



Ralston
Metal Products Limited

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



Floor Standing Single Door

Single Door Modular Enclosure

Application

Ralston's MCS 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.



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

Construction

In addition to its world-renowned frame, all MCS enclosures come complete with installed door, rear wall, roof, and bottom floor plate. The MCS 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 1.75mm frame of the MCS is a seam welded reversed open profile with 25mm hole pattern according to DIN 43660 in addition to an integrated external hole pattern.

The 2mm steel door is easily removed by pulling the removable hinge pins from the hidden hinges. 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.

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.

The depth adjustable 3mm galvanized interior mounting panel is packaged on the exterior of the enclosure allowing quick and easy access for panel builders.

Finish

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

Standards

MCS enclosures are built to the requirements of NEMA type 12 specifications for use with industrial control equipment in ordinary locations and type 13 for an oil and dust tight enclosure.

MCS enclosures are approved CSA, UL, CE -IP55 type 12 & 13 enclosure.

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
MCS-18065-R5	1800 mm	600 mm	500 mm	94 kgs
MCS-20064-R5	2000 mm	600 mm	400 mm	103 kgs
MCS-20108-R5	2000 mm	1000 mm	800 mm	174 kgs
MCS-22066-R5	2200 mm	600 mm	600 mm	116 kgs
MCS-22068-R5	2200 mm	600 mm	800 mm	140 kgs