

# Submittal

TAG: \_\_\_\_\_

PRODUCT NAME \_\_\_\_\_  
LOCATION \_\_\_\_\_  
ARCHITECT \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
SUBMITTED BY \_\_\_\_\_ DATA \_\_\_\_\_

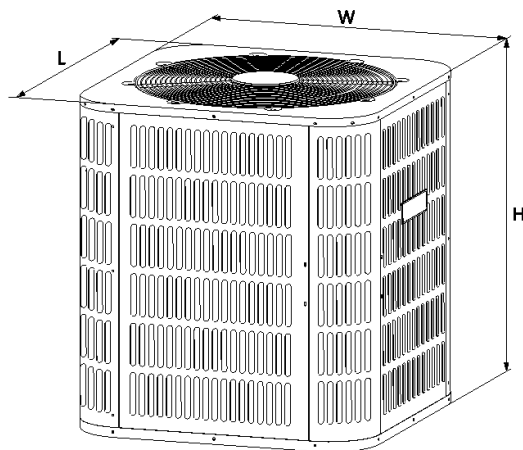
## UNIT SUMMARY

Quantity						
Unit Designation						
Model No.						
Cooling Input						
Cooling Output						
CFM/ESP						
COP/HSPF						
Electrical						
Minimum Ampacity						
Max Overcurrent Protection						
Net Unit Weight						
Accessory						
Catalog Form Number						

### ACCESSORIES

### NOTES

**Condensing Unit**  
**BAR7 Series Air Conditioner**  
**Up to 15.2 SEER2**  
**Cooling capacity: 48 kBTU/h**



Model Size	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "L" in. [mm]	Packing (W*H*D) in. [mm]	Unit Weight (lbs.[kg])
18	23-5/8 [600]	24-15/16 [633]	23-5/8 [600]	24-7/10 × 26-1/4 × 24-7/10 [628 × 667 × 628]	117 [53]
24	28 [710]	24-15/16 [633]	28 [710]	29 × 26-1/4 × 29 [738 × 667 × 738]	132 [60]
30	28 [710]	33-3/16 [843]	28 [710]	29 × 34-1/2 × 29 [738 × 877 × 738]	161 [73]
36	29-1/8 [740]	24-15/16 [633]	29-1/8 [740]	30-1/5 × 26-1/4 × 30-1/5 [768 × 667 × 768]	154 [70]
42	29-1/8 [740]	33-3/16 [843]	29-1/8 [740]	30-1/5 × 34-1/2 × 30-1/5 [768 × 877 × 768]	174 [79]
48	28 [710]	33-3/16 [843]	28 [710]	29 × 34-1/2 × 29 [738 × 877 × 738]	187 [85]
60	29-1/8 [740]	33-3/16 [843]	29-1/8 [740]	30-1/5 × 34-1/2 × 30-1/5 [768 × 877 × 768]	212 [96]
61	29-1/8 [740]	33-3/16 [843]	29-1/8 [740]	30-1/5 × 34-1/2 × 30-1/5 [768 × 877 × 768]	212 [96]

# Specifications

	<b>BAR7-48-15</b>
<b>NOMINAL CAPACITY</b> Cooling (BTU/h)	45,000
<b>ELECTRICAL DATA</b> Voltage / Phase (60 Hz) Min. / Max. Voltage (V) Min. Circuit Amps (MCA) (A) Max. Overcurrent Protection (MOP) (A)	208/230V-1Ph 187/253 28.3 49.3
<b>COMPRESSOR</b> Type Stage Rated Load Amps (RLA) (A) Locked Rotor Amps (LRA) (A) Crankcase Heater	Scroll Single 21.0 95 No
<b>CONDENSER COIL</b> Type Tube Size (O.D) (in.)	Tube & Fin 3/16
<b>FAN MOTOR</b> Motor Type Capacitor (uF) Horsepower (HP) Full Load Amps (FLA) (A)	ECM / 1/3 2.0
<b>REFRIGERATION SYSTEM</b> Liquid Valve Size (O.D.) (in.) Suction Valve Size (O.D.) (in.) Liquid Line Size ("O.D.) (in.) Suction Line Size ("O.D.) (in.) Refrigerant Charge (lbs. - oz.)	3/8 7/8 3/8 7/8 6 lbs. 4 OZ.
<b>SOUND POWER (dB(A))</b>	78
<b>OPERATION RANGE</b> Cooling (°C) Cooling (°F)	12.7~48.9 55~120

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**Standard Features:**

- Eco-friendly R454B refrigerant with low GWP value.
- Energy-efficient compressor.
- Equipped with thermal overload protection.
- High quality condenser with inner-groove copper tube and aluminum fin.
- Service valves with sweat connections and easy-access gauge ports.
- Factory-installed high-pressure switch.
- AHRI certified and ETL listed.
- Filter drier included as accessory.

**Cabinet Features:**

- Compact design allows for ease of installation, clearance, durability, and maneuverability.
  - Powder-painted galvanized steel cabinet chassis.
  - Protective steel louvered coil guard.
  - Steel wire axial fan guard
  - ECM fan motor and unique blade style allowing for smooth discharge air and quieter operation.
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# ComfortStar®

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