

Submittal

TAG: _____

PRODUCT NAME _____
LOCATION _____
ARCHITECT _____
ENGINEER _____
CONTRACTOR _____
SUBMITTED BY _____ DATA _____

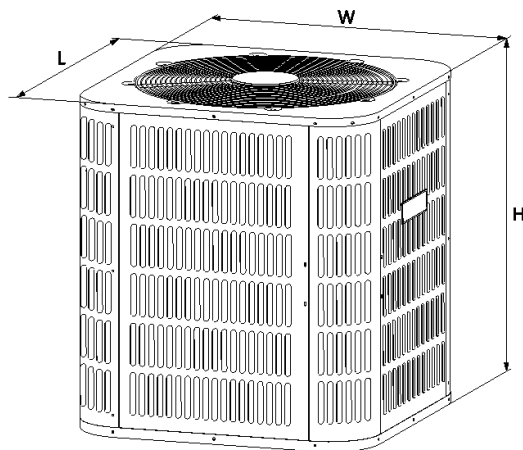
UNIT SUMMARY

| | | | | | | |
|----------------------------|--|--|--|--|--|--|
| 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: 24 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

| | BAR7-24-15 |
|--|---|
| NOMINAL CAPACITY Cooling (BTU/h) | 23,800 |
| ELECTRICAL DATA Voltage / Phase (60 Hz) Min. / Max. Voltage (V) Min. Circuit Amps (MCA) (A) Max. Overcurrent Protection (MOP) (A) | 208/230V-1Ph 187/253 15.3 26.5 |
| COMPRESSOR Type Stage Rated Load Amps (RLA) (A) Locked Rotor Amps (LRA) (A) Crankcase Heater | Rotary Single 11.2 55 No |
| CONDENSER COIL Type Tube Size (O.D) (in.) | Tube & Fin 3/16 |
| FAN MOTOR Motor Type Capacitor (uF) Horsepower (HP) Full Load Amps (FLA) (A) | ECM / 1/6 1.3 |
| REFRIGERATION SYSTEM 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 3/4 3/8 3/4 4 lbs. 14 OZ. |
| SOUND POWER (dB(A)) | 75 |
| OPERATION RANGE Cooling (°C) Cooling (°F) | 12.7~48.9 55~120 |

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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