



Floor Standing Double Door



Application

Ralston's EMD Series modular double door enclosures are designed to provide protection against dust, dirt and oil for items such as: electronic and electrical controls, instrumentation systems, pneumatic, hydraulic, machine controls as well as networking and telecommunications applications.

Ralston modular enclosures are ideal for use on installations that may require future updates needing the addition of more space.

The EMD series is designed around an advanced frame system with an abundance of features, options and accessories; make the EMD one of the worlds most used modular enclosure.

Construction

In addition to its world-renowned frame, all EMD enclosures come complete with installed doors, rear wall, roof, and bottom floor plate. The EMD is delivered on a shipping pallet with the width identical to the enclosure to allow the joining of enclosures without removal from the pallet.

The 1.5mm frame of the EMD is a seam welded reversed open profile with 25mm hole pattern according to DIN 43660 in addition to an integrated external hole pattern.

Both 1.8mm steel doors are easily removed by pulling the removable hinge pins. Doors are sealed with an extruded one-piece polyurethane gasket and secured closed with a 4 point locking system. The standard DIN type 3mm pin lock can be replaced with optional locking inserts or a variety of swing handles. A 20mm X 20mm tubular frame adds rigidity and is used to add door accessories.

The removable 1.5mm rear wall and optional sidewalls are held secure with M6 torx screws and are sealed with an extruded one-piece polyurethane gasket. Rear and side walls can be replaced with optional doors. The removable roof and 3 piece bottom plates are also made from 1.5mm steel. Bottom plates are designed for easy cable access and include cable entry foam for a complete seal.

The depth adjustable 2mm galvanized interior mounting panel comes complete with ease-of-moving slide wheels.

Finish

All enclosures are phosphatized and finished inside and out with RAL 7035 light grey polyester powder coating with a textured finish.

Standards

EMD enclosures are built to the requirements of NEMA type 12, and IP55 specifications for use with industrial control equipment in ordinary locations.

EMD enclosures are CE, and UL approved.

Special Orders

Custom units made from stainless steel or with special finishes, sizes or punching can be supplied on order.

Part Number	Height	Width	Depth	Weight
EMD-14125	1400 mm	1200 mm	500 mm	133 kgs
EMD-16125	1600 mm	1200 mm	500 mm	146 kgs
EMD-18124	1800 mm	1200 mm	400 mm	153 kgs
EMD-18125	1800 mm	1200 mm	500 mm	159 kgs
EMD-18126	1800 mm	1200 mm	600 mm	165 kgs
EMD-18164	1800 mm	1600 mm	400 mm	199 kgs
EMD-20124	2000 mm	1200 mm	400 mm	166 kgs
EMD-20125	2000 mm	1200 mm	500 mm	172 kgs

EMD-20126	2000 mm	1200 mm	600 mm	178 kgs
EMD-20128	2000 mm	1200 mm	800 mm	190 kgs
EMD-20164	2000 mm	1600 mm	400 mm	216 kgs
EMD-20165	2000 mm	1600 mm	500 mm	222 kgs
EMD-20166	2000 mm	1600 mm	600 mm	228 kgs
EMD-22126	2200 mm	1200 mm	600 mm	191 kgs