

Atlantic stainless steel wall mounting enclosures

IP 66 - IK 10 - Nema 4x



Technical information and dimensions (opposite) Equipment (p. 23-32)

IP 66 according to IEC 60529
 IK 10 according to IEC 62262, EN 50102
 UL listed (Nema 4x)
 CSA, Bureau Veritas, LRS. LCIE N° 170 790 10A
 Stainless steel 304 L, 316 L
 Upper and lower protective hoods
 Door with rounded vertical sides

For use in :

• **areas requiring a high level of hygiene :**

- food processing plants and dairies
- industrial/commercial kitchens

• **corrosive conditions :**

- chemical plants
- pharmaceutical, petroleum and paper industries

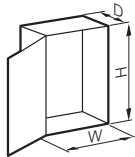
• **very harsh environments :**

- industrial; acid or acid fumes
- offshore; naval; chlorides present

Automatic positioning of equipment on to active corners with M8 fixings
 Provision to fix optional runners and brackets for depth adjustment in enclosures from 600 x 400 x 250 mm (contact us on +44 (0) 845 605 4333)

Pack Cat. Nos. **Stainless steel enclosures⁽¹⁾ – 304 L (1 door)**

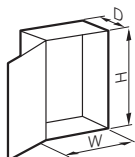
Pack	Cat. Nos.	Stainless steel enclosures ⁽¹⁾ – 304 L (1 door)			
		Double bar lock. Epoxy finish. Zamak coated Locking points : 1 lock for heights ≤ 400 mm 2 locks for heights ≥ 500 mm			
		External dimensions (mm)			
		Height	Width	Depth	Weight (kg)
1	0352 00 ⁽¹⁾⁽²⁾	300	200	160	4
1	0352 01 ⁽¹⁾	400	300	200	5-8
1	0352 02	500	400	200	8-3
1	0352 03	600	400	200	10-8
1	0352 05	600	400	250	12
1	0352 06	700	500	250	15
1	0352 11	800	600	300	22
1	0352 13	1 000	800	300	38
1	0352 14	1 200	800	300	45
1	0352 15	1 400	800	400	66



Stainless steel enclosures – 316 L (1 door)

Supplied with non-interchangeable double bar lock
 Epoxy finish. Steel coated
 Locking points : 1 lock for heights ≤ 400 mm
 2 locks for heights ≥ 500 mm

		Stainless steel enclosures – 316 L (1 door)			
		External dimensions (mm)			
		Height	Width	Depth	Weight (kg)
1	0352 40 ⁽²⁾	300	200	160	4
1	0352 41	400	300	200	5-8
1	0352 42	500	400	200	8-3
1	0352 45	600	400	250	12
1	0352 46	700	500	250	15
1	0352 47	800	600	300	22
1	0352 53	1 000	800	300	38



Wall mounting brackets

Supplied with stainless steel screws
 Horizontal or vertical installation
 Set of 4
 Upto max. load 300 kg

1	0364 06	304 L
1	0364 16	316 L

(1) Cat. Nos. 0352 00/01 are fitted with 1 lock, all others are fitted with 2 locks
 (2) Supplied with plain plate

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■ **Technical information**

Stainless steel enclosures provide a solution in harsh, aggressive environments such as chemical plants or offshore

Corrosion resistance

	304 L	316 L
To salt spray (SS)	1 000 hrs	2 000 hrs
To sulphur dioxide (SO ₂)	500 hrs	1 000 hrs

Brushed stainless steel finish

Polygrain 180
 - Ra 0.25 to 0.35 µm
 - Rt 2.5 to 4 µm

Stainless steel properties

304 L : Provides good resistance to :

- nitric acid at concentrations of 52 % or less at all temperatures (or 98 % when cold)
- cold dilute organic acids
- alkaline solutions (unless hot or above 50 %)
- saline solutions except chlorides, sulphides and sulphates
- fresh water and natural atmosphere low in chlorides
- food products (except mustard and white wine)

316 L : Provides good resistance to :

- phosphoric acids - all concentrations ≤ 40 °C
- sulphuric acids < 10 % and > 80 % at 20 °C
- sulphuric compounds ≤ 70 °C
- sulphuric vapours and solutions, even boiling
- salt solutions except chloride
- alkaline solutions - all concentrations < 100 °C
- fresh water and natural atmosphere (particularly marine conditions)
- organic, food and pharmaceutical compounds

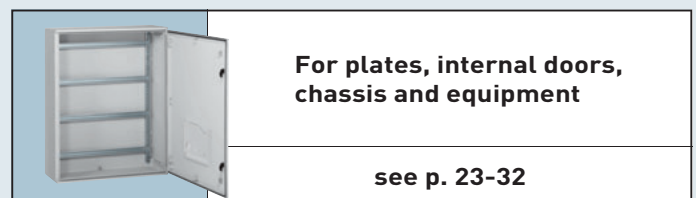
Physical properties

Specific weight - density : 8
 Coefficient of expansion : 16 µ / m °C
 Specific heat : 500 J / kg °C
 Electrical resistivity : 0.75 µΩ mm²
 Thermal conductivity : 15 W / m °C

The only way of guaranteeing excellent resistance to intercrystalline corrosion is the low carbon content (0.03 %) of 304 L and 316 L stainless steel

Different country names

		304 L	316 L
France	AFNOR NFEN	Z3 CN 18-10 X 2 CNI 19-11	Z3 CND 17-11-02 X 2 CNI Mo 17-12-2
Germany	DIN	X 2 CNI 19-11 (W.Nr 1-4 306)	X 2 CNI Mo 17-13-2 (W.Nr 1-4 404)
USA	AISI	304 L	316 L



For plates, internal doors, chassis and equipment

see p. 23-32