

# SUBMITTAL DATA SHEET



**ECHELON™ SINGLE PACKAGE HEAT PUMPS**  
**(13 SEER) 2 - 5 TON**  
**MODELS: B\_UP 024 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

EFFICIENCY ----- SEER  
 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

CAPACITY  
 @ 47°F----- MBH  
 @ 17°F----- MBH  
 COEFFICIENT OF PERFORMANCE  
 @ 47°F----- MBH  
 @ 17°F----- MBH  
 RESISTANCE HEAT  
 MODEL NUMBER-- \_\_\_\_\_  
 CAPACITY----- MBH  
 VOLTS-----  
 POWER INPUT REQ. ----- KW

### SUPPLY AIR BLOWER PERFORMANCE

TOTAL SUPPLY AIR ----- CFM  
 TOTAL RESISTANCE EXTERNAL  
 TO UNIT ----- IWG  
 BLOWER SPEED (Circle)----- RPM  
 MOTOR RATING ----- HP  
 POWER INPUT REQ. ----- KW

### ELECTRICAL DATA

POWER SUPPLY ----- / /  
 TOTAL UNIT AMPACITY ----- AMPS  
 MAX. OVERCURRENT DEVICE  
 \_\_\_ FUSES \_\_\_ CIRCUIT BREAKER - \_\_\_ AMPS

### TOTAL UNIT WEIGHT

TOTAL UNIT WEIGHT (operational) - \_\_\_ LBS

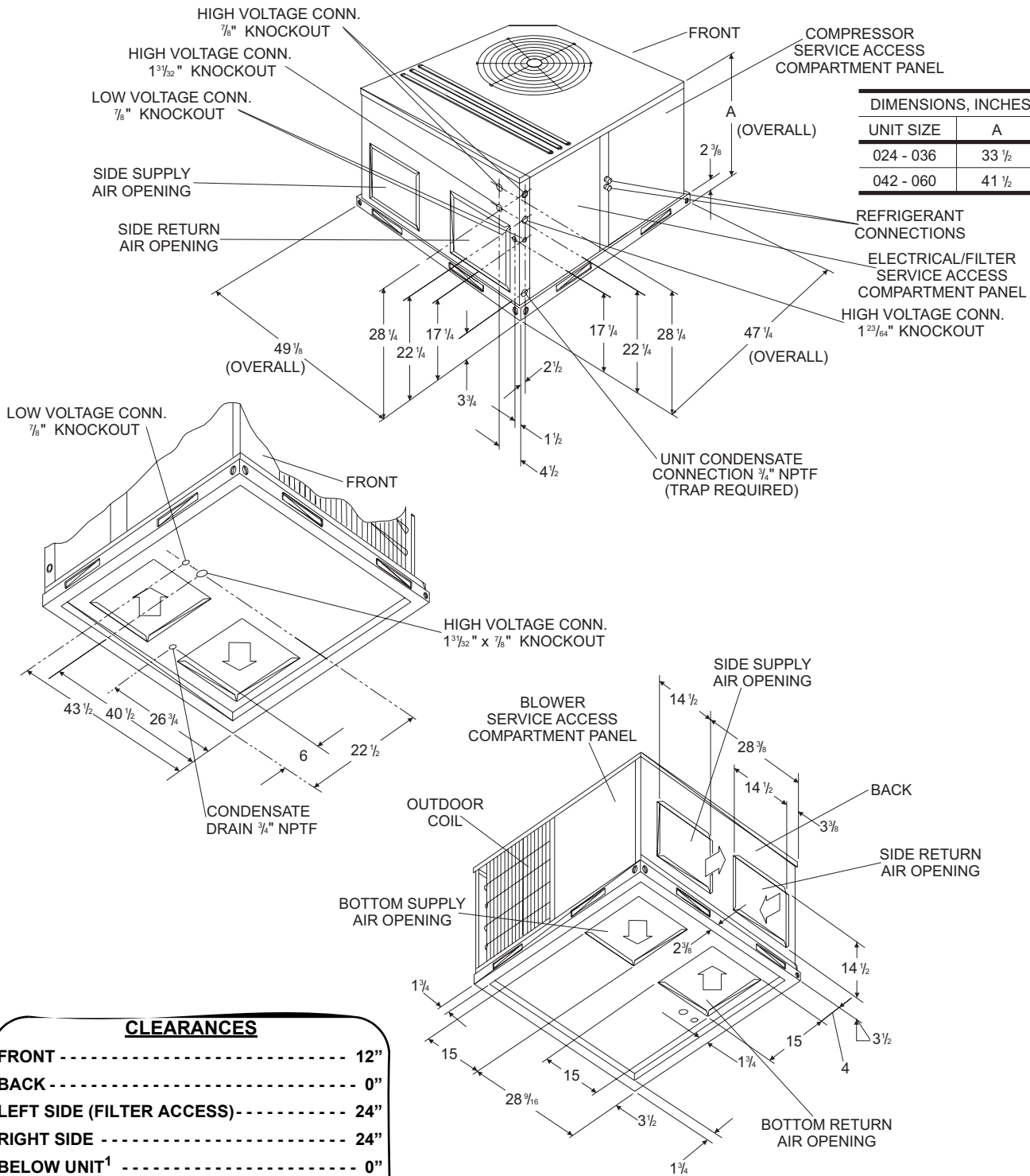
### STANDARD FEATURES

- Compact single size cabinet design with one size 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 outdoor and indoor 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.
- Solid core filter drier.
- 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.
- Reliable time/temperature defrost control with built-in anti-short cycle timer.
- Suction line accumulator.
- Field installed electric heaters available.
- Warranties on single phase residential applications;
  - 10 years on the compressor.
  - 5 years on electric heat element.
  - 5 years limited parts.
- Warranties on all other product applications;
  - 5 years on the compressor.
  - 5 years on electric heat element.
  - 1 year limited parts.

### NOTE:

- Refer to the latest 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 <sup>1</sup> - - - - -	0"
ABOVE UNIT <sup>2</sup> - - - - -	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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