



Procace 400x400x200mm Outdoor Cabinet

- Monoblock welded body
- Rear surface suitable for cable entry
- A louvered top cover that helps with airflow
- mounting plate
- Easy and suitable wiring with the cable gland module on the bottom surface
- Top case is suitable for fan mounting
- User friendly design
- Isolation module that can be mounted if needed

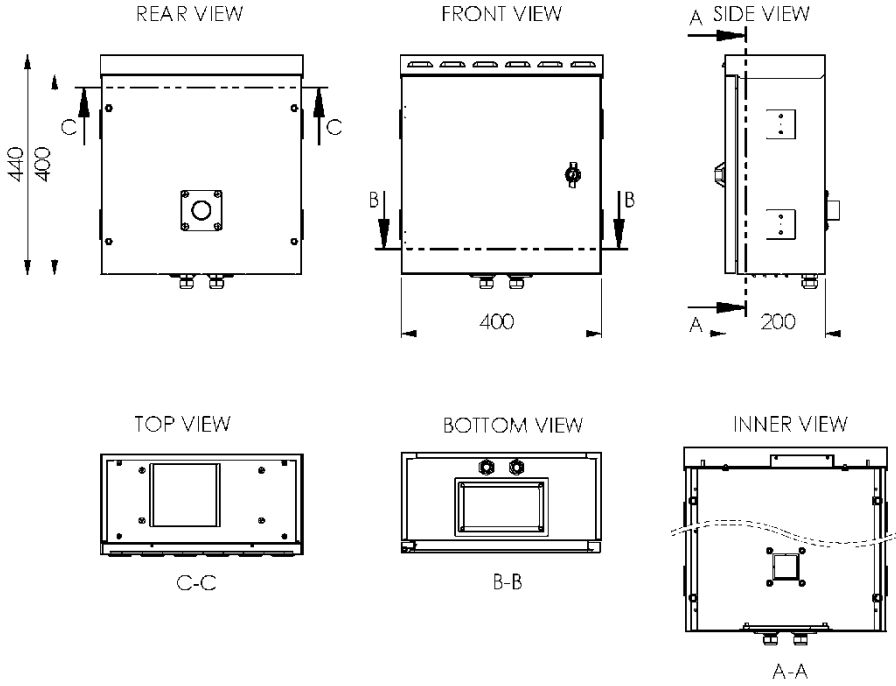
List Code: PRC404020MMBSLG

Technical Data

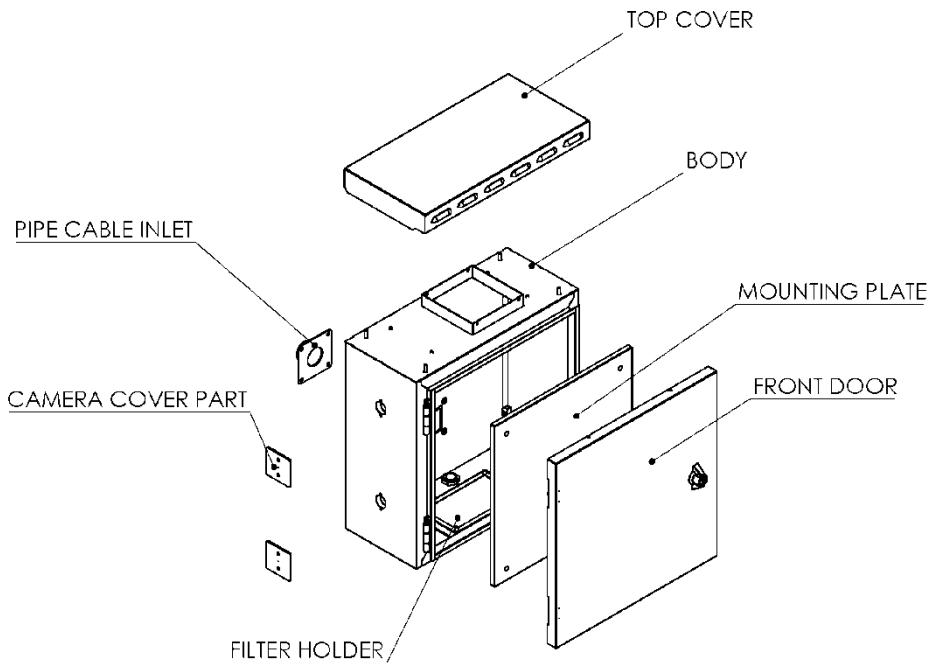
Dimensions: WxDxH
Material
Renk
Standards
ClimaticTest
Industrial Atmosphere
Static Mechanical Load
Vibration Test
Shock Test
Impact Test

W:400mm D:200mm H:440mm
Sheet Steel, DIN EN 10130 DC-01 (6112) /EN 10346 DX51D + Z (1311)
*RAL 7035 Light Grey Color = **PRC404020MMBSLG***
TS EN 61587-1
C2
A2
SL5 - LT5 -ST5 -NL5
DL4V
DL4S
IK10

Drawings



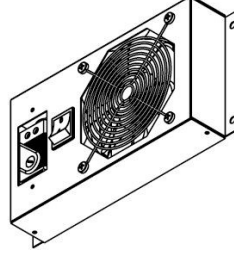
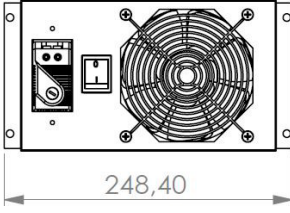
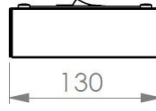
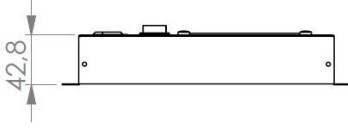
Explode View



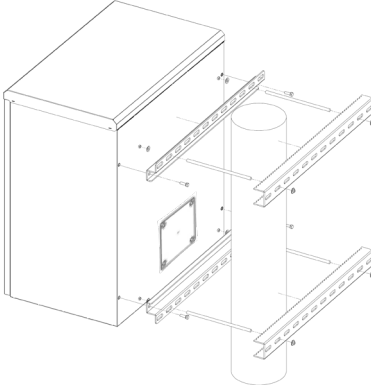
Fan Unit

Product Code: PRC404020FNT1

Product Description: Fan Unit; 1 Fan, On/Off Switched Thermostat



Pole Type Fixing Bracket Universal

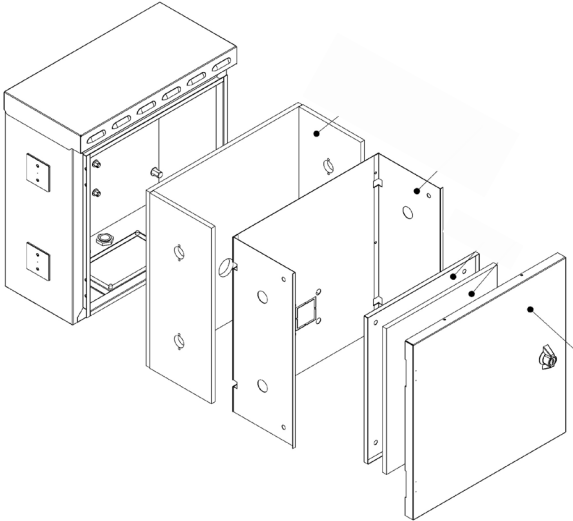


Product Code : PRCDRMA02

Product Description : Pole Type Fixing Bracket Universal
(Width=400mm)

Pole Module; It provides ease of use for clamping wooden or metal poles, providing an extremely strong clamp without the need for pole size or diameter information.

Isolation Module



Product Code : PRCIZ404020PE10MMBS

Product Description : Isolation Module

TECHNICAL SPECIFICATIONS

PROTECTION INDEX

- EN 61587-1 IEC 60529

MECHANICAL PERFORMANCE

EN 61587-1 15.01.2018

- Load Test (Performance Level SL12-LT5-ST5-NL5)
- Dynamic Load Test - Vibration (Performance level DL4V) IEC 60068-2-6
- Dynamic Mechanical Load Test - Shock (Performance level DL4S) IEC 60068-2-27
- Impact Test IEC 60068-2-75 IEC62262 (Performance level IK07)
- Permissible Load Carrying Capacity : 400 kg

CLIMATIC TEST(Performance level (C2)

- Cold (IEC 60068-2-1)
- Dry Heat (IEC 60068-2-2)
- Damp Heat Cyclic (IEC 60068-2-30)

INDUSTRIAL ATMOSPHERE (Performance level A2)

- Salt Mist Test IEC 60068-2-11
- Salt Spray Test TS EN ISO 9227
- Sulphur dioxide test and hydrogen sulphide test IEC 60068-2-42, IEC 60068-2-43, IEC 60068-2-49, IEC60068-2-52

GROUNDING CONTINUITY

EN 61587-1 / EN 61010-1

- The continuity of the protection circuit is in accordance with the standard regulations. The measured resistance is less than 0.1 Ohm..

STANDARDS

1. **ISO9001-2015** Quality management system must be used in the production of 19" Rack cabinets.
2. 19" Rack Cabinets must have a **TSE** Certificate EN 61587-1 15.01.2018 standard.
3. In addition, all of the main and auxiliary materials used in the manufacturing process must comply with the following standards.

- **Material** Sheet Steel, DIN EN 10130 DC-01 (6112) / EN 10346 DX51D + Z (1311)
- **Electrostatic Powder Paint** ISO 9001:2015 ASTM D523; ASTM D2794; ISO 8130-13; ISO 8130-5 RAL 7035
- **Ventilation Units (Fan Unit)** "EMC EN55032:2015 & LVD EN IEC 62368-1: 2020 +A11:2020
- **Connection Components** (screw, nut, washers etc.)" TS EN ISO 7045; TS EN ISO 4032; RoHS IEC 62321 "
- **Lock Systems** DIN-EN 1774-ZnAl4Cu1; PA6 GFR 30

TECHNICAL SPECIFICATIONS

In the production of 19" Wall Mounted, Free Standing, Pole Type Rack cabinets, it must have TSE certificate containing ISO 9001:2015 quality assurance system and EN 61587-1, (IEC 60917, IEC 60297) standards.

Dimensions: It should comply with IEC 60297 standard. Internal use "U" capacity of cabinets excluding lock from outside to outside; It should be W:400mm, D:200 mm, H: 440mm

Main Body: It should consist of three parts: the main body plate, the top plate and bottom plate. The main carrier, top and bottom plates should increase the strength of the cabinet, and should have a monoblock bended and welded structure. It should be produced from 1.50 DX51D+Z quality galvanized material. The top panel should be suitable for fan mounting, there should be a cable entry with cable glands on the bottom plate of the main body. It should be easily mounted on the wall, it should be easily mounted on the wall with the wall mounting fixing bracket set . With the positioning of the ventilation outlets, necessary protection measures against pressurized water and sabotage must be taken. The body structure of the cabinet should be suitable for single-walled and double-walled structures. When the inner walls are supplied, they should be double-walled, depending on the situation of the cabinet in the field.

Top Cover: The hot air circulation inside the cabinet should be done through the slots and shutters on the edge of the top cover. Shutters and slots should be protected against harmful effects that may occur on the equipment inside the cabinet due to the ingress of dust blown by wind, rain, slush and splashing water, since the application areas are outdoors open to environmental impact. Top cover cannot be interfered with from the outside in any way, it should have a structure that can be screwed onto the main body.

Door Structure: The front door module should be manufactured from 1.50 DX51D+Z quality galvanized material. The highest corrosion resistance should be provided with RAL 7035 light gray epoxy polyester electrostatic powder paint applied on the monoblock welded structure reinforced with bends. The front door is made of polyurethane sealing gasket, durable between -40° and +100°C, can be opened 125° and should be metal. It should have the possibility to be made double walled after mounting in the field. The front door should be closed on the frame system with flange bended, water channel and gasket on the cabinet main body.

Paint: Cabinets will provide high resistance against impacts; It should be painted with electrostatic RAL7035 white powder polyester paint. (ISO 9227 and ASTM B 117-85). It must be resistant to a minimum of 1000 hours of salt test and test result reports must be submitted. On metal surfaces; 80 +/- 5 micron paint thickness should be provided.

Inner Wall: : Inner wall should be manufactured from 1.00 mm DX51D+Z galvanized material and should be reinforced with bends. The walls should be easily removable and pluggable and should not be interfered with in any way from the outside. 10 mm thick polyurethane panel or polyethylene panel between the walls should be used as heat insulation material. The heat insulation material should prevent the cabinet from overheating and cooling. Heat insulation should be applied to the front door, back and side surfaces of the cabinet. In order to make the single-walled cabinet installed in the field double-walled, it should be sufficient to supply only inner wall as an accessory.

Panel Isolation: Using double-walled isolation in panels according to environmental and regional conditions is an effective solution against the heat problem of the panel. Circulation fans are the fans that circulate the air inside the panel, they should reduce the temperature and prevent heat condensation that can damage the active components. Isolation material 10 mm thick polyethylene sheet should be used.