

SUBMITTAL DATA SHEET



ECHELON™ SINGLE PACKAGE COOLING UNITS
(14 SEER, R-410A) 5 TON
MODELS: D_PQ024 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

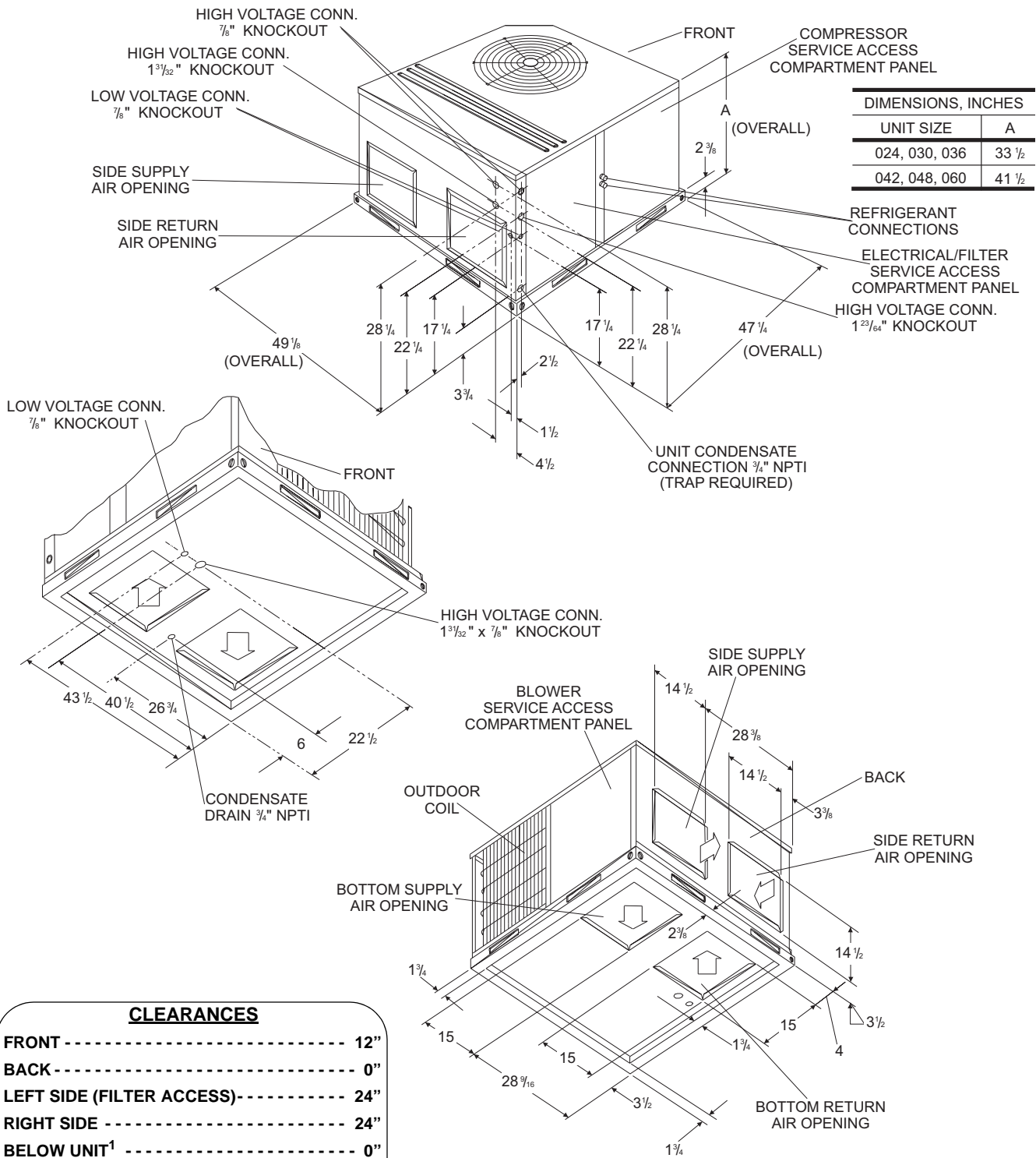
STANDARD FEATURES

- 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, attractive protection condenser coil grille.
- High efficient rifled tube with enhanced fin condenser and evaporator coils.
- Foil face insulation which does not emit fibers into airstream.
- Permanently lubricated condenser and evaporator motors.
- ECM direct drive 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 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



CLEARANCES

FRONT	12"
BACK	0"
LEFT SIDE (FILTER ACCESS)	24"
RIGHT SIDE	24"
BELOW UNIT ¹	0"
ABOVE UNIT ²	36"

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.

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