



Ralston
Metal Products Limited

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

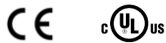


Wall Mount 1/4 Turn Latching System

Non Metallic Fiberglass Reinforced Polyester Enclosure with 1/4 Turn Latching System

Application

Ralston's RAL-WM Series was especially developed for housing electrical and/or electronic apparatus in all their applications, where because of corrosion, polyester enclosures offer greater advantages than the traditional sheet steel types.



With the RAL-WM's high resistance to corrosion, it is especially recommended for installation in all environments, indoors and outdoors in which dust, humidity, presence of acids, extreme conditions such as snow, ice, tropical climate, etc., make the use of polyester more advantageous.

The RAL-WM Series is ideally suited for offshore and coastal areas, petrochemical plants, water treatment facilities and food processing industries.

Construction

The RAL-WM Series is a new generation of wall-mounted enclosures made from 3mm thick fiberglass reinforced polyester. They are the result of the most modern molding techniques, by which each enclosure is a one-piece construction without joints. The properties of polyester itself are reinforced by a 30% fiberglass mix, obtaining a high resistance and mechanical rigidity - scale 9 - with a weight approximately 1/3 that of sheet steel enclosures of equivalent dimensions.

The RAL-WM Series has a molded lip around the door opening to provide complete and maximum gasket contact. This, along with a molded drip shield prevents liquids from dripping into the enclosure when the door is open.

Each enclosure's removable door is equipped with watertight polyurethane-foam seal and anti-corrosion door catches.

The RAL-WM's attractive design, using consealed stainless hinges permits a 180° opening of the door; offering maximum accessibility to the interior.

Finish

All enclosures and non-metallic interior mounting panels are RAL7035 light grey. Metal back panels are painted with high gloss white powder coating.

International Standards

RAL-WM enclosures are built to the requirements of NEMA Type 12 specifications for use with industrial controls in ordinary locations, type 13 for an oil and dust tight enclosure, and type 4,4X as a water tight corrosion resistant enclosure. The RAL-WM is built to the requirements of CE and meet IP66.

RAL-WM enclosures are:

- UL & cUL 508 listed type 4,4X
- CE approved

| Part Number | Height | Width | Depth | Weight |
|--------------------|---------------|--------------|--------------|---------------|
| RAL-WM-325 | 300 mm | 250 mm | 140 mm | 2.2 kgs |
| RAL-WM-43 | 400 mm | 300 mm | 200 mm | 3.7 kgs |
| RAL-WM-44 | 400 mm | 400 mm | 200 mm | 4.6 kgs |
| RAL-WM-54 | 500 mm | 400 mm | 200 mm | 5.5 kgs |
| RAL-WM-64 | 600 mm | 400 mm | 230 mm | 7.5 kgs |
| RAL-WM-65 | 600 mm | 500 mm | 230 mm | 8.2 kgs |
| RAL-WM-68 | 600 mm | 800 mm | 300 mm | 13.3 kgs |
| RAL-WM-83 | 800 mm | 300 mm | 230 mm | 6.4 kgs |
| RAL-WM-86 | 800 mm | 600 mm | 300 mm | 13.3 kgs |