

# Submittal

TAG:

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

## UNIT SUMMARY

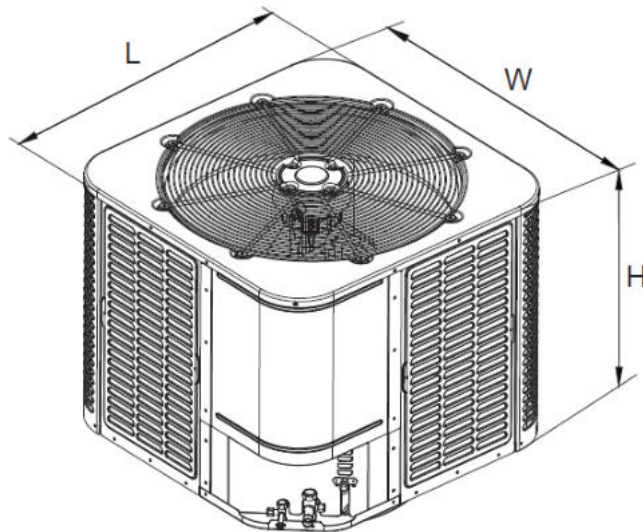
Quantity						
Unit Designation						
Model No.						
Cooling Input						
Cooling Output						
CFM/ESP						
COP/HSPF						
Electrical						
Minimum Ampacity						
Max Overcurrent Protection						
Net Unit Weight						
Accessory						
Catalog Form Number						

## ACCESSORIES

## NOTES

**Condensing Unit**  
**BAR17 Series Air Conditioner**  
**Up to 14.3 SEER2**  
**Cooling capacity: 36k BTU/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])
<b>18</b>	21-4/5 [554]	25 [633]	21-4/5 [554]	22-3/5×25-9/10×22-3/5[575 × 660 × 575]	116 [50]
<b>24</b>	21-4/5 [554]	25 [633]	21-4/5 [554]	22-3/5×25-9/10×22-3/5[575 × 660 × 575]	116 [50]
<b>30</b>	29-1/7 [740]	25 [633]	29-1/7 [740]	30×26×x30[760× 660×760]	139 [63]
<b>36</b>	29-1/7 [740]	25 [633]	29-1/7 [740]	30×26×x30[760× 660×760]	146 [66]



# Specifications

Model			<b>BAR17-36-15</b>
Outdoor power supply		V/Ph/Hz	230V/1N/60HZ
MCA		A	22
MOP		A	35
Compressor	Brand		GMCC
	Type		Rotary
	Capacity	Btu/h	36440
	Input	W	2450.00
	Rated current(RLA)	A	15.20
	Locked rotor Amp(LRA)	A	72.00
Outdoor fan motor	Brand		BROAD-OCEAN
	Model		DRN-310-200-10-3
	Rate current	A	2.40
	Input	W	253
	Output	W	200
	Speed	rpm	1100
Outdoor fan blade	Dimension	mm	Φ595×115×Φ12.7
Outdoor coil	Number of row		2
	Fin spacing	in	0.059
	Fin material		Hydrophilic Aluminum 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		7
Outdoor dimension	Unit (WxHxD)	in	29-1/7×25×29-1/7
		mm	740×635×740
	Packing (WxHxD)	in	30×26×x30
		mm	760×660×760
	Net / Gross weight	kg	66/69.5
		lbs	146/154
Refrigerant	Type		R32
Refrigerant pipe	Liquid side	in	Φ3/8
	Gas side	in	Φ3/4
	Max. refrigerant pipe length	ft	131
	Max. difference in level	ft	66
Design pressure		MPa	4.0/1.3
Max pressure		MPa	4.80
Operation temp range	Cooling	°F	57-118
Service code			39W

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**Standard Features:**

- Eco-friendly R32 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/low-pressure switch.
- AHRI certified and ETL listed.

**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
  - DC fan motor and unique blade style allowing for smooth discharge air and quieter operation.
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# ComfortStar®

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