

# DISPLAY DEVICES

## ***PE and PE-AC Panel Enclosures*** **Mechanical Installation Manual**



### **AIR CONDITIONED UNITS MUST SIT UPRIGHT FOR 24 HOURS BEFORE POWERING UP THE UNIT!**

**Every enclosure we manufacture is to your specifications.  
See attached engineering drawing(s) for specific mounting information!**

For wall and ceiling mounted installations, ensure the structural wall/ceiling is capable of holding at least four times the combined weight of the flat panel and enclosure. This is a minimum requirement. Follow any local or state codes that apply to your specific area.

Typically, door locks and the temperature control panel are hidden under access panels. See the attached engineering drawing(s) for locations on your enclosure.

Power Requirements: (1) 15 amp circuit for air-conditioned/heated models

1. Determine mounting location and ensure there is adequate space around the enclosure for fresh air intake and exhaust. Air conditioned models require adequate ventilation around the air conditioning unit – consult your specific design.
2. Raise enclosure into position and attach with 1/2" hardware to structural wall/ceiling. Verify enclosure is level before tightening hardware.
3. Attach the interface plate to flat panel display using the enclosed hardware. See the attached engineering drawing.

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4. If your model has an internal articulating mount, cut zip ties and extend mount. Raise flat panel and attach with enclosed hardware. If your model has a flat fixed mount, mount on slots within the enclosure.
5. Determine cable path for power and signal cables. Use knockouts or add your own. Attach power and signal cables following local building codes.
6. Remove protective paper on enclosure window and verify centering of display in the window.
7. Clean the enclosure's filters periodically (rinse with water or compressed air) to ensure proper circulation. The filter locations are called out on the engineering drawings.

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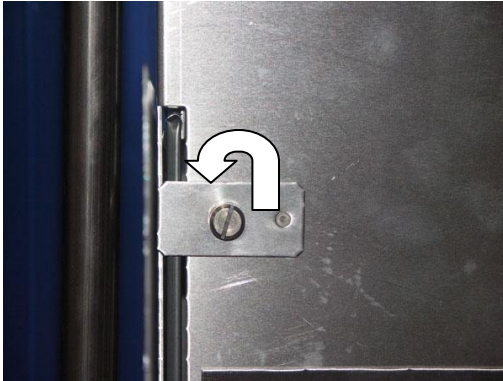
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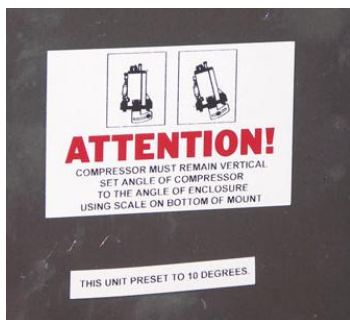
## Installation Maintenance Notes:

Inspect and clean the air filter after two weeks of operation. The frequency of cleaning will be dependent upon the environment the enclosure is located in (i.e., dust, leaves, etc.). Loosen the captive screw on the front of the AC side. Let the hold down tab rotate. Pull the filter out to inspect and clean. After cleaning reinsert – be sure it is settled within the track – flip latch up and tighten captive screw.



Upon powering up the unit the compressor will not activate for 5 minutes. Any time power is interrupted to the enclosure the air conditioning compressor has a 5 minute warm up time.

If the enclosure is mounted at less than a 10° angle (forward tilt) you will need to readjust the angle of the compressor. A sticker on the front of the compressor access panel shows the angle of adjustment. Loosen the nut and then adjust the angle reading to the angle the enclosure is mounted at.



Loosen to adjust compressor

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