

Submittal

TAG:

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

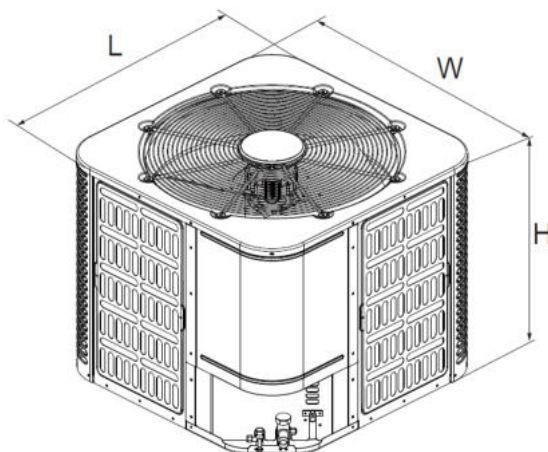
UNIT SUMMARY

| | | | | | | |
|----------------------------|--|--|--|--|--|--|
| 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
BAR6 Series Air Conditioner
Up to 14.3 SEER2
Cooling capacity: 18-36 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 | 21-4/5 [554] | 25 [633] | 21-4/5 [554] | 22-3/5×25-9/10×22-3/5[575 × 660 × 575] | 120 [54.5] |
| 24 | 21-4/5 [554] | 25 [633] | 21-4/5 [554] | 22-3/5×25-9/10×22-3/5[575 × 660 × 575] | 122 [55.5] |
| 30 | 21-4/5 [554] | 25 [633] | 21-4/5 [554] | 22-3/5×25-9/10×22-3/5[575 × 660 × 575] | 123 [56.0] |
| 36 | 29-1/7 [740] | 25 [633] | 29-1/7 [740] | 29-9/10×25-9/10×29-9/10[760× 660×760] | 153 [69.5] |

Specifications

| | | | |
|----------------------|-------------|---------|--------------|
| Model | | | BAR6-36-15 |
| Outdoor power supply | | V/Ph/Hz | 230V/1N/60HZ |
| Cooling | Capacity | Btu/h | 33000 |
| | EER2 | Btu/h.W | 11.7 |
| | SEER2 | Btu/h.W | 14.3 |
| Refer to Room Area | square feet | | 516.00 |
| MCA | | A | 30 |
| MOP | | A | 45 |
| Compressor | Brand | | LG |
| | Model | | YPH029KAA |
| | Type | | scroll |
| | Capacity | Btu/h | 36000.00 |
| | Input | W | 2134.00 |

| | | | |
|----------------------|------------------------------|-------|------------------------------|
| | Rated current(RLA) | A | 21.00 |
| | Locked rotor Amp(LRA) | A | 75.00 |
| Outdoor fan motor | Brand | | BROAD-OCEAN |
| | Model | | YDK-117-8-AL |
| | Rate current | A | 0.90 |
| | Input | W | 193 |
| | Output | W | 117 |
| | Capacitor | μF | 6uF/450V |
| | Speed | rpm | 850 |
| Outdoor fan blade | Dimension | mm | Φ585×110×Φ12.7 |
| Outdoor coil | Number of row | | 2 |
| | Fin spacing | in | 0.055 |
| | Fin material | | Hydrophilic Aluminium Fin |
| | Tube outside diameter | in | Φ 0.276 |
| | Tube material | | Inner Grooved |
| | Coil length x height x width | in | 84.09×23.15×1.05 |
| | Number of circuit | | 6 |
| Outdoor air flow | | CFM | 3350 |
| Outdoor noise level | | dB(A) | 60 |
| Throttling type | | | Piston |
| Outdoor dimension | Unit (WxHxD) | in | 29-1/7×25×29-1/7 |
| | | mm | 740×633×740 |
| | Packing (WxHxD) | in | 29-9/10×25-9/10×x29-9/10 |
| | | mm | 775×680×775 |
| | Net / Gross weight | kg | 69.5/73 |
| | | lbs | 153/161 |
| Refrigerant | Type | | R454b |
| | Charging | oz | 91.00 |
| Refrigerant pipe | Liquid side | in | Φ3/8 |
| | Gas side | in | Φ3/4 |
| | Max. refrigerant pipe length | ft | 131 |
| | Max. difference in level | ft | 65 |
| Design pressure | | MPa | 3.79/1.72 |
| Max pressure | | MPa | 3.92 |
| Operation temp range | Cooling | °F | 53-120 |
| SERVICE CODE | | | 38K |

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.
- Simple electric design——No PCB

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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