



### Single Package High Efficiency Air Conditioner

**Models:  
PAH 18 to 25 Tons**

Job Name: . . . \_\_\_\_\_ Purchaser: . . . \_\_\_\_\_  
 Location: . . . . . \_\_\_\_\_ Order No: . . . . . \_\_\_\_\_  
 Engineer: . . . . . \_\_\_\_\_  
 Submitted To: . \_\_\_\_\_ For:  Reference  Approval  
 Submitted By: . \_\_\_\_\_ Date: \_\_\_\_\_

#### UNIT DESIGNATION

Schedule No: \_\_\_\_\_

Model No: \_\_\_\_\_



#### DESCRIPTION

All units are pre-wired and pre-charged with R-22 refrigerant at the factory. Units are one-piece, high-efficiency cooling units with optional electric heat. Units are factory tested in both heating and cooling modes. The unit is rated in accordance with ARI Standard 360, tested in accordance with UL Standard 1995 and listed by UL and UL, Canada.

#### FEATURES

- EERs up to 10.8 and IPLVs up to 12.0
- Sound levels as low as 82 dB
- Scroll compressors internally protected with crankcase heaters
- Independent two-stage cooling capacity control
- Slide-out blower motor assembly
- Thermal expansion valve refrigerant control with removable power element
- Cooling operation up to 125° F ambient
- Slide-out filter tracks with standard 2 inch filters
- Electrical power thru-the-bottom or thru-the-curb connections
- Cleanable foil-faced insulation throughout the entire unit airstream
- Dedicated horizontal supply/return available
- Totally enclosed, thermally protected, shaft down condenser motors
- Solid core liquid line filter drier
- Isolated and insulated compressor compartment
- Belt drive fan and motor assembly
- Copper tube aluminum fin coils
- Wiring is colored and labeled throughout the unit
- Heavy gage full perimeter base rails with built-in rigging capabilities
- Refrigerant access valves that allow system readings without creating air bypass
- Cleanable evaporator and condenser coils
- Internally sloped condensate pan with clean out access door
- Compressor protection includes high, low pressure cutouts and over temperature protection
- 24 volt control system with resettable circuit breaker
- Heavy-duty nickel chromium element with high limit reset
- Five year warranty on all compressors
- One year product warranty

#### PERFORMANCE DATA

##### SUPPLY AIR PERFORMANCE - BLOWER

**COOLING PERFORMANCE**

Total Capacity  BTUH  
 Sensible Capacity  BTUH

Ambient Design  Deg F DB/WB  
 Evaporator Entering Air  Deg F DB/WB  
 Power Input Requirement (Less Blower Motor)  kW  
 SEER   
 EER

Airflow \_\_\_\_\_ CFM  
 External Static Pressure \_\_\_\_\_ IWG

Blower Speed  
 HI  MED HI  MED LO  LO

IFM \_\_\_\_\_ HP  
 OFM \_\_\_\_\_ HP

##### HEATING PERFORMANCE

Stage 1 \_\_\_\_\_ kW \_\_\_\_\_ Btuh  
 Stage 2 \_\_\_\_\_ kW \_\_\_\_\_ Btuh  
 Total \_\_\_\_\_ kW \_\_\_\_\_ Btuh

##### ELECTRICAL DATA

Power Supply \_\_\_\_\_ (Volts/Phase/Hertz)  
 Total Unit Ampacity \_\_\_\_\_ Amps

Maximum Overcurrent Protection Device \_\_\_\_\_  
 Fuses \_\_\_\_\_ Amps  
 Circuit Breaker \_\_\_\_\_

Curb Weight  LBS  
 Total Unit Weight  LBS

**OPTIONS AND ACCESSORIES**

<b>FACTORY INSTALLED OPTIONS</b>		
		NOTES
25% Manual Outside Air Damper		
Copper/Copper Coils - Outdoor		
Economizer, Vertical Return		
Field Powered GFCI Convenience Outlet		
High-Static Indoor Fan Motor and Drive		
Non-Fused Disconnect		
Smoke Detector, Supply Air		

<b>FIELD INSTALLED ACCESSORIES</b>		
		NOTES
CO2 Sensor (Return Air)		
Compressor Cycle Delay		
Economizers - Vertical or Horizontal		
Filter Access Panels		
Low Ambient Control Kit		
Manual Outdoor-Air Damper (25% Open)		
Outdoor Hail Guard		
Outdoor Coil Guard		
Phase Motor Control		
Power Exhaust - Vertical or Horizontal		
Roof Curb (14 inch Height)		
Roof Curb (24 inch Height)		
Outdoor Air Dry Bulb Temp Sensor		
Return Air Dry Bulb Temp Sensor		
Return Air Enthalpy Sensor		
Smoke Detector Return		
Smoke Detector Supply		
Smoke Detector Supply & Return		
Thermostat and Subbase		
Thru-the-base Power Kit		
Winter Start Kit		

