

WALL MOUNTED ENCLOSURES



Eldon MultiMount[®] stainless steel wall mounting enclosures

Technical Information

Sturdy cruciform body folded from cold pressed 1/1.5mm pre-grained AISI 304 / AISI 316L stainless steel. The enclosure edge is folded in the shape of a channel to avoid water stagnating on the seal.

The door is made out 1.5/2mm pre-grained AISI 304 / AISI 316L stainless steel with M6 studs allowing mounting of MMDP profiles (accessory) for easy installation of cable tracks, profiles, etc. Body and door are provided with M8 threaded studs for earthing connection.

The enclosure has external a pre-grained finish, which gives the product an aesthetically and highly professional appearance.

Finish of the outer door and body 240s pre grained (average 0.5 microns), which makes it highly suitable for the food industries (HACCP).

The enclosure consists of two parts: the base and the door. The door is secured by means of two or three stainless steel hinges and its angle of opening is at least 130°. The hinges are not visible in closed position and are fitted with a captive hinge pin. The opening direction of the door is left-right and is reversible.

The single doors are closed by one, two or three point locking system, the double doors by means of three point espagnolette system. The door also has a seamless polyurethane gasket.

The chrome plated Eldon customized 3mm double-bit lock with 90-degree movement can be interchanged with other inserts.

The door opens within the outer dimensions of the enclosure body allowing enclosures to be mounted directly next to each other without the door interference.

The mounting plate can be set up and wired outside the enclosure. It is placed subsequently

in the enclosure:

- either against the rear wall of the enclosure
- or using a mounting kit, which is adjustable in depth.

Furthermore the mounting plate is equipped with side markings every 10mm for easy mounting of the equipment on the mounting plate and holes in top and bottom have been applied for cable fixing.

To comply with EMC guidelines, the mounting plate is manufactured from Sendzimir zinc-plated steel plate 2-2.5mm thick. This plate provides an equipotential mass connection between all devices in the enclosure.

The enclosure offers maximum protection to the user and equipment by a protection degree IP 66 - IK 10 as per IEC 60529 and NBN G20- 001 (IP 55 - IK 10 for enclosures with double door and enclosures with glazed door). When using an interior door or modular framework or 19" swing frame, protection degree IP 20 is guaranteed within the enclosure. Complying with NEMA 4x, 12 and 13.

Possibility for integrated sloping and overhanging roof is one of the standard options especially designed for harsh environments.

The enclosures have the UL approval, as per UL standard 508 and also comply with the CSA certification mark, as per C22.2 no. 94.



MultiMount® stainless steel wall mounting enclosures



- ◆ The enclosure edge is folded in the shape of a channel to avoid water stagnation on the seal.
- ◆ Finely pre-grained surface finish (240s).
- ◆ Threaded studs to assist with equipment mounting.
- ◆ Polyurethane one piece gasket provides a continuous seal that maximizes the IP rating.
- ◆ Concealed hinges providing 130 degree opening and cleanliness of design.
- ◆ Multi-purpose: mounting plate, 19 inch profiles, swing frame.
- ◆ Sturdy monoblock body.
- ◆ Approvals and certifications.

ASR

STAINLESS STEEL, SINGLE DOOR ENCLOSURE

IP 66/NEMA 4X,12,13, IK10



The Eldon ASR range, designed with cleanliness and ingress protection in mind, provides high resistance to corrosion and ensures performance of equipment.

Intended for harsh environments, the ASR range is the ideal solution for food and chemical industries, pharmaceutical plants, outdoor applications and marine environments.

Technical Data

Material: AISI 304 / AISI 316L pre-grained stainless steel;
 Body: 1.0mm/ 1.5mm ASR0406021 and larger; Door: 1.5mm/ 2mm ASR1008030 and larger;
 Mounting plate: 2.0mm galvanized steel.

Frame: Monoblock body, folded and seam welded.

Door: Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with removable pin. Can be mounted to give left or right hand opening. Sealing is ensured by an injected one piece polyurethane gasket. Inside of door fitted with four welded studs for equipment profiles.

Lock: Eldon customized chrome plated double-bit 3mm lock with 90° movement and anti-vibration mechanism. 1000mm high enclosures and above have espagnolette three point locking. Stainless steel lock and other versions are available as accessories.

Mounting plate: Fixed onto M8 studs welded to the rear of the enclosure. In enclosures with height or width of 800mm or more, the mounting plate has a fold to all four sides for extra rigidity. By using the AMG accessory the mounting plate can be adjusted in depth.

Cable access: No gland plate openings as standard to maximise sealing and clean lines.

Protection: Corresponds with IP 66 and NEMA 4X, 12 and 13, IK 10.

Finish: 240s pre grained stainless steel (average 0.5 micron).

Delivery: Mounting plate, complete with fitting accessories and earthing facilities. Packaged in a reusable carton.

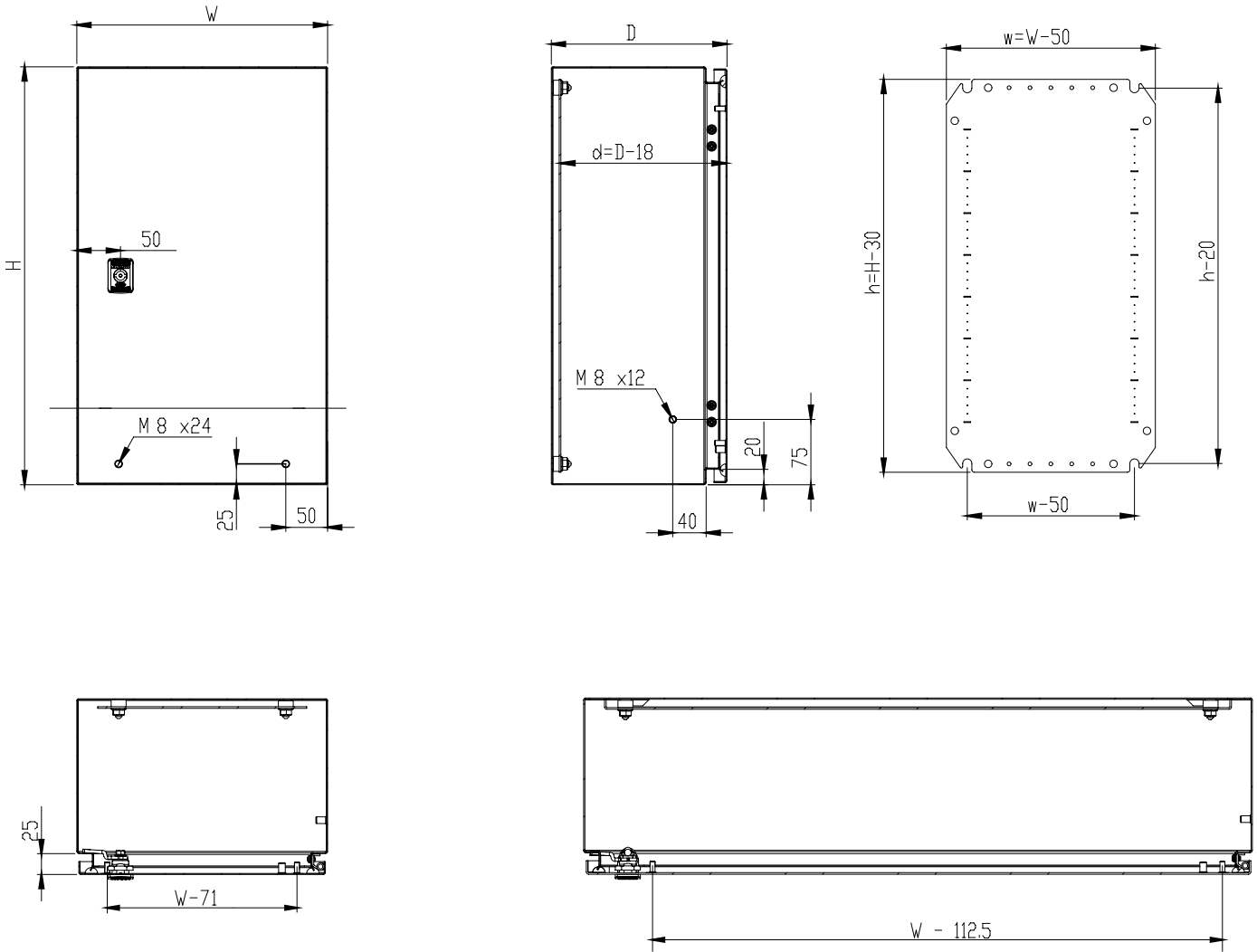
Additional information: The use of Thermal Management Equipment, venting and rainhoods is advised for harsh and outdoor applications. Please see our general accessories section and Technical chapter for additional information.

With mounting plate

Enclosure dimension			Mounting plate dimension		Weight (kg)	N° of locks	Usable depth	Part No.
H	W	D	h	w				
180	240	150	150	190	2.5	1	130	ASR0182415
		150	150	190	2.5	1	130	ASR0182415-316
240	240	150	210	190	3.2	1	130	ASR0242415
		150	210	190	3.2	1	130	ASR0242415-316
	360	150	210	310	5.0	1	130	ASR0243615
		150	210	310	5.0	1	130	ASR0243615-316
300	200	150	270	150	4.5	1	130	ASR0302015
		150	270	150	4.5	1	130	ASR0302015-316
360	240	150	330	190	5.0	1	130	ASR0362415
		150	330	190	5.0	1	130	ASR0362415-316
400	300	150	370	250	8.3	1	130	ASR0403015
		150	370	250	8.3	1	130	ASR0403015-316
	400	210	370	350	11.2	1	190	ASR0404021
		210	370	350	11.2	1	190	ASR0404021-316
	600	210	370	550	15.8	1	190	ASR0406021
		210	370	550	15.8	1	190	ASR0406021-316
500	400	210	470	350	16.0	2	190	ASR0504021
		210	470	350	16.0	2	190	ASR0504021-316
	500	210	470	450	17.0	2	190	ASR0505021
		210	470	450	17.0	2	190	ASR0505021-316
600	400	210	570	350	15.8	2	190	ASR0604021
		210	570	350	15.8	2	190	ASR0604021-316
	600	210	570	550	22.2	2	190	ASR0606021
		210	570	550	22.2	2	190	ASR0606021-316
	300	570	550	550	25.2	2	280	ASR0606030
		570	550	550	25.2	2	280	ASR0606030-316
	800	300	570	750	32.4	2	280	ASR0608030
		300	570	750	32.4	2	280	ASR0608030-316
800	600	210	770	550	28.6	2	190	ASR0806021
		210	770	550	28.6	2	190	ASR0806021-316
	300	770	550	550	32.3	2	280	ASR0806030
		770	550	550	32.3	2	280	ASR0806030-316
	800	300	770	750	42.0	2	280	ASR0808030
		300	770	750	42.0	2	280	ASR0808030-316
1000	800	300	970	750	51.5	1*	280	ASR1008030
		300	970	750	51.5	1*	280	ASR1008030-316
1200	800	300	1170	750	59.5	1*	280	ASR1208030
		300	1170	750	59.5	1*	280	ASR1208030-316
	400	1170	750	750	62.3	1*	380	ASR1208040
		1170	750	750	62.3	1*	380	ASR1208040-316
1400	800	400	1370	750	78.1	1*	380	ASR1408040
		400	1370	750	78.1	1*	380	ASR1408040-316

* 3 point espagnolette locking.

Dimensions



ADR

STAINLESS STEEL, DOUBLE DOOR ENCLOSURE

IP 55/NEMA 12, 13, IK10



The Eldon ADR range, designed with cleanliness and ingress protection in mind, provides high resistance to corrosion and ensures performance of equipment.

Intended for harsh environments, the ADR range is the ideal solution for food and chemical industries, pharmaceutical plants, outdoor applications and marine environments.

Technical Data

Material: AISI 304 / AISI 316L pre-grained stainless, Body: 1.5mm, Door: 2,0mm, Mounting plate: 2.5mm galvanized steel.

Body: Monoblock body, folded and seam welded.

Door: Corner formed in one piece. Surface mounted with 130° opening. Concealed AISI 304 stainless steel hinges with removable pin. Inside of door carries four welded studs for equipment profiles. Sealing is ensured by an injected one piece polyurethane gasket.

Lock: Eldon customized chrome plated double-bit 3mm lock with 90° movement and anti-vibration mechanism. Espagnolette three points locking. Stainless steel lock and other versions are available as accessories.

Mounting plate: Fixed onto M8 studs welded to the rear of the enclosure. In enclosures with height or width of 800mm or more, the mounting plate has a fold to all four sides for extra rigidity. By using the AMG accessory the mounting plate can be adjusted in depth.

Finish: 240s pre grained stainless steel (average 0.5 micron).

Protection: Corresponds with IP55 and NEMA 12,13, IK10.

Delivery: Mounting plate, complete with fitting accessories and earthing facilities. Packaged in a reusable carton.

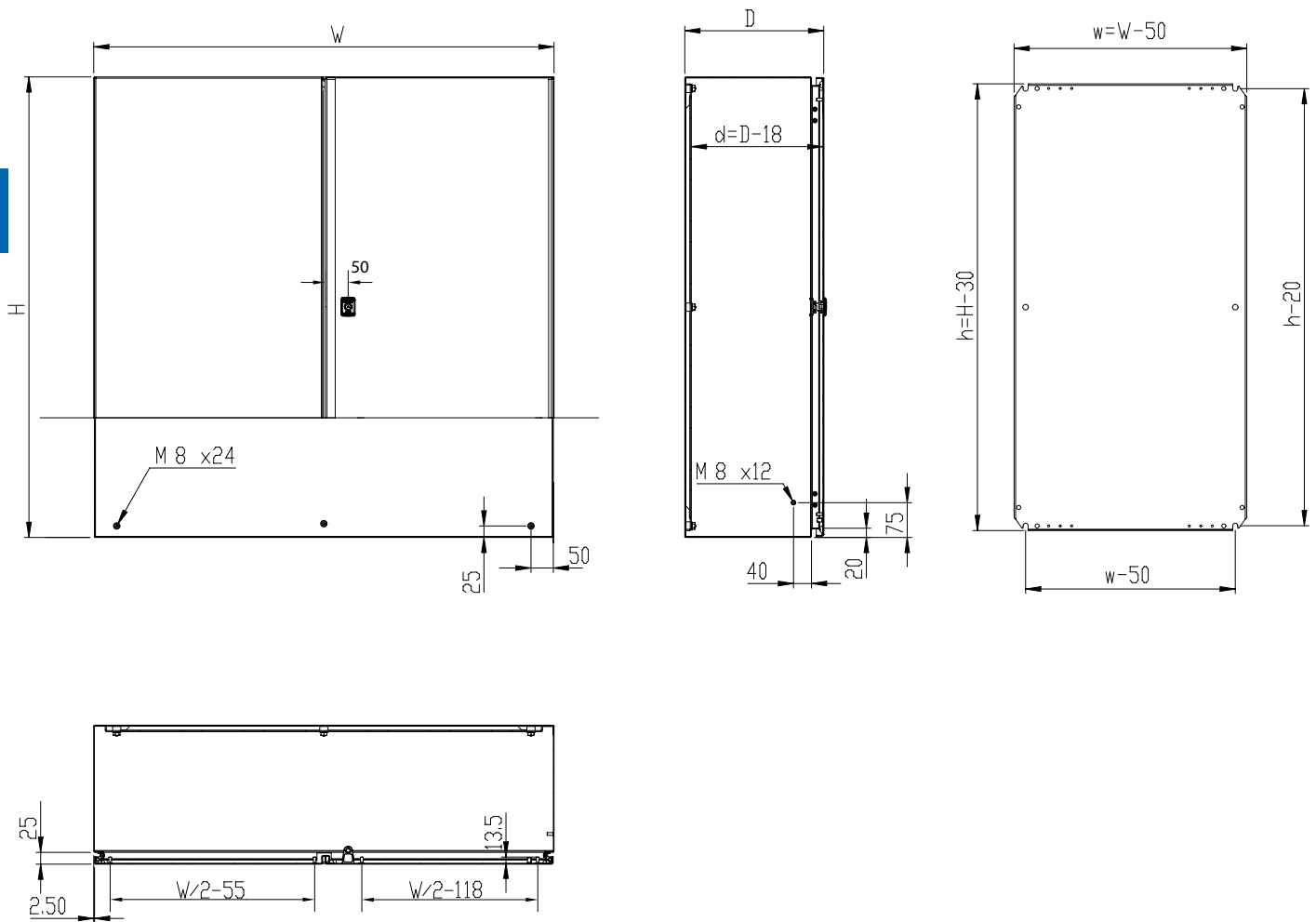
Additional information: The use of Thermal Management Equipment, venting and rainhoods is advised for harsh and outdoor applications Please see our general accessories section and Technical chapter for additional information.

With mounting plate

Enclosure dimension			Mounting plate dimension		Weight (kg)	N° of locks	Usable depth	Part No.
H	W	D	h	w				
1000	1000	300	970	950	59.5	1*	280	ADR1001030
	1200	300	970	1150	69.7	1*	280	ADR1001230
	1000	300	970	950	59.5	1*	280	ADR1001030-316
	1200	300	970	1150	69.7	1*	280	ADR1001230-316

* 3 point espagnolette locking.

Dimensions



AW

WALL MOUNTING BRACKETS



Description: Mounting brackets for safe wall fixing. It includes the sealing washers to guarantee the IP rating.

Material: 3mm zinc plated steel.

Pack quantity: 4 brackets with mounting accessories.

Part No.
AW41

AMG

DEPTH ADJUST KIT



Description: To provide depth adjustment for different accessories: mounting plate, 19" profiles and inner door. In stainless steel enclosure machining is required.

Material: 2mm galvanized steel.

Depth adjustment: Distance to the door D-35 to 65mm.

Pack quantity: 2 pairs with mounting accessories.

Enclosure dimension	
D	Part No.
155	AMG155
210	AMG210
260	AMG260
300	AMG300
400	AMG400

ADO

DOOR STOP



Description: Door stop for height 300mm enclosures and above. To secure the door in an open position allowing a 90° or 110° opening. Mounted directly to the door profile studs. Machining is required.

Pack quantity: 1 piece with mounting accessories.

Description	Part No.
Zinc plated steel	ADO201
Stainless steel	ADO200S

ALL

LOCKS



Description: Alternative locks to replace the standard one.

Pack quantity: 1 piece.

Description	Type	Part No.
MultiMount 333 key lock	Key 333	ALL509

DRA

DOCUMENT POCKET



Description: Self adhesive, for DIN A4.

Usable depth: 30mm.

Material: Thermoplastic.

Finish: RAL 7035.

Pack quantity: 1 document pocket with double sided tape.

Part No.
DRA04