

# SUBMITTAL DATA SHEET



**ECHELON™ SINGLE PACKAGE COOLING UNITS**  
**(13 SEER, R-410A) 2 - 5 TON**  
**MODELS: D\_PZ024 THRU 060**

JOB NAME:		LOCATION:		
PURCHASER:		ORDER NO:		
ENGINEER:				
SUBMITTED TO:	FOR:	REF:	APPROVAL:	CONSTRUCTION:
SUBMITTED BY:		DATE:		
UNIT DESIGNATION:		SCHEDULE NO.	MODEL NO.	

### COOLING PERFORMANCE

TOTAL CAPACITY-----        MBH  
 SENSIBLE CAPACITY -----        MBH  
 OUTDOOR DESIGN TMP.        °F DB/WB  
 TOTAL SUPPLY AIR -----        CFM  
 TEMP. OF AIR ENTERING  
 EVAPORATOR COIL -----        °F DB/WB  
 POWER INPUT REQ. -----        KW  
 (LESS BLOWER MOTOR)

### HEATING PERFORMANCE

RESISTANCE HEAT -----        KW  
 CAPACITY-----        MBH  
 VOLTS -----       

### SUPPLY AIR BLOWER PERFORMANCE

TOTAL SUPPLY AIR -----        CFM  
 TOTAL RESISTANCE EXTERNAL  
 TO UNIT -----        IWG  
 BLOWER SPEED (Circle)----- HI MED LOW  
 MOTOR RATING -----        HP  
 POWER INPUT REQ. -----        WATT

### ELECTRICAL DATA

POWER SUPPLY -----        /        /         
 MINIMUM CIRCUIT AMPACITY ---        AMPS  
 MAX. OVERCURRENT DEVICE  
       FUSES        CIRCUIT BREAKER -        AMPS

### TOTAL UNIT WEIGHT

TOTAL UNIT WEIGHT (operational) -        LBS

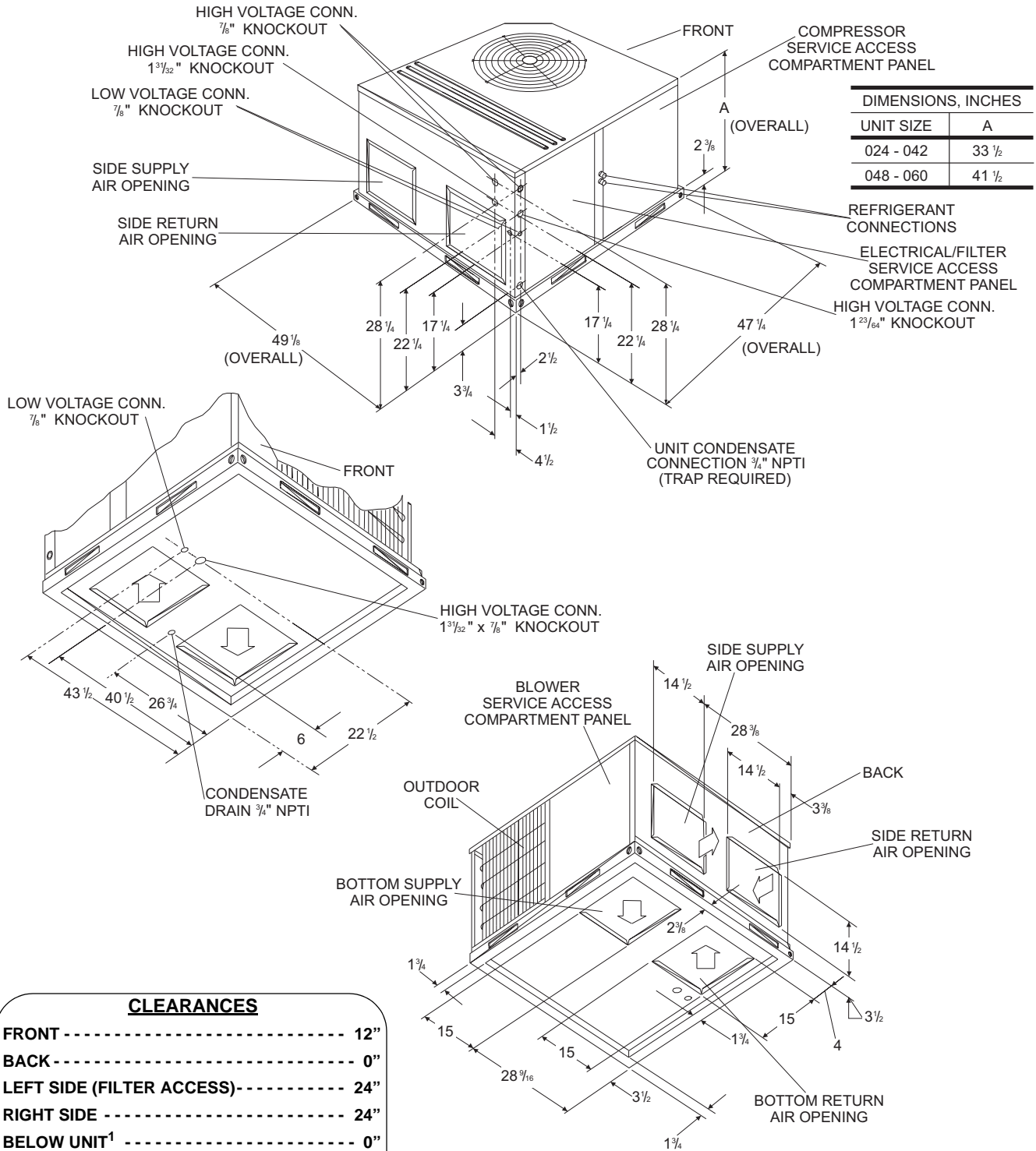
### STANDARD FEATURES

- R-410A Refrigerant.
- Compact single size cabinet and footprint.
- Bottom and or side electrical utility connections.
- Top discharge condenser air design with flush mounted grille guard.
- Full perimeter, removable base rails with built in rigging and shipping provisions.
- Heavy gauge galvanized steel cabinet with a paint finish which has industry leading 1000 hour salt spray rating per ASTM-B117 federal test standards.
- Easily field convertible from side to bottom discharge. No other accessory needed.
- Attractive cabinet design with single piece "Water-Shed" top cover and drip edge to deter water collection and longer life.
- Factory installed, condenser coil wire form grille.
- Condenser coils are constructed of Micro-Channel aluminum tube, aluminum fins for long lasting durability and efficient operation.
- Evaporator coils are constructed of highly efficient rifled copper tubes with enhanced aluminum fins.
- Foil face insulation which does not emit fibers into airstream.
- Permanently lubricated condenser and evaporator motors.
- Multi speed (5) direct drive high static motor and slide out blower assembly.
- Non corrosive condensate pan internally sloped to meet strict requirements of ASHRAE 62-89 Indoor Air Quality standard.
- Internal compressor protection (temperature and pressure).
- Standard cooling operation down to 45° F (Low ambient kit to 0°F available).
- Refrigerant system strainer.
- Ridged mounted, protected refrigerant access ports externally accessible.
- Both numbered and colored wires.
- All three phase models have built in filter rack with cleanable filters and 75 VA transformer with re-settable circuit breaker.
- Warranties on all product applications:
  - 10 year single phase compressor warranty and 5 or 10\* year limited warranty on parts.
  - \* To qualify for the extended 10-year parts warranty, the unit must be registered online at [www.upgproductregistration.com](http://www.upgproductregistration.com) within 90 days of install.
  - 5 year 3 phase compressor warranty and 1 year limited warranty on parts.
  - 5 year electric heat element warranty.

### NOTE:

- A 1" clearance must be provided between any combustible material and the supply air ductwork.
- Refer to technical guide for unit specifications.
- Unit may be installed on combustible floors made from wood or class A, B or C roof covering material.
- Units must be installed outdoors. Overhanging structures or shrubs should not obstruct air discharge outlet.

## DIMENSIONS - INCHES



<b>CLEARANCES</b>	
<b>FRONT</b> .....	<b>12"</b>
<b>BACK</b> .....	<b>0"</b>
<b>LEFT SIDE (FILTER ACCESS)</b> .....	<b>24"</b>
<b>RIGHT SIDE</b> .....	<b>24"</b>
<b>BELOW UNIT<sup>1</sup></b> .....	<b>0"</b>
<b>ABOVE UNIT<sup>2</sup></b> .....	<b>36"</b>

1. Units may be installed on combustible floors made from wood or class A, B or C roof covering material.  
 2. Units must be installed outdoors. Overhanging structures or shrubs should not obstruct outdoor air discharge outlet.

Subject to change without notice. Printed in U.S.A.  
 Copyright © 2010 by Johnson Controls, Inc. All rights reserved.

277371-CSD-D-0410  
 Supersedes: 277371-CSD-C-1009

**Johnson Controls Unitary Products**  
 5005 York Drive  
 Norman, OK 73069