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HVAC SUPPLY

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PORTATEMP PAC380S 3-TON Portable Split Air Conditioner



AIR-COOLED (Dry Cooler) COMMERCIAL RENTAL UNIT



- This unit is rated to provide 38,000 btuh cooling capacity.
- Electrical: 208-230/1/60 volts, 33 MCA, 50 amp breaker.
- Unit weight: unit 280 pounds, heat exchanger 143 pounds.
- Unit dimensions: 30" W x 16" D x 50" H
- Heat exchanger dimensions: 30" W x 23" D x 20" H
- Includes a 16 foot hose set. Additional 21 foot sections available up to a maximum of 200 feet between unit and heat exchanger.
- Includes condensate pump capable of 16 foot lift.

APPLICATION:

The main unit is placed inside the room to be cooled.

The remote heat exchanger must be placed outside of the area to be cooled. Typically it is hung up in the false ceiling space (when it functions as the building return air plenum). Alternatively it can be located anywhere else that is convenient, including outdoors, up to 200 feet away from the main unit.

This unit is recommended for rooms where there is no false ceiling space return air plenum available for exhaust of the condenser warm air, as is required with a typical portable air conditioner (ie. MovinCool), or when the heat is being rejected directly to the outdoors.

The cooling water connection on the line set is by means of quick-connect couplers. These are push on connectors, which, when disconnected reseal the water system on either side. The line set must be routed so as to avoid any possible kinking.

Condensate removal: The unit includes an integral condensate pump capable of a 16 foot lift. If the remote heat exchanger is installed outdoors, or in a location where dripping water is not a concern, then the condensate line in the flexible line set can be connected to the main unit and the heat exchanger. This will send the condensate out to the remote heat exchanger. If the condensate must be drained to another location in the building then the condensate connection at the main unit is to be connected to ¼ inch ID (6 mm) field supplied tubing. To disconnect the condensate tubing at the main unit, push in on the tubing and while holding the gray plastic fitting pull the tube out.

Operating instructions: The selector switch allows for FAN ONLY, HIGH-MEDIUM-LOW COOLING operation. The room temperature control should be set to provide the required room comfort level. Full clockwise is the coldest room temperature setting. There is approximately a 4-minute time-delay on the cooling startup to prevent short cycling of the compressor. The cooling light will come on when the cooling starts.

Routine maintenance: The evaporator air filter in the main unit should be cleaned on a regular basis. Grasp the grille and lift it up, then swing out the bottom. The air filter is a washable type. Then replace the grille.