



Ralston
Metal Products Limited

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

Multi Door Enclosure



Oil & Dust Tight Multi Door Enclosure

Application

Ralston's N12 Multi Door enclosures are designed to provide protection against dust, dirt, and oil for such items as: electronic and electrical controls, large complex instrumentation systems and pneumatic, hydraulic, and complex machine tool controls.

Construction

All N12 Multi Door enclosures are made from 11 ga. hot rolled steel and have continuously welded seams ground to a smooth finish. The MD enclosures are equipped with four or eight lifting eye bolts complete with solid rubber seals and reinforcing support angles welded to the top of the cabinet. The enclosures come complete with top inner florescent light brackets, 1/4-20 grounding studs for each door, full size back panel behind each door, and panel support brackets to assist in panel installation.

Single doors and overlapping doors are also made from 11 ga. hot rolled steel and are equipped with oil resistant neoprene gasket, 1/4-20 grounding studs, removable print pocket and padlocking handles.

Doors are mounted on slip hinges allowing for easy removal.

Standard mechanical interlocks are installed in each MD enclosure with the right door being the master door.

N12 MD enclosures maintain a rigid construction through the use of body stiffeners, door stiffeners and extra panel mounting studs.

The base is pre-punched to provide ease of securing the enclosure to the ground for stability. Hole plugs are provided to seal the pre-punched holes in the case the holes are not used.

Paint Finish

All N12 MD enclosures are phosphatized and finished inside and out with ANSI/ASA 61 grey polyester powder coating. Inner back panels are painted with high gloss white powder coating.

Standards

N12-MD 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.

N12-MD enclosures are CSA certified (File # LR 1174410) and UL 508 listed (File #E136838) as a type 12 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
N12-MD3-8611216	86 in	112 in	15.5 in	1405 lbs
N12-MD4-8614916	86 in	149 in	15.5 in	1730 lbs
N12-MD5-8618716	86 in	187 in	15.5 in	2300 lbs