



Ralston
Metal Products Limited

**You create the need.
We customize the solution.**



Floor Standing Single Door

Application

Ralston's EMS Series modular 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.

CE

Ralston modular enclosures are ideal for use on installations that may require future updates needing the addition of more space. The EMS series is designed around an advanced frame system with an abundance of features, options and accessories; make the EMS one of the worlds most used modular enclosure.

Construction

In addition to its world-renowned frame, all EMS enclosures come complete with installed door, rear wall, roof, and bottom floor plate. The EMS 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 EMS is a seam welded reversed open profile with 25mm hole pattern according to DIN 43660 in addition to an integrated external hole pattern.

The 1.8mm steel door is 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

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

EMS 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
EMS-14065	1400 mm	600 mm	500 mm	73 kgs
EMS-14085	1400 mm	800 mm	500 mm	97 kgs
EMS-16065	1600 mm	600 mm	500 mm	81 kgs
EMS-16085	1600 mm	800 mm	500 mm	106 kgs
EMS-18064	1800 mm	600 mm	400 mm	86 kgs
EMS-18065	1800 mm	600 mm	500 mm	89 kgs
EMS-18066	1800 mm	600 mm	600 mm	92 kgs
EMS-18084	1800 mm	800 mm	400 mm	112 kgs
EMS-18085	1800 mm	800 mm	500 mm	115 kgs

EMS-18086	1800 mm	800 mm	600 mm	118 kgs
EMS-18104	1800 mm	1000 mm	400 mm	130 kgs
EMS-18105	1800 mm	1000 mm	500 mm	136 kgs
EMS-18106	1800 mm	1000 mm	600 mm	142 kgs
EMS-20064	2000 mm	600 mm	400 mm	94 kgs
EMS-20065	2000 mm	600 mm	500 mm	97 kgs
EMS-20066	2000 mm	600 mm	600 mm	100 kgs
EMS-20068	2000 mm	600 mm	800 mm	106 kgs
EMS-20084	2000 mm	800 mm	400 mm	121 kgs
EMS-20085	2000 mm	800 mm	500 mm	124 kgs
EMS-20086	2000 mm	800 mm	600 mm	127 kgs
EMS-20088	2000 mm	800 mm	800 mm	133 kgs
EMS-20104	2000 mm	1000 mm	400 mm	141 kgs
EMS-20105	2000 mm	1000 mm	500 mm	147 kgs
EMS-20106	2000 mm	1000 mm	600 mm	153 kgs
EMS-20108	2000 mm	1000 mm	800 mm	165 kgs
EMS-22066	2200 mm	600 mm	600 mm	108 kgs
EMS-22068	2200 mm	600 mm	800 mm	114 kgs
EMS-22086	2200 mm	800 mm	600 mm	137 kgs
EMS-22088	2200 mm	800 mm	800 mm	143 kgs