

Indoors or Outdoors - We've Got You Covered!

Temperature Controlled Enclosures

Protect your electronics and control their environment!



FC Series

NEMA 3R outdoor enclosures with UL Listed fans, filters, and thermostats

BW-124-8-FC

24"W x 24"H x 8"D with a 115V, 131 cubic-foot/min. fan and thermostat

BW-124FC

24"W x 24"H x 12"D with a 115V, 300 cubic-foot/min. fan and thermostat

BW-136FC

24"W x 36"H x 12"D with a 115V, 300 cubic-foot/min. fan and thermostat

BW-RACKFC

22"W x 12RU H x 24"D with a 120V, 300 cubic-foot/min. fan, thermostat, and an internal 19" rack

BW-FC16147

16"W x 14"H x 7"D non-metallic, with a 115V, 81 cubic-foot/min. fan and thermostat

BW-FC181610

18"W x 16"H x 10"D non-metallic, with a 115V, 81 cubic-foot/min. fan and thermostat

NEW BW-FC20168

20"W x 16"H x 8"D non-metallic, with two 115V, 81 cubic-foot/min. fans and thermostat

BW-FC242410

24"W x 24"H x 10"D non-metallic, with two 115V, 81 cubic-foot/min. fans and thermostat



Add a "W" at the end of these part numbers for an optional window in the door.

ACE Series

NEMA 4 outdoor enclosures with UL Listed air-conditioners, filters, and thermostats

BW-124-8-ACE

24"W x 24"H x 8"D with an 800 BTU AC unit

BW-124ACE

24"W x 24"H x 12"D with a 2000 BTU AC unit

BW-136ACE

24"W x 36"H x 12"D with a 2000 BTU AC unit

BW-RACK-8-ACE

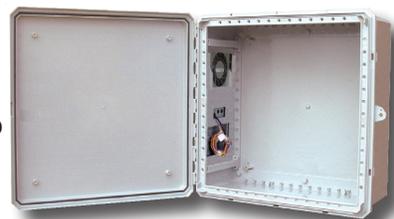
22"W x 12RU H x 24"D with an 800 BTU AC unit and an internal 19" rack

BW-RACKACE

22"W x 12RU H x 24"D with 2000 BTU AC unit and an internal 19" rack

BW-242410ACE

Polycarbonate, non-metallic enclosure, 24"W x 24"H x 10"D with a 800 BTU AC unit



Add a "W" at the end of these part numbers for an optional window in the door.

NOTE: DO NOT MOUNT enclosures equipped with air-conditioners on walls of apartments, offices, condos or homes due to slight vibration from the AC unit, which might become a nuisance to those who live/work on the other side of the wall. Mier recommends mounting these units on concrete pads using vertical struts of angle-iron or poles, or mounting on walls not common to living/work areas.

The Benefits of E-Coat BW-ECOAT is standard on the ACE Series, and is an accessory for all other units. It is a protective layer under the paint that further helps prevent corrosion for installations near coastal areas or other highly corrosive environments. E-Coat is the same black coating you see outdoor fences or the rails of your car seat. NOTE: Polycarbonate Enclosures are already NEMA 4X and do not need E-Coat

Protection from Vandals and Mother Nature!



ACHT Series

NEMA 4 outdoor enclosures with UL Listed air-conditioners, heaters, filters, and thermostats

BW-124-8-ACHT

24"W x 24"H x 8"D with an 800 BTU AC unit and 150W heater

BW-124ACHT

24"W x 24"H x 12"D with a 2000 BTU AC unit and 500W heater

BW-136ACHT

24"W x 36"H x 12"D with a 2000 BTU AC unit and 500W heater



Add a "W" at the end of these part numbers for an optional window in the door.

BW-RACK-8-ACHT

22"W x 12RU H x 24"D with an 800 BTU AC unit, 150W heater, and an internal 19" rack

BW-RACKACHT

22"W x 12RU H x 24"D with 2000 BTU AC unit, 500W heater, and an internal 19" rack



BW-242410ACHT

Polycarbonate enclosure, 24"W x 24"H x 10"D, with a 800 BTU AC unit and 150W heater



Don't see the enclosure you need? Call or e-mail us and we'll be happy to help!

Also Available:

- * **BP Series** - Enclosures with back panels. Some of these are NEMA 4 and can be used with one of Mier's accessory heater/blowers if you only want heat.
- * **Non-Metallic Series** - NEMA 4X & UL listed polycarbonate enclosures (some models rated up to NEMA 6/6P). These are also available with heater/ blowers if you only want heat.
- * **Indoor DVR/CPU Lockboxes** - Indoor standard, tower, rack-mountable, 12RU rack-enclosure, and 12RU rack-cart models. All lockboxes come with fans and louvers for ventilation

ATTENTION: When choosing an enclosure for your application, careful consideration must be given in determining the heat load and operating temperature parameters of the electronics mounted within. Also consider the conditions of the environment where the unit is to be mounted, and the moisture toleration of the electronics mounted within. Based on these facts, the need for air-conditioning, humidity control, heat, and/or fans can be determined as well as the NEMA rating needed. (For example, if the electronics cannot be exposed to moisture of any kind, a NEMA 3R fan-ventilated unit would NOT work; you would need at least a NEMA 4 or NEMA 4X unit.) Mier commonly recommends the highest NEMA rated and most effective Temperature Controlled units which are the **"ACHT" series enclosures**.

NOTE: To keep NEMA Rating, installers must strictly follow OEM installation instructions and must use water-tight fittings on all openings.



Indoor & Outdoor Electrical Enclosures | Drive-Alert Vehicle Detection & Asset Protection Systems | Custom Fabrication

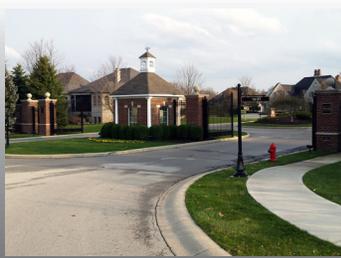
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Mounting Examples for Mier Products'

TEMPERATURE CONTROLLED ENCLOSURES



Mounted inside the gate-house at a gated community



Along a gate using metal tubing to run wiring from one enclosure to another



Wall-mount



Rack Enclosure mounted on a wall



Using metal tubing or angle-iron and a concrete slab



Installer made mounting surface



Using metal tubing and angle-iron



Pole-Mount Kits available for our enclosures to be mounted on 4" to 14" poles. Call us and specify the enclosure you want to use, and the pole size, for help choosing the correct pole-mount kit.



NOTE: Do Not Mount On Apartment/Condo/Office Walls

Home and office AC units are mounted a few feet away from a home or on the roof of an office building in order to avoid vibration noise from becoming a nuisance to those who live/work within. For that same reason, Mier recommends installers mount our temperature-controlled enclosures on concrete slabs with angle-iron or poles as pictured, or on walls that are not common to living or office space.

Our engineers recommend the following options around **RGS fittings** in holes installers might cut into the enclosures, in order to keep NEMA ratings:

- If not using conduit or flex-cable, and running your cords directly into the enclosure, we recommend drilling your holes in the bottom of the enclosure and using a Heyco fitting appropriate for your specific cord size, and able to fit in our 3/16" enclosure wall thickness. These fittings can be found at: http://www.heyco.com/Liquid_Tight_Cordgrips/index.cfm
- If you are using conduit or flex-cable, we recommend drilling your holes in the bottom of the enclosure and using an appropriate fitting such as:
 - SealCon DS21AA-BK = 3/4" Liquid-Tight Conduit Fitting with DOUBLE Lock - <http://www.sealconusa.com/conduit/product/double-seal.html>
 - SealCon ST21NA-BK = 3/4" Liquid-Tight Conduit Fitting with SINGLE Lock - <http://www.sealconusa.com/conduit/product/condsttwist-npt.html>
 - McMaster Carr 7119K13 = 3/4" Liquid-Tight Conduit Fitting/Heavy-Duty - <http://www.mcmaster.com/#7119k13/=vg864m>

Mier Products' Temperature Controlled Enclosures Installation and Warranty Information

URGENT!

The AC UNIT which accompanies this enclosure **MUST BE KEPT IN THE UPRIGHT POSITION AT ALL TIMES**, and handled with the utmost care during shipping, storage, installation. The AC UNIT must be mounted to the enclosure using the pre-cut holes and supplied gaskets. The AC UNIT must be installed in the upright position, and following OEM instructions in order to maintain NEMA rating.

ATTENTION:

WATERTIGHT FITTINGS MUST BE USED ON ALL OPENINGS!
When installed properly per OEM's specs:
* AC Unit is UL/cUL 50 Type 3R, 4, 12, CE UL file SA6453
* Enclosure meets NEMA 4 Standards
* Paint meets NEMA 4, UL-1332
* Gasket meets NEMA 4, UL-50, UL-844, & FMVSS302
Flammability & Code Compliance
* Tamper Switch is UL Pending

Keep in mind, depending on the model you purchase, some ACE or ACHT units have less or more cubic volume inside.

Units with the 2000 BTU A/C Unit, and units with the 500 Watt Heater (aka: T-20s) - with an internal heat load of 200 watts:

- Mier's "ACHT" and "ACE" models which come with a 2000 BTU A/C Unit, when installed and functioning properly, will maintain an internal preset temperature of (+/- 3° F). For example the BW-124ACE (enclosure size 24"W x 24"H x 12"D) is capable of maintaining an 80° F internal temperature (+/- 3° F) up to an outside temperature of 135°F.
- Mier's "ACHT" models which come with a 500W Heater integrated into the A/C unit, when installed and functioning properly, will maintain an internal temperature (+/- 3° F). For example the BW-124ACHT (enclosure size 24"x24"x12") maintains a preset temperature (+/- 3° F) up to a maximum of up to 60° F with an outside temperature of -20° F. The BW-136ACHT (enclosure size 24"x36"x12") maintains a preset temperature (+/- 3° F) up to a maximum of up to 60° F with an outside temperature of -10° F.

Units with the 800 BTU A/C Unit, and units with the 150 Watt Heater (aka: T-15s) - with an internal heat load of 100 watts:

- Mier's "8ACHT" and "8ACE" models which come with the smaller 800 BTU A/C Unit, when installed and functioning properly, will maintain an internal preset temperature (+/- 3° F). For example the BW-1248ACE (enclosure size 24"x24"x8") is capable of maintaining an 80° F internal temperature (+/- 3° F) up to an outside temperature of 125°F.
- Mier's "8ACHT" models which come with a 150W Heater integrated into the A/C unit, when installed and functioning properly, will maintain an internal temperature (+/- 3° F). For example the BW-1248ACHT (enclosure size 24"x24"x8") maintains a preset temperature (+/- 3° F) 40° F internal temperature down to an outside temperature of -20°F.

- * **DO NOT MOUNT** enclosures equipped with air-conditioners on walls of apartments, offices, condos or homes. Typical A/C vibration can become a nuisance to those who live/work on the other side of the wall.
- * If your installation is in warmer or cooler exterior environments, or if your internal heat load is greater, or if you are installing in a coastal or highly corrosive area call Mier Products for advice on special order units
- * Mier recommends only installing units with window in shaded areas; as interior temps of these units reach 20° higher in direct sunlight than units without windows
- * Remember to schedule maintenance of Air-Filters which **MUST BE CLEANED PERIODICALLY**
- * The unit with the **MOST COOLING AND HEATING PER CUBIC INCH**, and most highly recommended, is the "BW-124ACHT"

Mier's Temperature Controlled Enclosures are completely sealed with no knockouts or holes in the enclosure other than those for mounting the AC unit. When installed correctly with the AC unit they meet NEMA 4 standards and may be used either indoors or outdoors, and provide a degree of protection to personnel against incidental contact with the enclosed equipment, and they provide a degree of protection for the equipment within from windblown dust, splashing water, hose-directed water, rain, sleet, snow, ice, & dirt.

- This enclosure is properly installed when the top & bottom mounting ears are flush against the wall or mounting struts, and held securely with appropriate bolts, and the hinges face to the *left* after the enclosure has been mounted
- Watertight fittings must be used on all openings created by the installer. The door-gasket provided around the opening of the enclosure must remain in place and never be removed.
- The AC/Heater unit must be mounted with the provided gaskets installed between the AC/Heater unit and the enclosure, using the appropriate pre-cut holes on the enclosure, and strictly following the unit's OEM installation guidelines. Once attached, these AC/Heater gaskets must also remain in place and never be removed
- The tamper switch should be mounted on the studs at the top of the enclosure
- **If you have ANY questions regarding the installation of these products, call Mier Products at 1-800-473-0213**

Power:

Once installed correctly, the power cords for the AC unit and the heater are within the enclosure. Thus, the installer/electrician is responsible for getting power inside the enclosure. It is up to the installer to cut, and properly install with water-tight fittings, any holes needed to run power within or run cables out of these enclosures.

Both the AC unit and the heater get their **power** from **AC 115V, 60hz**. Mier recommends the installer/electrician run power into the box **via flexible or rigid conduit, with water-tight fittings, to outlet boxes mounted within the enclosure.**

Wiring: use #12 AWG standard house wiring to a quad outlet box

Connection: the AC/Heater unit has a standard 3-prong NEMA 5-15P plug and the tamper switch connects to the standard low-voltage alarm circuit.

For ON-SITE inspection & repair of A/C units, or A/C Tech Support, call McLean Customer Service at 763-422-2277

In the case of Temperature Controlled Enclosures, units needing repair are repaired onsite and should not be removed. In the rare case these units would be returned, the returnee **must first obtain an RMA#, follow the strict shipping and packaging guidelines.** The enclosures and AC Units must be shipped on their own skid, and within the original packaging. **REMEMBER: The AC Unit must be kept upright at all times.**



Mier Products' Temperature Controlled Enclosures Installation and Warranty Information

***** AC/Heater Units Must be kept upright at all times or damage to cooling system may result *****

2000BTU & 800BTU AC Units with compressor coil heater and thermostats with variable controls for both cooling or heating

- * Power: 115V, 60hz
- * Amp Draw: 2000 BTU draws 7 amps with initial start-up spike of 17.5 amps.
800 BTU draws 3.8 amps with initial start-up spike of 8.5 amps.
- * Dimensions: 2000 BTU unit is 10"W x 20"H x 10"D ---- Weight: 63 lbs
800 BTU unit is 7.5"W x 15.75"H x 7.25"D ---- Weight: 27 lbs
- * Mounts: Slips into pre-punched holes on enclosure (Note: install gasket first)
- * Min/Max Temp: -40/131 degrees F (-40/55 degrees C)
- * Maintenance: *****Clean the air filter every six months minimum*****



Mier's outdoor enclosures are designed to provide a degree of protection against rain, sleet, snow, ice, dirt, and dust.

500 Watt & 150 Watt Heaters

- * Power: 115V, 60hz
- * Amp Draw: 500-watt heater draws 4.5 amps, 150-watt heater draws 1.5 amps

Tamper Switch - Plunger style includes both NC and NO contacts

ENCLOSURE WARRANTY:

Mier Products, Inc.'s Limited Warranty Program, for Standard Line or Custom Enclosures and Parts, protects the original owner for 30 days from the date of purchase against defects in original parts or workmanship. Mier Products, Inc. agrees to repair or replace parts (Mier's option) that are deemed defective by our Quality Control Team, without charge for parts or labor, if the defective unit is returned prepaid to Mier Products, Inc., Kokomo, IN, within the 30-day period.

Enclosures and fabricated parts are not products containing complicated technology or electronics, so close inspection at the time of receipt by the customer will quickly determine product quality. Thus, Mier Products, Inc. recommends inspection of enclosures/parts immediately upon receipt and contacting Mier Products, Inc. if quality issues arise.

Mier Products, Inc. does not assume responsibility for claims or damages caused by improper installation or use of these products, accessories, and/or products connected to or stored within them. Mier Products, Inc. does not assume responsibility for damages to these products or their accessories due to shipping damage or damage occurring while in a customer's warehouse and/or possession. These products and any accessories (including but not limited to air conditioning units, heaters, fans, filters, locks, latches, tamper switches, removable panels) must be shipped, handled, stored, and installed with strict adherence to OEM installation instructions.

This warranty constitutes the entire warranty with respect to Mier's Drive-Alert Models and Accessories and IS IN LIEU OF ALL OTHERS, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OR MERCHANTABILITY AND WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND IN NO EVENT IS MIER PRODUCTS, INC., OR IT'S DISTRIBUTOR, DEALER, OR OEM PARTNERS, RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER.

Any warranty OR sales questions should be directed to Mier Products at 800-473-0213, or via e-mail to info@mierproducts.com

Any repair work not covered by this Warranty is available for a nominal charge.

AIR-CONDITIONER, HEAT EXCHANGER, AND FILTER WARRANTY

Mier Products exclusively uses McLean Thermal (Mier's business partner for the heating and cooling systems used in Mier's Temperature Controlled Enclosures) air-conditioners and heating units. The following warranty information was taken from McLean Thermal's warranty policy (10-1008-196 rev 5) for your information. All AC and Heater units come with a McLean Thermal instruction manual with warranty information included. That information, shipped with each McLean Thermal unit, supercedes what is written here:

Synopsis of McLean Thermal Warranty

Please note: Warranty effective at time of shipment.

McLean Thermal warrants that all material and workmanship are free of defects in quality which impair the usefulness of the air conditioner or heat exchanger for a period of five (5) years for non-operating parts, except for the filter; and for one (1) year for everything else when installed and operated under the following conditions:

- Maximum voltage variation no greater than plus or minus 10% of nameplate nominal rating.
- Maximum frequency variation no greater than plus or minus 3 Hz. of nameplate nominal rating.
- Must not exceed minimum and maximum stated temperatures on the nameplate.
- Not to exceed (BTU/Hr.) rating, including any heat sink, as indicated on the nameplate.
- The unit must not be restarted for a period of one (1) minute after intentional or accidental shut-off.

(This does not apply to heat exchanger or filter fan.)

McLean Thermal warrants that all material and workmanship are free of defects in quality which impair the usefulness of the filter fan package and all custom air conditioners and heat exchangers for a period of one (1) year, except for the filter, when installed and operated under conditions A, B, C and D above.

Not covered in this warranty is damage to the air conditioner or heat exchanger due to the introduction of other than the nameplate-designated refrigerant.

Operation of any McLean Thermal product that has not been designed with proper protective coatings and/or options and is in an abnormal or corrosive environment voids the warranty.

*****Prolonged operation with dirty filters also voids the warranty*****

Should any part prove defective within the above warranty period, the customer may choose to return the defective product that is under warranty to McLean Thermal for repair at no charge or the customer has the option to repair the defective products at his own expense and McLean Thermal will supply repair parts at no charge providing the defective part is returned and found to have failed under warranty. Parts supplied as warranty replacement parts will assume the balance of the warranty on the part returned for warranty consideration.

Please be advised: According to the Federal Register, no person maintaining, servicing, repairing, or disposing of appliances may knowingly vent or otherwise release into the environment any class I or class II substance used as refrigerant.

McLean Thermal assumes no liability beyond the repair or replacement of its own product. Customer modification of McLean products voids the warranty. The purchaser assumes the responsibility of grounding the unit and installing it in accordance with local electrical and safety codes, as well as the National Electric Code (NEC) and OSHA.



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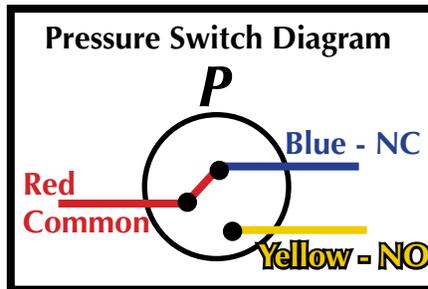
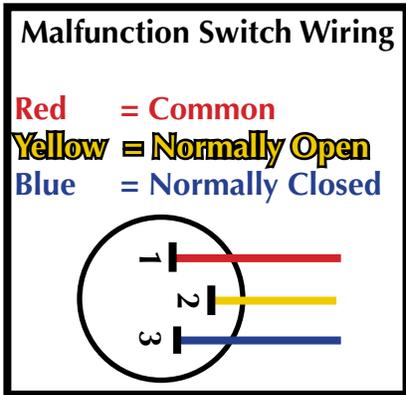
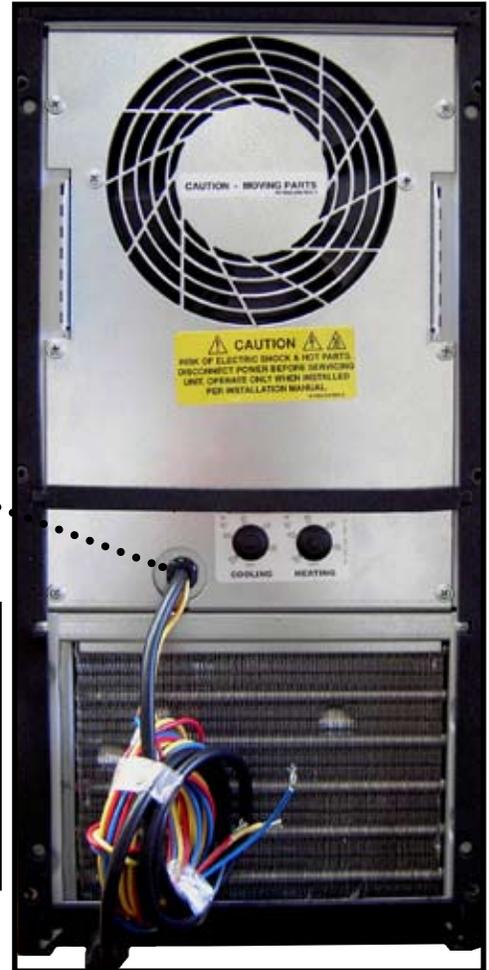
Malfuction Switches on Air-Conditioners and Combo Air-Conditoner/Heater Units

Many of the air-conditioners and combination air-conditioner/heater units have optional Malfuction Switches in them, that are controlled by the red, yellow, and blue wires that exit the AC unit with the power-cord.

External facing surface



Internal facing surface



Units with the optional Malfuction Switch have a normally open connection between the red and yellow wires, and a normally closed connection between the red and blue wires. If a malfuction would occur, the red and yellow wires will be closed and the blue and red wires will be open.

Maximum electrical ratings for this switch are 13 amps for 120V AC models and 10 amps for the 240V AC models.

The malfuction switch on the air conditioner is a pressure switch. It is plumbed into the high pressure side of the hermetic system. In a typical application, the malfuction switch is not wired to control any component of the air conditioner, rather it is an independent switch designed to actuate a customer supplied alarm of some type. There is no power supplied to the malfuction switch, it requires both a power source and an alarm (light, buzzer, bell, etc.) to be of any use.

The pressure and temperature are relative in refrigeration circuits. Therefore when the temperature goes up then the system pressure will go up also. Typically the temperature in the system will go up when the filter is clogged, the condenser blower is not operating, or the condenser coil is obstructed. The malfuction switch will close the contact which can then send a signal to the customer supplied alarm device.

The overload on the air conditioner is a bi-metal klixon switch through which the power to the compressor flows. If the compressor gets too hot, the overload opens the circuit, shutting off the compressor. When the switch cools down again, it closes the contact and allows the compressor to run again.

Pole-Mount Kits for 24" Wide METAL enclosures on 2"-5" Poles

Example of a Pole-Mount Kits for 2" to 5" diameter poles



ATTENTION: THERE IS NO NEED TO DRILL HOLES INTO THE ENCLOSURES TO MOUNT THE POLE-MOUNT KITS. PLEASE SEE INSTRUCTIONS BELOW.

- For poles that are 2" in diameter up to 5", our Pole-Mount Kits use two (2) rails across the top and bottom of the enclosure and fit between the enclosure and the pole, and four (4) pole-brackets that go around the pole (two on bottom and two on top) which are tightened down for a secure fit. (see next page for 6" to 12" poles)

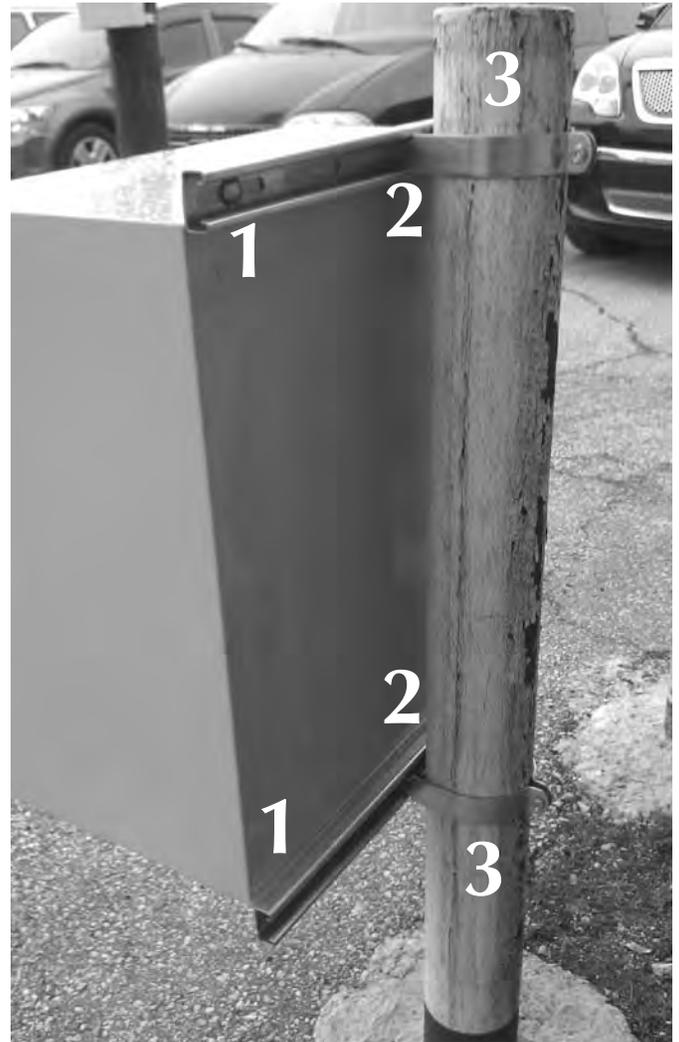
Part numbers for these kits are the BW-24PM2 (2" pole), BW-24PM3 (3" pole) and BW-24PM4 (4" - 5" poles)

Mier Recommends using at least two people to pole-mount heavy enclosures, and performing steps 1-2 PRIOR to going to job site.

1) Attach the two (2) rails to the enclosure by placing them flat against the Mounting Brackets on top and bottom of the enclosure, corresponding to the mounting holes. Then place the 3/8 x 16 Bolts through the Rails and the holes in the enclosure Mounting Brackets. Secure with the 3/8" Washers on the outside and 3/8 x 16 Flange-Nuts on the inside.

2) Twist and insert the four (4) pole-brackets into the two rails. Two of these brackets go in the top rail, and two go in the bottom rail with the curved sections facing inwards towards each other to wrap around the pole (see photo):

3) Wrap the pole-brackets around the pole, insert the attachment bolts, secure and tighten with the lock-nuts.



These pole-mount kits are used with the following Mier Products Enclosures:

BW-1248BP, BW-1248FC, BW-1248ACE, BW-1248ACHT, BW-124BP, BW-124FC, BW-124ACE, BW-124ACHT, BW-136BP, BW-136FC, BW-136ACE, BW-136ACHT, BW-RACKACE and BW-RACKACHT



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info@mierproducts.com



Pole-Mount Kits for 24" Wide METAL enclosures on 6"-12" Poles



ATTENTION: THERE IS NO NEED TO DRILL HOLES INTO THE ENCLOSURES TO MOUNT THE POLE-MOUNT KITS. PLEASE SEE INSTRUCTIONS BELOW.

- For poles that are 6" in diameter to 12", our Pole-Mount Kits use two (2) heavy-duty adjustable bands which fit inside the rails across the top and bottom of the enclosure and fit between the enclosure and the pole as pictured on the left and below.

Part numbers for these kits are the BW-24PM6 (6" to 8" poles), BW-24PM8 (8" to 10" poles) and BW-24PM12 (10" to 12" poles)

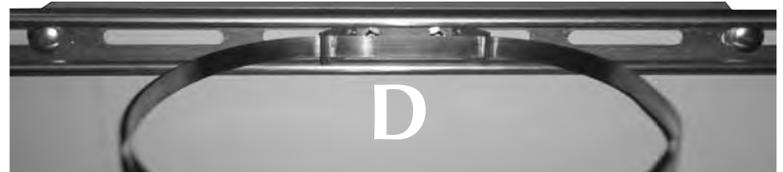
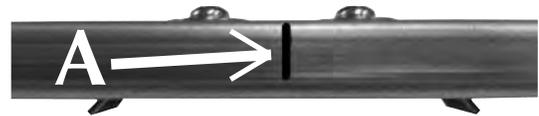
Mier Recommends using at least two people to pole-mount heavy enclosures, and performing steps 1-4 PRIOR to going to job site.

- 1) Mark the center point of each Mounting Rails (A).
- 2) Slide the Adjustable Band Guides inside both Mounting Rails, and center them to the point marked on step 1 (B).
- 3) Place the 1/4" x 20 Screws and 1/4" Washers on the outside of the Mounting Rails, run the bolts through the Mounting Rails and Adjustable Band Guides, and secure with the 1/4" x 20 locknuts on the inside (C and B).
- 4) Insert the two (2) Heavy-Duty Adjustable Bands into the two (2) Adjustable Band Guides inside the Mounting Rails. The bands should curve outwards, away from the inside of the Mounting Rails. One (1) of these Heavy-Duty Adjustable Bands goes in each of the Adjustable Band Guides assembled inside each of the Mounting Rails (D).
- 5) Attach the two (2) assembled Pole-Mount Rails onto the two (2) Mounting Lips of the Enclosure using the four 3/8" x 16 Carriage Bolts entering through the inside of the Mounting Rail, use TWO (2) of the eight 3/8" EXTRA THICK Washers ON EACH bolt between the rail and the enclosure lip for proper spacing, then use the 3/8" Standard Washers on the outside of the Enclosure Lip with the 3/8" flange-nuts (E).

- 6) Wrap the bands around the pole and use a power driver with a straight blade screw-driver, or a 3/8" socket fitting, to tighten the bands securely around the pole (F).

These pole-mount kits are used with the following Mier Products Enclosures:

BW-1248BP, BW-1248FC, BW-1248ACE, BW-1248ACHT, BW-124BP, BW-124FC, BW-124ACE, BW-124ACHT, BW-136BP, BW-136FC, BW-136ACE, BW-136ACHT, BW-RACKACE and BW-RACKACHT



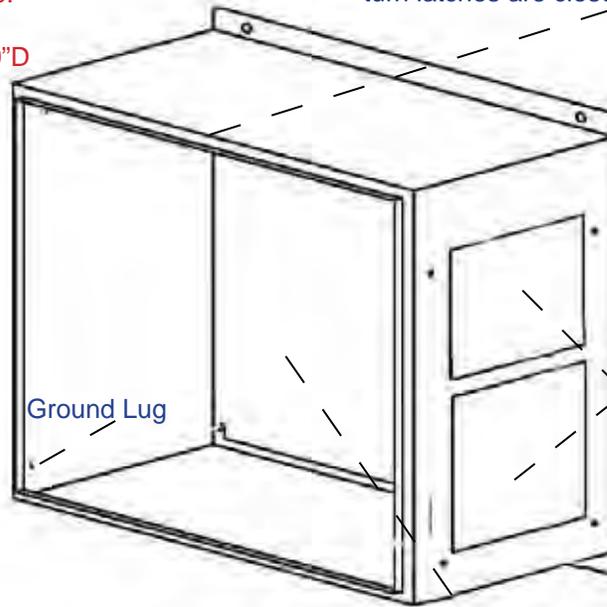
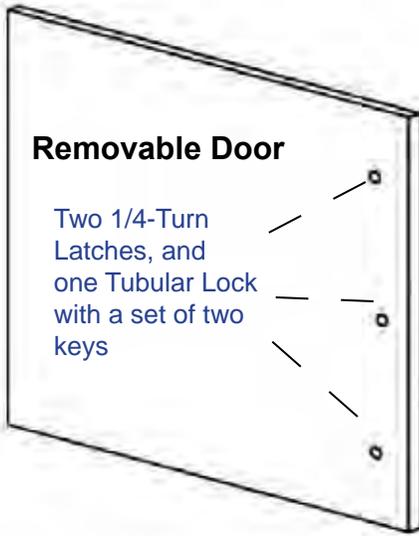
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Dimensions and Weight

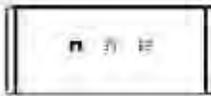
- Outside dimensions *without* AC attached: 24.8"W x 26.5"H x 8.8"D
- Outside dimensions *with* AC unit attached are: 32"W x 26.5"H x 8.8"D
- Inside dimensions are: 23.9"W x 23.9"H x 7.9"D
- Internal back panel dimensions: 22"x22"
- Enclosure with back panel weighs 54 lbs
- AC unit weighs 32 lbs
- Shipping skid weighs 45 lbs

Rain-Channel and bulb-seal gasket for a tight fit with the door when the two 1/4-turn latches are closed

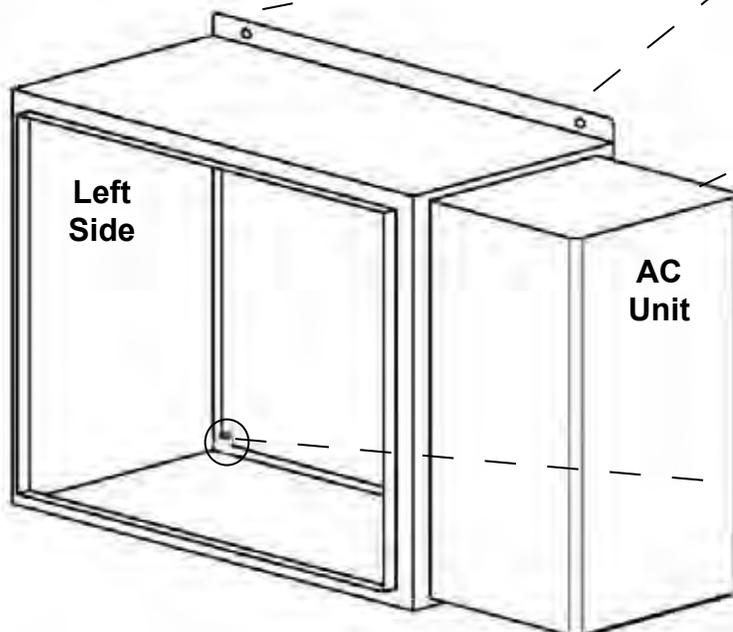


Removable Back Panel
22" x 22" sits on 4 standoffs

Literature Tray with key tabs for 3 sets of keys located on the inside of the door

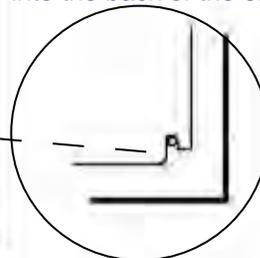


External 0.580" mounting hole dimensions are: 20" center-to-center from left to right and 25 3/8" center-to-center from top to bottom



BW-1248ACE and BW-1248ACHT with AC unit or AC & Heater unit attached on the right-hand side

Easily mount the removable back panel on the 1" standoffs welded into the back of the enclosure



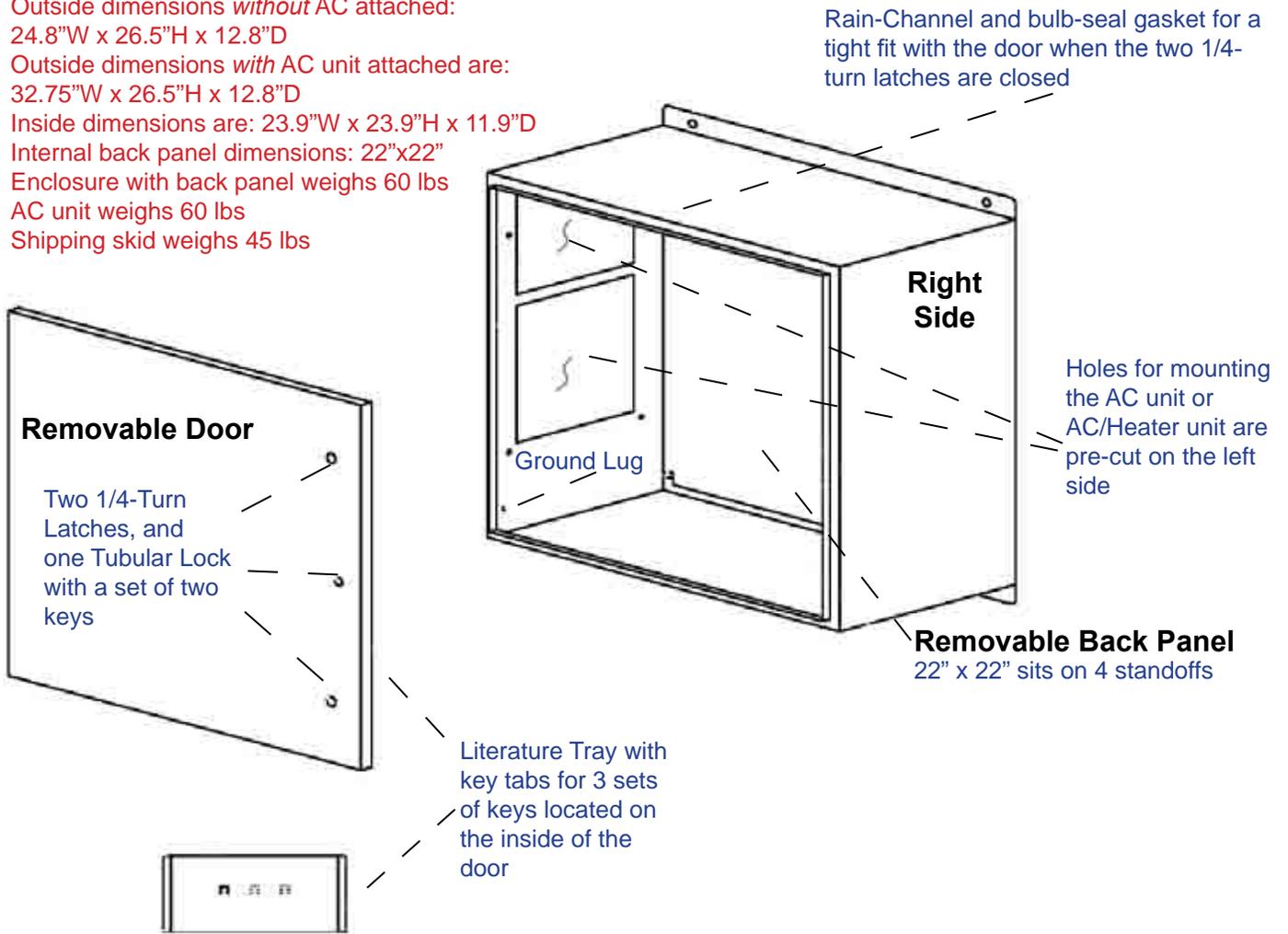
Mounting options

- Wall-Mount
- Free-Standing using angle iron and a concrete slab (pictured)
- Pole-Mount using angle iron



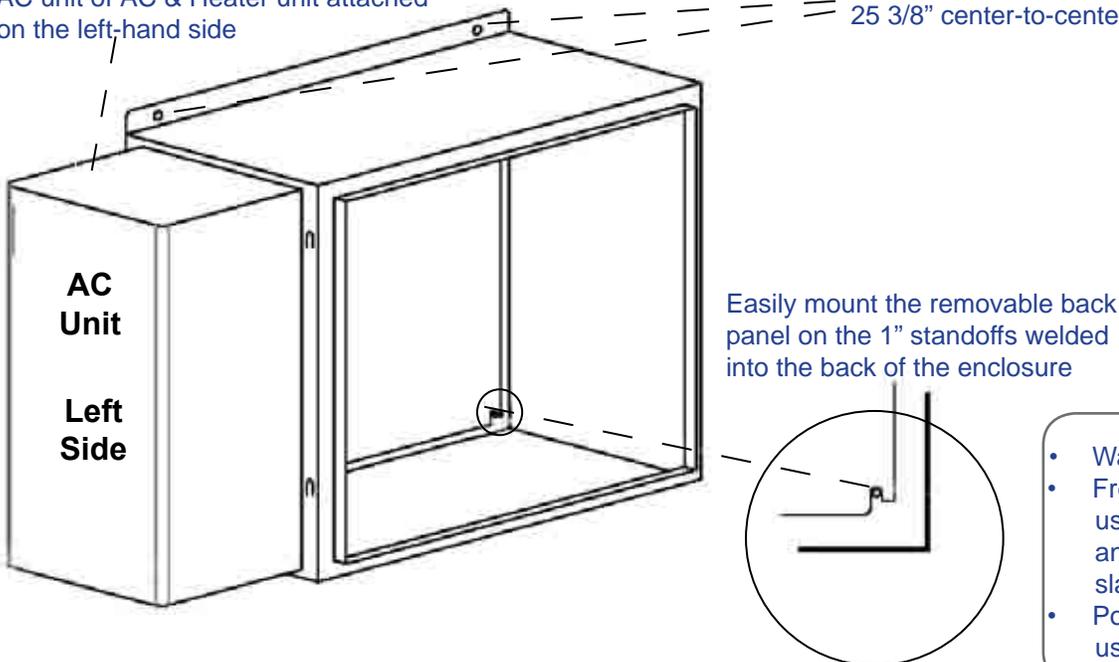
Dimensions and Weight

- Outside dimensions *without* AC attached: 24.8"W x 26.5"H x 12.8"D
- Outside dimensions *with* AC unit attached are: 32.75"W x 26.5"H x 12.8"D
- Inside dimensions are: 23.9"W x 23.9"H x 11.9"D
- Internal back panel dimensions: 22"x22"
- Enclosure with back panel weighs 60 lbs
- AC unit weighs 60 lbs
- Shipping skid weighs 45 lbs



BW-124ACE and BW-124AHT with AC unit or AC & Heater unit attached on the left-hand side

External 0.580" mounting hole dimensions are:
20" center-to-center from left to right and
25 3/8" center-to-center from top to bottom



Mounting options

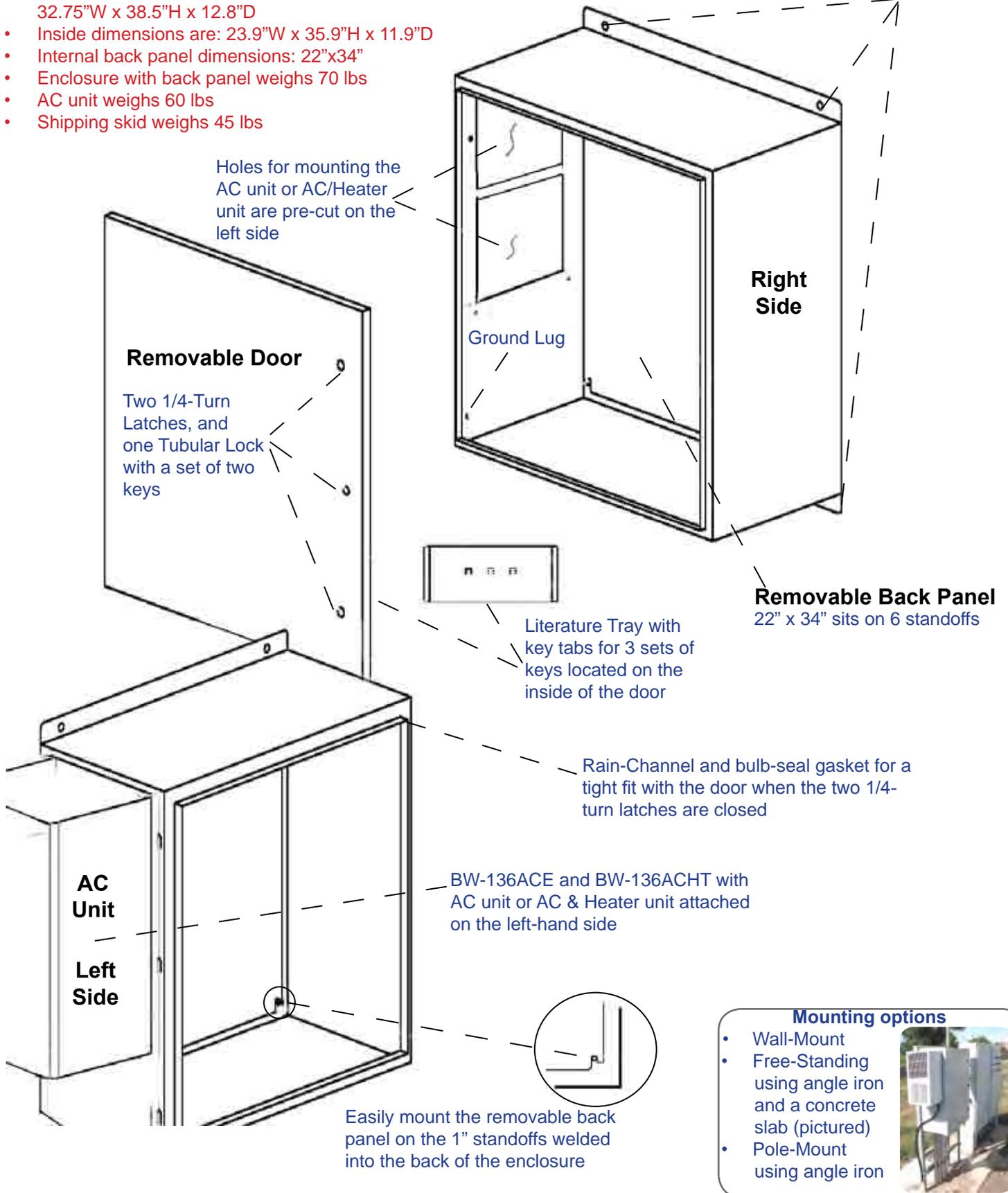
- Wall-Mount
- Free-Standing using angle iron and a concrete slab (pictured)
- Pole-Mount using angle iron



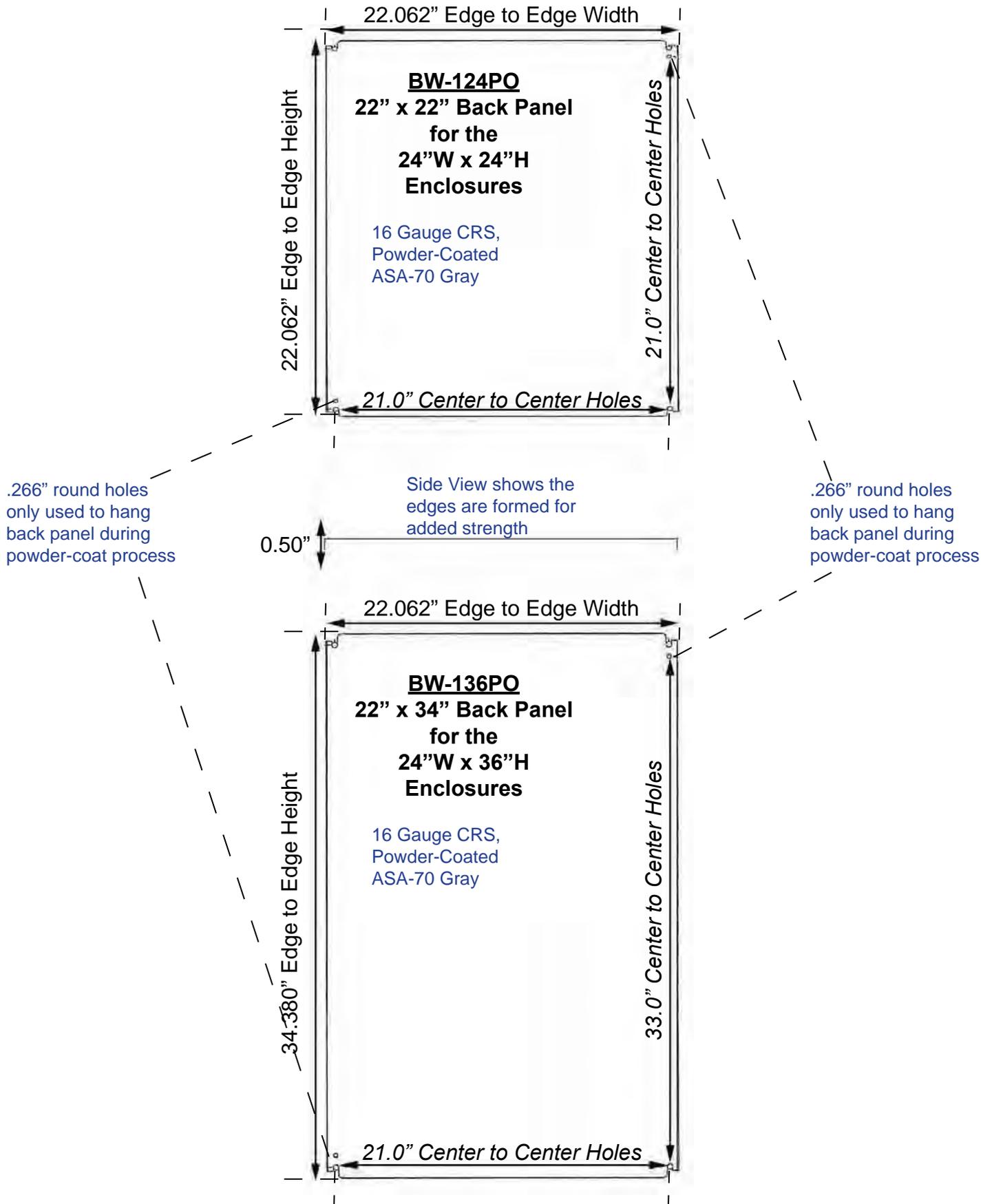
Dimensions and Weight

- Outside dimensions *without* AC attached: 24.8"W x 38.5"H x 12.8"D
- Outside dimensions *with* AC unit attached are: 32.75"W x 38.5"H x 12.8"D
- Inside dimensions are: 23.9"W x 35.9"H x 11.9"D
- Internal back panel dimensions: 22"x34"
- Enclosure with back panel weighs 70 lbs
- AC unit weighs 60 lbs
- Shipping skid weighs 45 lbs

External 0.580" mounting hole dimensions are: 20" center-to-center from left to right and 37 3/8" center-to-center from top to bottom



Back Panels for 24" x 24" and 24" x 36" Enclosures

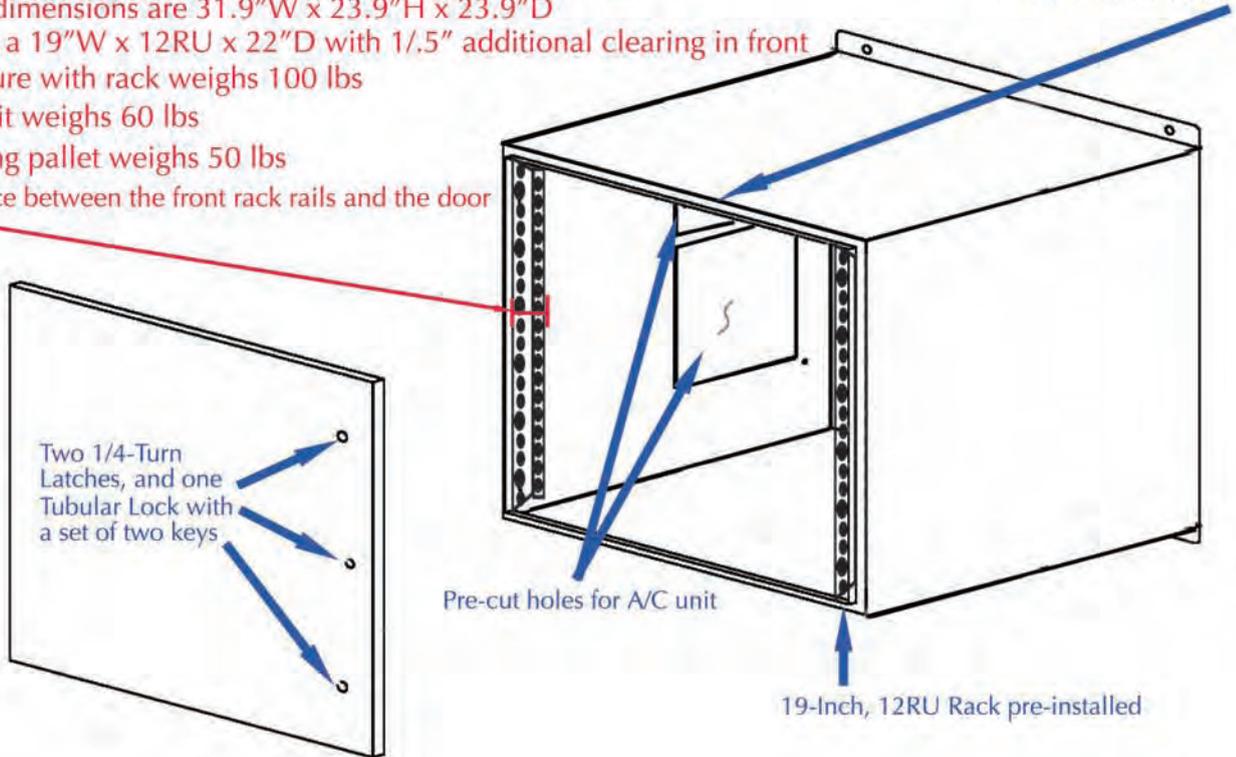


BW-RACKACHT and BW-RACKACE

Dimensions and Weight

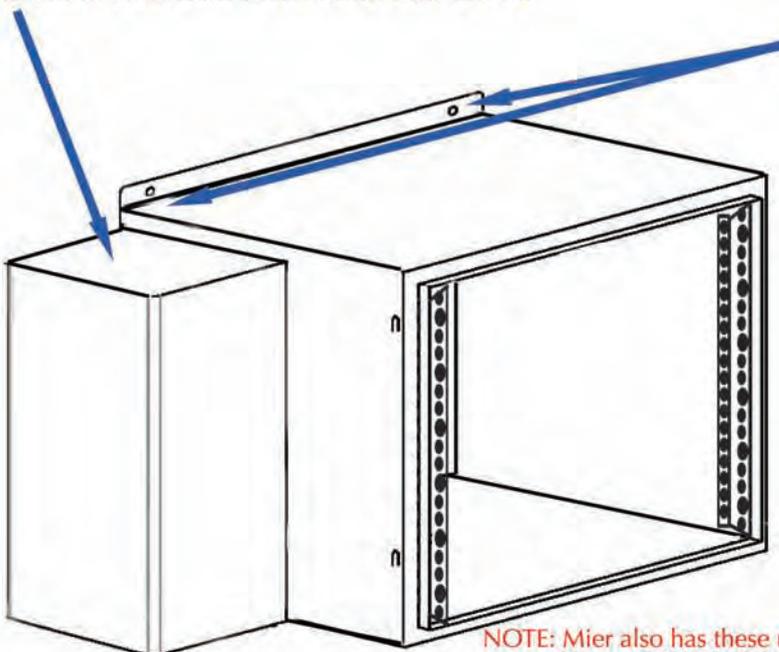
- * Outside dimensions *without* AC attached 22"W x 24"H x 24"D
- * Outside dimensions *with* AC attached 32"W x 24"H x 24"D
- * Inside dimensions are 31.9"W x 23.9"H x 23.9"D
- * Rack is a 19"W x 12RU x 22"D with 1/5" additional clearing in front
- * Enclosure with rack weighs 100 lbs
- * A/C unit weighs 60 lbs
- * Shipping pallet weighs 50 lbs
- * Clearance between the front rack rails and the door is 1.5"

Rain Channel & Bulb-Seal Gasket for a tight fit with the door when the two 1/4-turn latches are closed



AC Unit or AC+Heater Unit mounts to the left side

External 0.580" mounting hole dimensions are 18" center-to-center from left-to-right, and are 25 1/4" center-to-center from top to bottom



Mounting Options

- * Wall-Mount
- * Free-standing using angle iron and a concrete slab (example)
- * Pole-Mount



NOTE: Mier also has these units with the smaller 800 BTU AC unit and smaller 150W Heater (BW-RACK8ACE and BW-RACK8ACHT respectively), but Mier HIGHLY recommends the larger 2000 BTU AC unit and 500W heater for enclosures this size (BW-RACKACE and BW-RACKACHT as shown here).