NF14VFHA1C-CDP2

Altelix Weatherproof Enclosure with Heater, Cooling Fan, 120VAC Outlets and Power Cord for Cradlepoint® R500-PLTE, IBR600 and IBR900 Series LTE Routers

Cradlepoint® LTE Router and Power Supply Not Included

Features

- Designed for use with Cradlepoint® R500-PLTE, IBR600 and IBR900 Series LTE Routers
- Generous size of enclosure provides space for additional equipment such as a digital signage player
- No electrical wiring required
- (4) Pre-wired 120VAC power outlets with pre-wired 5 ft. 3-prong power cord
- Thermostat controlled 200W heating system and cooling fan
- Dual 4" vents with rain shields and screens
- Rugged RF transparent fiberglass reinforced polyester FRP construction
- Weatherproof, UV stable and highly corrosion resistant
- NEMA Type 3R, 3RX / IP24 rated
- Includes wall mount hardware and cable glands
- Optional pole mounting kit available

Description

Designed to provide the ultimate protection for Cradlepoint® R500-PLTE, IBR600 and IBR900 Series LTE Routers, this heated and fan cooled enclosure is easy to install because no wiring is required. Simply mount the enclosure and plug the pre-wired 5 foot power cord into a nearby outlet. The aluminum equipment mounting plate features four pre-wired 120VAC power outlets for powering the Cradlepoint® LTE router and any additional equipment installed in the enclosure such as a digital signage multimedia player. The power cord can be easily removed, and the quick-connect terminal strip simplifies hard-wiring by a qualified installer.

Plug and Play Setup - The NF14VFHA1C-CDP2 enclosure provides easy plug-n-play installation. The equipment mounting plate is pre-drilled to except the Cradlepoint® LTE router. Once the router is securely mounted to the plate, connect the power supply to the internal 120VAC power outlet. Cable glands on the enclosure allow cables to be connected to the device. The generous size of this enclosure and extended lid provides space for additional equipment to be installed such as the Brightsign® and NovaStar® multimedia players. This enclosure is compatible with the following Cradlepoint® LTE Routers:

R500 Series - Model: R500-PLTE
IBR600 Series - Model: IBR600B
IBR600 Series - Model: IBR650B
IBR600 Series - Model: IBR600C

IBR600 Series - Model: IBR650C
IBR900 Series - Model: IBR900
IBR900 Series - Model: IBR950

Fan Cooling with Thermostat Control - This enclosure features two 4" vents and a thermostat-controlled cooling fan which helps maintain lower internal temperatures. Rain shrouds keep rainwater from entering the enclosure while allowing ventilation for installed equipment. The fan is wired internally, leaving all 4 power outlets available for installed equipment.
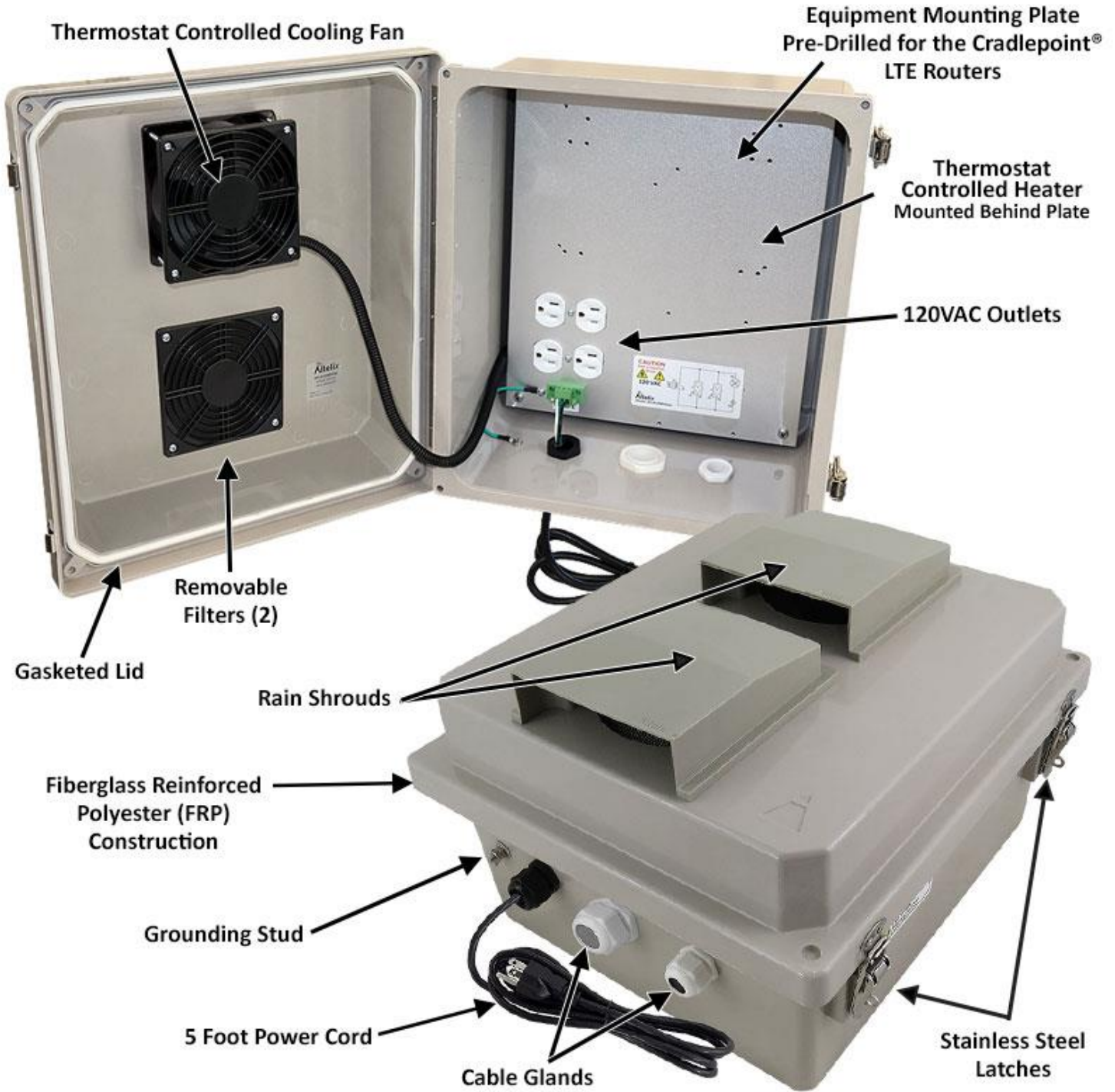
200W Thermostat Controlled Heater - This enclosure is equipped for harsh weather and cold environments. It features a thermostat controlled 200W heating system. The heater is mounted below the equipment plate and wired internally so leaves the interior space and power outlets available for your equipment.

Extreme Protection Built to Last - This rugged JIC style NEMA box is molded from durable UV stable and corrosion resistant fiberglass reinforced polyester (FRP) with a UL94-5V flame rating. The FRP material is dent-proof, non-conductive and RF transparent for compatibility with wireless equipment. It can be easily drilled and modified by the installer as needed. It features a gasketed door with stainless steel continuous hinge and stainless steel quick release latches with padlock hasps.

Cable Glands Allow Pre-Terminated Cables To Be Used - The enclosure features two unique PG-16 cable glands with a closed inner seal. One for a HDMI cable and the other for USB or Ethernet cables. They are installed in the open ports to maintain the NEMA rating of the enclosure when not in use. When required for use, simply punch a hole through the inner membrane, run your cables and tighten for a water-tight seal. Both these cable glands allow pre-terminated HDMI, USB and Ethernet cables to be used.

Mounting - Stainless steel brackets are included for secure wall mounting. Optional flange and pole mounting kits are available.

Product Photos

Thermostat Controlled Cooling Fan

Equipment Mounting Plate
Pre-Drilled for the Cradlepoint®
LTE Routers

Thermostat
Controlled Heater
Mounted Behind Plate

120VAC Outlets

Removable
Filters (2)

Gasketed Lid

Rain Shrouds

Fiberglass Reinforced
Polyester (FRP)
Construction

Grounding Stud

5 Foot Power Cord

Cable Glands

Stainless Steel
Latches

Product Photos

Application Examples
Shown with BrightSign® XD5 Player and NovaStar® TB60 Player

Installed Equipment Shown For Reference, Not Included

Rev A 03/27/24

Specifications

Material	Fiberglass Reinforced Polyester
Color	Gray
Voltage / Max Load	120VAC
Max Load	10A @ 120VAC
Cooling Fan Turn-On Temperature	100°F (38°C)
Cooling Fan Turn-Off Temperature	79°F (26°C)
Heater Turn-On Temperature	43°F (6°C)
Heater Turn-Off Temperature	59°F (15°C)
Heater Power	200 Watts
Outer Dimensions	15.7 x 13.8 x 10.1 Inches (401 x 352 x 258 mm)
Inner Dimensions	13.0 x 11.0 x 5.0 Inches (330 x 279 x 127 mm)
Mounting Plate Material	0.10 in (2.5 mm) Aluminum
Mounting Plate Dimensions	10.9 x 12.8 in. (276 x 324 mm)
Weight	13.4 lbs. (6.1 kg)
Power Cord Length	5 Feet (1.5m)
Terminal Block Wire Range	12-18 AWG
Terminal Block Wire Strip Length	6-7mm
Ratings	NEMA Type 3R, 3RX / IP24
Flame Rating	UL94-5V
Compatible Cradlepoint® Models	R500 Series - Model: R500-PLTE IBR600 Series - Model: IBR600B IBR600 Series - Model: IBR650B IBR600 Series - Model: IBR600C IBR600 Series - Model: IBR650C IBR900 Series - Model: IBR900 IBR900 Series - Model: IBR950