chassis, 600 x 600mm AC07050R5 – modular chassis, 700 x 500mm AC08060R5 – modular chassis, 800 x 600mm
Material	DIN rails made of 1.2mm galvanised steel, vertical profiles and strong cover made of 1.5mm mild steel, RAL 7035 structured powder coat finish

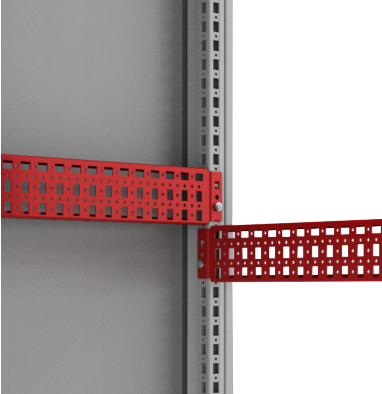
Door mounting profiles – MMDPxxxx

	Description	MMDP mounting profiles provide additional stiffness to the enclosure door and allow electrical components and other accessories to be mounted easily on the door. MMDP are supplied as a pair with mounting accessories
	Ordering information	<p>MMDP040 – door mounting profiles, H400mm, set of 2</p> <p>MMDP050 – door mounting profiles, H500mm, set of 2</p> <p>MMDP060 – door mounting profiles, H600mm, set of 2</p> <p>MMDP070 – door mounting profiles, H700mm, set of 2</p> <p>MMDP080 – door mounting profiles, H800mm, set of 2</p> <p>MMDP100 – door mounting profiles, H1000mm, set of 2</p> <p>MMDP120 – door mounting profiles, H1200mm, set of 2</p> <p>MMDP140 – door mounting profiles, H1400mm, set of 2</p>
	Material	1.2mm galvanised steel

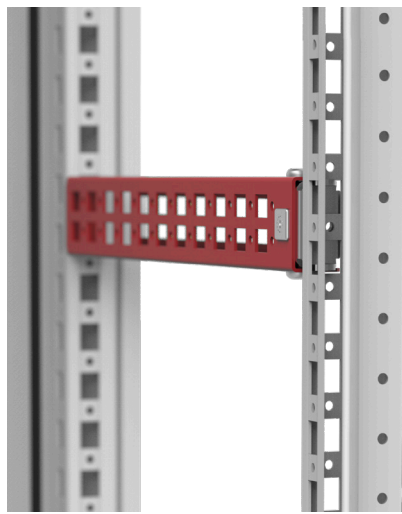
Depth interior profiles – DIPxxx

	Description	<p>The DIP depth interior profile system is a 40mm wide and 25mm high mounting profile can be mounted on the enclosure depth. It can also be used in conjunction with CLPF profiles, providing flexibility for the mounting of accessories, components, and other equipment such as enclosure lights. Two rows of hole patterns for cage nut fixing and self-tapping screws are provided. Supplied as a set of 4 with mounting accessories.</p> <p>Note: DIP depth interior profiles cannot be used in conjunction with the AMG depth adjustment kit</p>
	Ordering information	<p>DIP210 – depth interior profile 210mm, 150N max loading, set of 4</p> <p>DIP260 – depth interior profile 260mm, 150N max loading, set of 4</p> <p>DIP300 – depth interior profile 300mm, 150N max loading, set of 4</p> <p>DIP400 – depth interior profile 400mm, 150N max loading, set of 4</p>
	Material	Zinc plated steel

Click-in mounting profiles – CLPKxxx

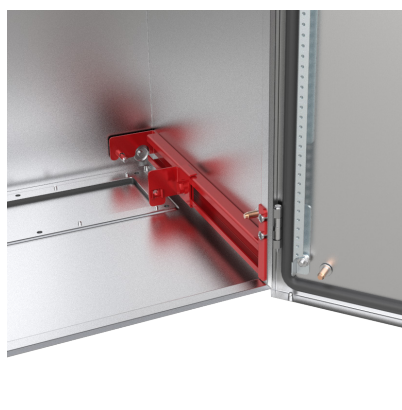
	Description:	<p>CLPK click-in mounting profiles allow additional accessories and equipment to be easily mounted where needed. This 75mm wide profile has three sets of holes, one of which is turned 90°, allowing the CLPK to be mounted in both horizontal and vertical directions. Supplied as a set of 4 with mounting accessories.</p> <p>Note: CLPK profiles require DIP profiles to be installed first and are not suited to smaller ASR sizes. Observe max loading of the DIP</p>
	Ordering information	<p>CLPK400 – click-in profile W/D 400mm, set of 4</p> <p>CLPK500 – click-in profile W/D 500mm, set of 4</p> <p>CLPK600 – click-in profile W/D 600mm, set of 4</p> <p>CLPK800 – click-in profile W/D 800mm, set of 4</p>
	Material	1.5mm zinc plated steel

Mounting profiles – Snapline CLPFxxx



Description	<p>The CLPF profile system is a 40mm wide and 25mm high mounting profile can be mounted in all directions when used together with the DIP accessory, providing full flexibility for the mounting of accessories, components, and other equipment. Two rows of hole patterns for cage nut fixing and self-tapping screws are provided. The CLPF is a Snapline accessory and can be quickly and easily installed without any tools. All CLPF profiles are supplied as a set of 4.</p> <p>CLPK profiles require DIP profiles to be installed first, observe DIP max loading</p>
Ordering information	<p>CLPF300 – Snapline mounting profile W/D 300mm, set of 4 CLPF400 – Snapline mounting profile W/D 400mm, set of 4 CLPF500 – Snapline mounting profile W/D 500mm, set of 4 CLPF600 – Snapline mounting profile W/D 600mm, set of 4 CLPF800 – Snapline mounting profile W/D 800mm, set of 4 CLPF1000 – Snapline mounting profile W/D 1000mm, set of 4 CLPF1200 – Snapline mounting profile W/D 1200mm, set of 4</p>
Material	Zinc plated steel

Depth adjustment kit – AMGxxx



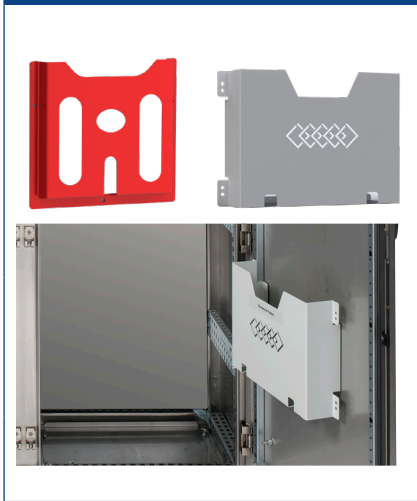
Description	<p>AMG depth adjustment kits allow the mounting plate, 19" profiles or an inner door, to be mounted at various depths within the enclosure from 35 to 65mm from the door. AMG is supplied as two pairs with mounting accessories. Machining is required.</p> <p>Note: the AMG depth adjustment kit cannot be used in conjunction with DIP depth interior profiles</p>
Ordering information	<p>AMG210 – depth adjustment kit D210mm AMG260 – depth adjustment kit D260mm AMG300 – depth adjustment kit D300mm AMG400 – depth adjustment kit D400mm</p>
Material	2mm galvanised steel

Depth adjustment bolts – AMTExxx




Description	<p>AMTE depth adjustment (spacer) bolts are an economical solution to mount the mounting plate to be mounted at various depths within the enclosure, adjustment steps from 10mm to 100mm. The spacer bolts are supplied in packs of 20 or 50, depending on size.</p>
Ordering information	<p>AMTE8010 – spacer bolts M8, 10mm, qty 50 AMTE8020 – spacer bolts M8, 20mm, qty 50 AMTE8030 – spacer bolts M8, 30mm, qty 50 AMTE8040 – spacer bolts M8, 40mm, qty 20 AMTE8050 – spacer bolts M8, 50mm, qty 20 AMTE8055 – spacer bolts M8, 55mm, qty 20 AMTE8100 – spacer bolts M8, 100mm, qty 20</p>
Material	Zinc plated steel

Document holders DRA4 – DRBxxxR5

	<p>Description</p> <p>Ordering information</p> <p>Material</p>	<p>Document holders can be mounted in the enclosure to ensure that the required documents are readily available.</p> <p>The DRA4 document pocket, with a usable depth of 30mm suits documents up to A4 in size and is made from polymer and attaches easily with double sided tape.</p> <p>The DRBxxxR5 range of document pockets, with a usable depth of 68mm, is designed for mounting to the enclosure door frame is made from powder coated mild steel and is available in several sizes to suit various width enclosure doors</p> <p>DRA4 – self-adhesive document pocket A4 DRB03030R5 – universal document pocket 300mm wide DRB600R5 – document pocket for W600mm doors DRB800R5 – document pocket for W800mm doors</p> <p>DRA4: thermoplastic, RAL 7035 DRBxxxR5: 2mm zinc plated steel with RAL 7035 structured powder coating</p>
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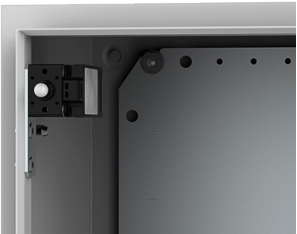
19" rack mounting accessories

19" brackets and profiles – AVPxxx

	<p>Description</p> <p>Ordering information</p> <p>Material</p>	<p>AVP profiles allow 19" equipment to be mounted in the enclosure. AVP are available in several heights to suit 600mm wide enclosures. Mounting location can be adjusted using the AMG depth adjustment kit. Supplied as a pair with mounting accessories.</p> <p>Note: AVP 19" profiles can only be used in W600mm enclosures</p> <p>AVP0600 – 19" profile fixing brackets, H600mm, set of 2 AVP0800 – 19" profile fixing brackets, H800mm, set of 2 AVP1000 – 19" profile fixing brackets, H1000mm, set of 2 AVP1200 – 19" profile fixing brackets, H1200mm, set of 2</p> <p>2mm galvanised steel</p>
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Enclosure lighting


This section provides a high-level overview of the enclosure lighting options available.


Door switch – ADSW01		
	Description	ADSW01 door switches allows lights or other electrical devices to turn on or off automatically when the enclosure door is opened. They include a NO (normally open) and one NC (normally closed), volt-free contact and are designed to be mounted directly to the enclosure frame. The mounting locations ensure that the switch is always positioned for correct operation once installed Note: Machining is required to install the ADSW01
	Ordering information	ADSW01 – Door switch 3A / 240V, supplied with mounting accessories
	Material	Polymer body

Enclosure lights – LED0254xxxx, TL87035		
	Description	LED 025 enclosure lights, manufactured by Stego, are suitable for all enclosures. They are available in 100-240V AC and 24-48V DC versions in both screw mount and magnet mount, with door switch and built-in motion sensor operation. With 400 lumens, 120° illumination angle and daylight white (6000K) colour, they provide good illumination inside the enclosure. Please contact NHP for additional information and other options.
	Ordering information	LED02540001 – LED 025 lamp 5W/400Lm 100-240V AC, screw mount, for door switch, supplied with connector LED02540101 – LED 025 lamp 5W 24-48V DC, screw mount, for door switch, supplied with connector
	Material	Transparent plastic housing
	Description:	The TLCL87035 is a compact design 7.2W LED light suitable for mounting on 19" rack profiles. Available in both 220-240V AC and 24V DC versions, the TLCL87035 provides 945Lm of illumination and a service life of 50,000 hours.
	Ordering information	TLCL87035 – compact LED light 7.2W/945Lm 220-240V AC, screw mount for door switch TLCL8703524 – compact LED light 7.2W/945Lm 24V DC, screw mount for door switch
	Material	PC-ABS housing




Climate control

This section provides a high-level overview of the climate control options available. Please refer to the Climate Control Selection Guide or contact NHP for more details.

Rain hoods for wall mount enclosures – ASSTxxxx		
	Description	<p>ASST rain hoods feature a sloped roof and prevent water dripping into the enclosure when the door is opened. Manufactured from AISI 316L grade stainless steel, ASST rain hoods are supplied with mounting accessories. Rain hoods are recommended where the enclosure location is exposed to inclement weather. They feature a smooth 400 finish to further improve resistance to tea staining and surface corrosion. Fitting the rain hood will increase enclosure dimensions by H60mm, W20mm and D20mm.</p> <p>Note: ASST rain hoods are not compatible with the 180° MMHS hinges</p>
	Ordering information	<p>ASST031316 – rain hood, 316L stainless steel, W300 x D150mm ASST032316 – rain hood, 316L stainless steel, W300 x D210mm ASST042316 – rain hood, 316L stainless steel, W400 x D210mm ASST062316 – rain hood, 316L stainless steel, W600 x D210mm ASST063316 – rain hood, 316L stainless steel, W600 x D300mm ASST083316 – rain hood, 316L stainless steel, W800 x D300mm ASST084316 – rain hood, 316L stainless steel, W800 x D400mm ASST124316 – rain hood, 316L stainless steel, W1200 x D400mm</p>
	Material	1.5mm AISI 316L grade 400 pre-grained stainless steel

Fan covers – EFCSxxxx		
	Description:	<p>EFCS fan covers feature a sloped roof and prevent rain and water in hose-down applications hitting the filter fan or filter grille. Supplied with mounting accessories. Made from 316L grade stainless steel, they are compatible with both mild and stainless steel enclosures and should always be used where the enclosure is likely to be exposed to rain or hose down cleaning. The EFCS is available in three sizes to suit different sizes of the GSV filter fans and GSF filter grilles</p> <p>Note: EFCS is not suitable for the ASR0302015316 due to depth</p>
	Ordering information	<p>EFCS20316 – fan cover H275 x W175 x D100mm, suits GSV1000, GSF10 sizes EFCS2530316 – fan cover H375 x W275 x D100mm, suits GSV1500, GSF2000, GSV2500, GSF15, GSF20 and GSF25 sizes</p>
	Material	1.5mm 316L grade stainless steel


Filter fans GSVxxxx and filter grilles GSFxx

	<p>Description</p>	<p>Kryos³ GSV filter fans and GSF filter grilles, manufactured by Cosmotec, are easy to install with clip-on mounting. GSV filter fans have efficient filter mats, screwless terminals, long life ball bearing fans and have a reversible fan motor for air in or air out. Available in a range of sizes and air flows, they are suitable for all floor standing enclosures and have IP54 protection. They can be used both indoors and outdoors, however a suitable EFCS fan cover should be installed in locations where there is inclement weather, or where hose-down cleaning may occur. Replacement filter mats are available.</p> <p>For more information on the GSV/GSF range please refer to the Climate Control Selection Guide and Price List Catalogue.</p>
	<p>Ordering information – filter fans</p>	<p>GSV1000211 – filter fan H119 x W119 x D58mm 24V DC 35m3/hr GSV1000220 – filter fan H119 x W119 x D58mm 230V AC 35m3/hr GSV1500211 – filter fan H152 x W152 x D75mm 24V DC 67m3/hr GSV1500220 – filter fan H152 x W152 x D75mm 230V AC 67m3/hr GSV2000211 – filter fan H204 x W204 x D98mm 24V DC 108m3/hr GSV2000220 – filter fan H204 x W204 x D98mm 230V AC 108m3/hr GSV2500211 – filter fan H250 x W250 x D118mm 24V DC 190m3/hr GSV2500220 – filter fan H250 x W250 x D118mm 230V AC 190m3/hr GSV2501220 – filter fan H250 x W250 x D99mm 230V AC 270m3/hr</p>
	<p>Ordering information – filter grilles</p>	<p>GSF10 – filter grille H119 x W119 x D29mm GSF15 – filter grille H152 x W152 x D33mm GSF20 – filter grille H204 x W204 x D34mm GSF25 – filter grille H250 x W250 x D48mm</p>
	<p>Ordering information – replacement filter mats</p>	<p>AVAFAGS10 – replacement filter mat IP54 suits GSV1000, GSF10, pack of 10 AVAFAGS15 – replacement filter mat IP54 suits GSV1500, GSF15, pack of 10 AVAFAGS20 – replacement filter mat IP54 suits GSV2000, GSF20, pack of 10 AVAFAGS25 – replacement filter mat IP54 suits GSV2500, GSF25, pack of 10</p>
	<p>Material</p>	<p>Filter fan and filter grille body: ABS Filter mat: synthetic fibre</p>

Pressure compensation devices – DA284xx, 28402001

 <p>DA284xx</p> <p>28402001</p>	<p>Description</p>	<p>DA284 pressure compensation devices, manufactured by Stego, are easy to install and provide effective pressure equalisation between the inside and outside of the enclosure. The one-way membrane allows moisture to escape while preventing the ingress of liquid water or dirt and debris. AS3000:2018 clause 1.7.2 states that “a breathing/pressure equalization valve shall be installed to assist with changes in humidity and drainage of moisture”. Therefore, to comply with the new AS3000:2018 standards, pressure compensation devices must be fitted to all enclosures where condensation is likely to occur - in practice, all enclosures installed outside.</p> <p>Pressure compensation devices should always be installed in pairs on opposite sides of the enclosure. The Stego DA284 is available in stainless steel and have an ingress protection rating of IP66 according to EN 60259 and IP69K according to EN 400050-9.</p>
<p>Ordering information – pressure compensation devices</p>		<p>28402001 – pressure compensation device, AISI 303 grade stainless steel, M12 IP66/X9K (QTY 1) DA28455 – pressure compensation device, AISI 303 grade stainless steel, M40 IP66/X9K (QTY 1) DA28455S – pressure compensation device, AISI 316L grade stainless steel, M40 IP66/X9K (QTY 1) DA28404000 – pressure compensation device, nickel-plated aluminium, M12 IP67 (QTY 1)</p>
<p>Material</p>		<p>303 or 316L grade stainless steel, model dependent DA28404000 – nickel-plated aluminium</p>

Drainage device – DD084

	<p>Description</p>	<p>DD084 drainage devices, manufactured by Stego, are easy to install effective drainage of any condensation at the bottom of the enclosure. The one-way membrane allows up to 200ml/h of liquid to escape while preventing the ingress of liquid water or dirt and debris.</p>
<p>Ordering information</p>		<p>DD084 – drainage device, plastic, M50 IP66/X9K (QTY 1)</p>
<p>Material</p>		<p>Grey UV resistant plastic (UL746C), NBR sealing gasket</p>

Key features



Mounting plate

- Supplied with enclosure
- Pre-marked at 10mm intervals
- Galvanised steel



Welded hinge design

- Single long pin
- Opens 130°
- Easy to remove
- Reversible (left hand open)



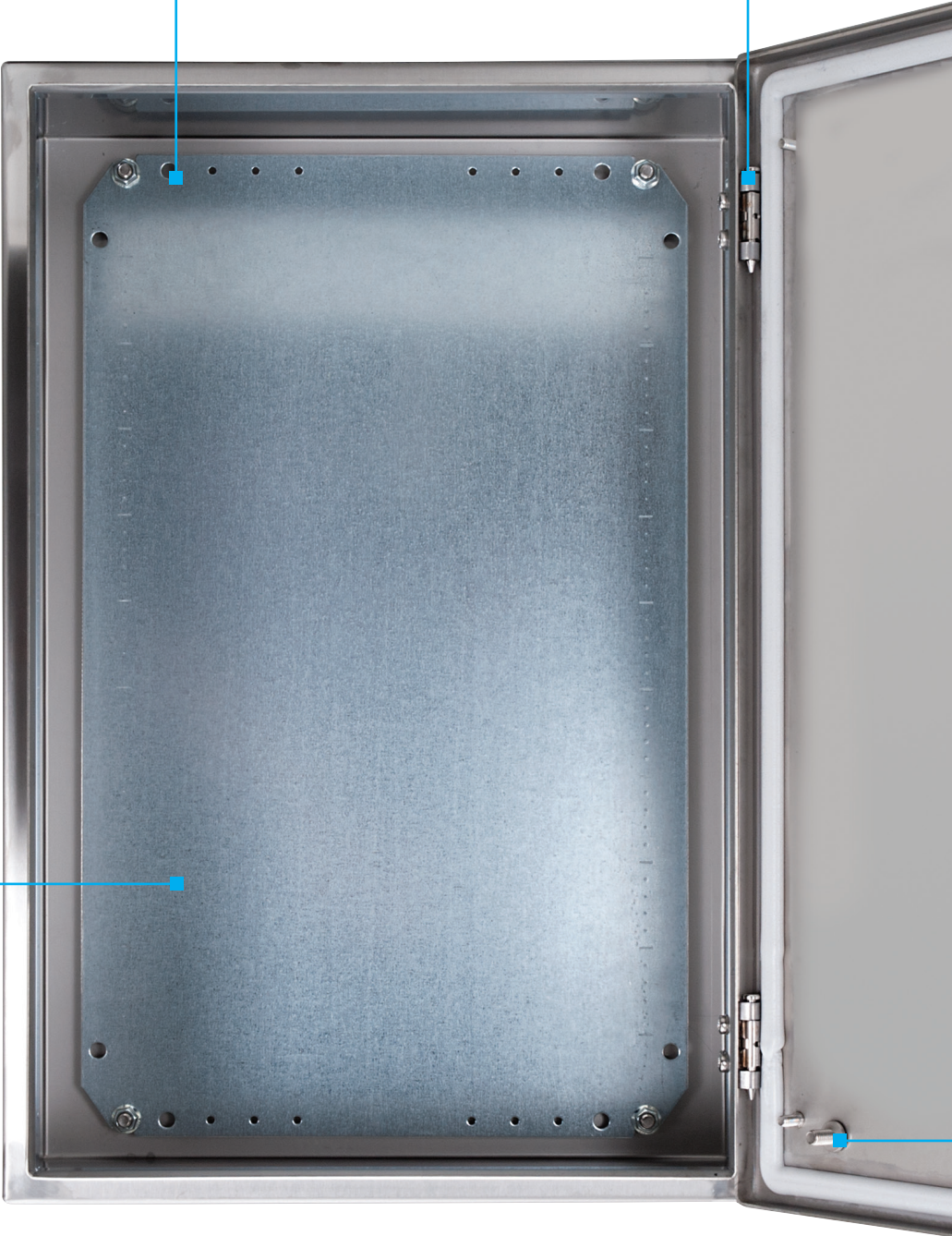
Depth adjustment kit

- Optional accessory
- Easy to fit and adjust
- Flexibility for various depth components



High cleanliness design

- No debris accumulation
- No bacteria growth
- Easy to hose clean





Silicone gasket and special locking

- UV+ chemical resistance
- Low water absorption
- Longer life
- Special locking tongue to ensure smooth seal compression



Wall mount bracket

- 316 stainless steel
- Accessory kit



Locks

- Range of locking options (please refer to the table on page 3 for details)



Multiple earthing studs

- In the door
- In the enclosure
- Simplifies wiring

The nVent HOFFMAN ASR and ADR range offers several key benefits

- Available in a wide range of standard sizes ex-stock, minimising delivery time
- The silicone gasket has virtually zero water absorption and when compared to a traditional polyurethane gasket, has better UV and chemical resistance and a wider temperature range
- Earthing studs provided on enclosure body and door, thus simplifying the wiring and reducing wiring time
- The ASR and ADR range are built on the same platform as the existing nVent HOFFMAN mild steel enclosures, ensuring compatibility with existing accessories
- The supplied mounting plate is pre-marked at 10mm increments, making it easier to align, mount and remove components
- Easy depth adjustment provides the flexibility to suit different depth components
- An optional rain hood can be fitted for outdoor applications, prolonging enclosure life and protecting the internal components
- The hinges are designed for easy removal and reversible for right or left hand opening

Applications

The nVent HOFFMAN ASR and ADR range has been designed with cleanliness and ingress protection in mind and provides high resistance to corrosion. The high cleanliness design facilitates easy cleaning and ensures that debris cannot accumulate and that bacteria cannot grow. Intended for harsh environments, the ASR and ADR range is ideally suited to applications in the following industries:



Water and wastewater treatment plants



Food and beverage



Marine environments



Renewable energy



Heavy industry



Mining



Other arduous environments

Sample applications shown below



Process control and automation in a dairy products manufacturing plant



Process control and automation in a sandwich production facility



Technical information

Material (body+door)	AISI 316L stainless steel
Finish	400 pre-grained stainless steel
Lock	Customised zamak double-bit 3mm lock with 90° movement and anti-vibration mechanism. Enclosures with H1000 – H1200mm have Espagnolette three point locking, while H1400mm enclosures have three locks with five-point locking.
Material (mounting plate)	Galvanised steel, 2.5mm thick, marked at 10mm intervals
Ingress protection	IP66 (ASR single door), IP55 (ADR double door)
Impact resistance	IK10 (20 Joules)

Certifications for nVent HOFFMAN ASR/ADR range



Why NHP?

While our customers' challenges may be complex, their ultimate goal is simple - to run a profitable, safe and sustainable operation.

NHP is committed to servicing the needs of our customers. With over 50 years of experience in the electrical and engineering industry, our specialist teams work collaboratively to design and deliver solutions to maximise the success of your project.

We bring together internationally recognised automation, power distribution and motor control products with local knowledge and expertise to deliver best practice services from concept design through to installation and after-sales service, including project management.

A partnership with NHP will provide you with:



24/7/365
emergency service



Service network throughout
Australia and New Zealand



NHP project
management



Extensive local
stockholding



Extensively trained and
qualified service technicians



Customised
manufactured solutions





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