

Submittal

TAG:

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

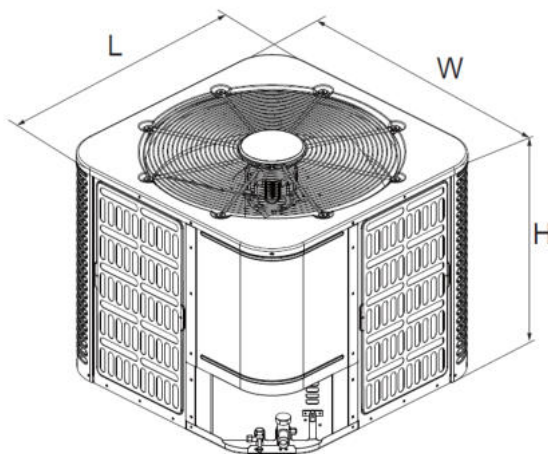
UNIT SUMMARY

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			BAR6-30-15
Outdoor power supply		V/Ph/Hz	230V/1N/60HZ
Cooling	Capacity	Btu/h	28000
	EER2	Btu/h.W	11.7
	SEER2	Btu/h.W	14.3
Refer to Room Area	square feet		441.00
MCA		A	25
MOP		A	35
Compressor	Brand		LG
	Model		YPH024KAA
	Type		scroll
	Capacity	Btu/h	29700.00
	Input	W	1772.00

	Rated current(RLA)	A	16.30
	Locked rotor Amp(LRA)	A	71.00
Outdoor fan motor	Brand		BROAD-OCEAN
	Model		YDK-115-6-AL
	Rate current	A	0.90
	Input	W	187
	Output	W	115
	Capacitor	μF	6uF/450V
	Speed	rpm	990
Outdoor fan blade	Dimension	mm	Φ450×120×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	55.00×23.15×1.05
	Number of circuit		5
Outdoor air flow		CFM	1990
Outdoor noise level		dB(A)	60
Throttling type			Piston
Outdoor dimension	Unit (WxHxD)	in	21-4/5×25×21-4/5
		mm	554×633×554
	Packing (WxHxD)	in	22-3/5×25-9/10×22-3/5
		mm	575×660×575
	Net / Gross weight	kg	56/59
		lbs	123/130
Refrigerant	Type		R454b
	Charging	oz	75.00
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			38J

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®

Add.: 12201 N W 107th Avenue Miami, FL 33178

1.866.524.9898 Toll Free

305.500.9898 Office

305.500.9896 Fax document.

<http://www.comfortstarusa.com>