18 x 16 x 10 NEMA Polycarbonate Enclosures
with Heating & Cooling
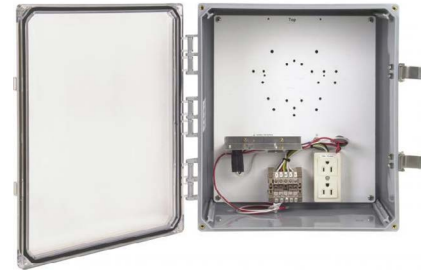
ventev
Connect, Protect, and Enable™

Ventev's polycarbonate heated and cooled enclosure is designed to protect wireless LAN (WLAN) products from environmental threats such as heat, cold, dust, and rain. In addition, they are designed to protect from theft and tampering. These heated and cooled enclosures provide NEMA 3R protection. This affordable solution makes it easy to mount and protect wireless products even in harsh environments. Wi-Fi enclosures are used in nearly all vertical markets where the protection and enhancement of a wireless network is crucial. These rugged enclosures are extremely affordable and are the lightest weight enclosure solution Ventev offers.

Available Models

Enclosure Description	MFG Part #	SKU
With Solid Door and Key Lock	V181610KO-BASICHC	516489
With Solid Door and Locking Latches	V181610LO-BasicHC	543518

Specifications

Size	18 x 16 x10 in.
Weight	9.65 lbs.
Environment	Indoor/Outdoor
Locks	Key Lock/Latch Lock
Door	Solid
NEMA Rating	NEMA 3R
UV Rating	UL F1
Material	Polycarbonate
Color	Gray
Mounting	Wall or Mast
Powered	Yes, AC
Connector	RPTNC
Vented	Yes
Heated	Yes
Cooled	Yes

Features & Benefits

- Enclosure houses a pre-set thermostat.
- Fan turns on at 35°C (95°F) and turns off at 30°C (86°F).
- Heater turns on at 10°C (50°F) and turns off at 20°C (68°F).
- Power consumption of Fan: ~0.1 amp.
- Power consumption of Heater: ~0.05 amp.
- The 50 W heater requires 120 VAC.
- Equipped with vents and filters that can be serviced in the field.
- Protects RF equipment from elements, theft, and tampering.
- Supports all major wireless vendors, includes standard universal mounting plate, pre-drilled holes for jumpers/bulkhead.
- Can be mounted indoors or outdoors.
- Heated and cooled enclosures provide NEMA 3R protection.
- Furnished hardware kit includes panel mounting screws and grounding hardware.
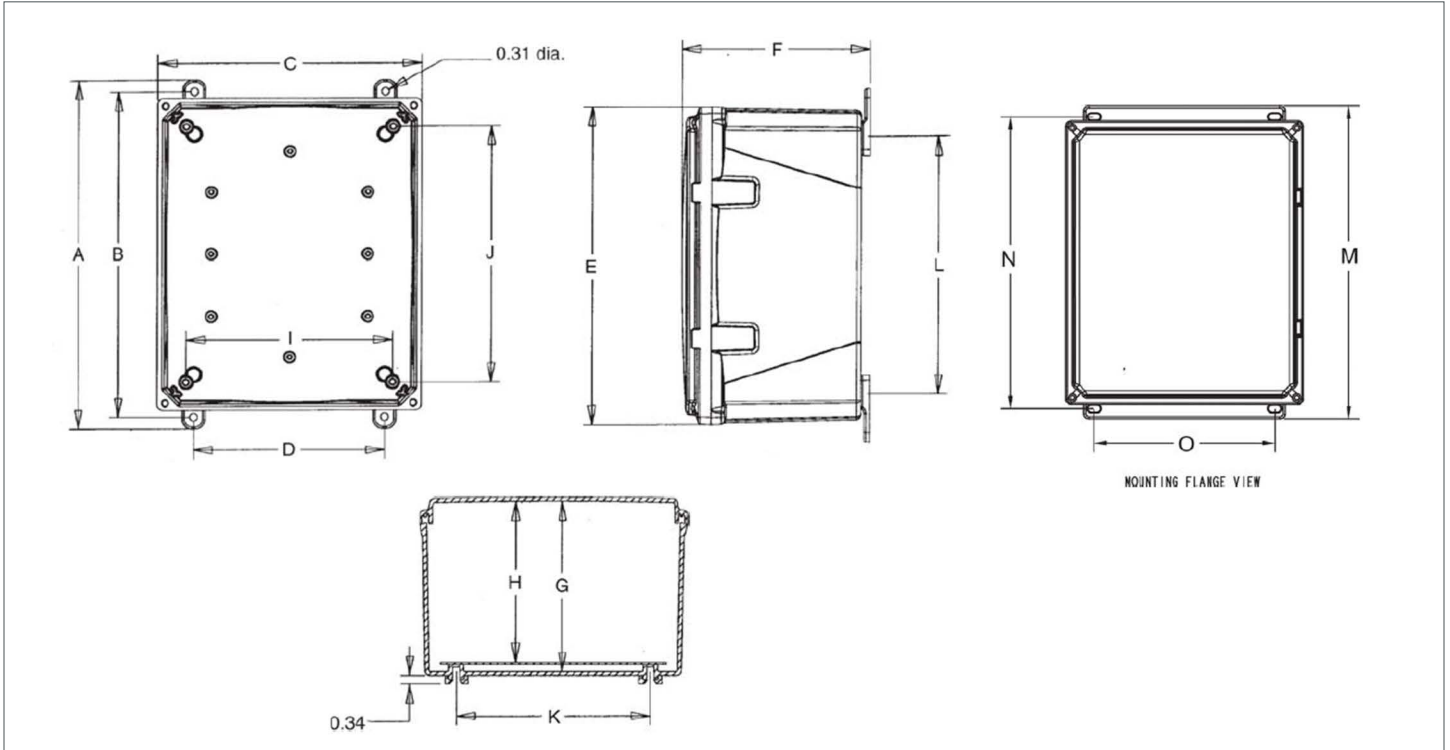- Additional accessories are available.

All product specifications are subject to change without notice or obligation.

RoHS

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VENTEV LOGO

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Enclosure Information

MOUNTING FLANGE VIEW

Enclosure Size	A	B	C	D	E
	19.56 in.	18.75 in.	17.75 in.	14.00 in.	19.00 in.
	F	G	H	I x J	K
18 x 16 x 10 in.	11.50 in.	11.00 in.	10.50 in.	14.25 x 16.25 in.	14.00 in.
	L	M	N	O	Panel Size
	15.25 in.	19.71 in.	18.71 in.	14.16 in.	16.75 x 14.88 in.

Available Accessories

- Pole Mount Kit
- Custom Jumpers
- NEMA Plug
- Lightning Protection
- Replacement Keys
- Additional Power Receptacle

A Overall length with mounting feet
B Mounting feet hole spacing/length
C Overall width
D Mounting feet hole spacing/width
E Overall enclosure length
F Overall enclosure height
G Internal height
H Internal height above backplate

I Internal panel mounting boss width
J Internal panel mounting boss length
K Mounting feet attachment boss width
L Mounting feet attachment boss length
M Overall length with mounting flange
N Mounting flange hole spacing/length
O Mounting flange hole spacing/width

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RoHS