



Sloped Top Enclosures



Water and Dust Tight Stainless Steel Sloped Top Enclosure

Application

Ralston's EST series enclosures are designed to provide protection indoors and outdoors, against dust, dirt, oil, and water for items such as: electronic and electrical controls, instrumentation systems, pneumatic, hydraulic and machine controls. The EST series is designed for use in such areas as dairies, breweries and the food industry where they are subject to frequent high pressure hosing and generally wet conditions (Not submersible).



Construction

All EST enclosures are made from 1.5mm #304 stainless steel. All seams are continuously welded and ground to a smooth finish. Each enclosure comes complete with grounding studs, and a removable 2mm (EST) galvanized back panel mounted on M6 weld nuts.

The 120° opening door is easily removed by pulling the removable hinge pins from the hidden hinges to allow right or left hand opening. The door is sealed with an extruded one-piece polyurethane gasket and is secured closed with chrome plated 3mm DIN type quarter turn latches.

The top of the body is equipped with a sloping roof with a slope of between 8° and 30°, giving a 20mm overhang to remove liquids away from the door opening. The sloped top does not allow liquid pooling on the top of the enclosure, eliminating a potential dangerous situation of water dropping into the enclosure once the door is opened.

Finish

Outer body and door of the EST has a 240s pre-grained (average 0.5 micron) fine finish for less attachment of chemicals and bacteria to the enclosure surfaces. Interior mounting plate is galvanized.

Standards

The EST are built to the requirements of IP66, NEMA Type 12 for industrial use, 13 for oil and dust tight and to 4,4X for water tight and corrosion resistance.

The EST is CE, UL and cUL for Canada and the USA.

Special Orders

Custom units with special sizes and punching can be supplied on order.

Part Number	Height	Width	Depth	Weight
EST-0432015	430 mm	200 mm	150 mm	10 kgs
EST-0404021	400 mm	400 mm	210 mm	15 kgs
EST-0404021B	400 mm	400 mm	210 mm	15 kgs
EST-0553020	555 mm	300 mm	200 mm	16 kgs
EST-0604021	600 mm	400 mm	210 mm	22 kgs
EST-0604021B	600 mm	400 mm	210 mm	22 kgs
EST-0665020	660 mm	500 mm	200 mm	26 kgs
EST-0754020	755 mm	400 mm	200 mm	23 kgs
EST-0626030	620 mm	600 mm	300 mm	30 kgs
EST-1026030	1020 mm	600 mm	300 mm	40 kgs
EST-1228030	1220 mm	800 mm	300 mm	60 kgs
EST-1428030	1420 mm	800 mm	300 mm	70 kgs