

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

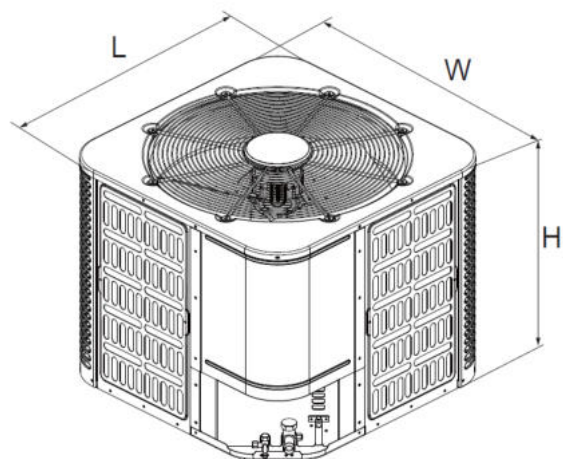
NOTES

Condensing Unit

BAH6 Series Air Conditioner

Up to 14.3 SEER2

Cooling & Heating 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]	128 [57.5]
24	21-4/5 [554]	25 [633]	21-4/5 [554]	22-3/5×25-9/10×22-3/5[575 × 660 × 575]	130 [59.0]
30	29-1/7 [740]	25 [633]	29-1/7 [740]	29-9/10×25-9/10×29-9/10[760× 660×760]	160 [72.5]
36	29-1/7 [740]	25 [633]	29-1/7 [740]	29-9/10×25-9/10×29-9/10[760× 660×760]	162 [73.5]

Specifications

Model			BAH6-30-15
Outdoor power supply		V/Ph/Hz	230V/1N/60HZ
Cooling	Capacity	Btu/h	27000
	EER2	Btu/h.W	11.7
	SEER2	Btu/h.W	14.3
Heating	Capacity	Btu/h	27400
	HSPF2	Btu/h.W	7.5
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-205-6-AL
	Rate current	A	1.40
	Input	W	297
	Output	W	205
	Capacitor	μF	6uF/450V
	Speed	rpm	1075
Outdoor fan blade	Dimension	mm	Φ585×110×Φ12.7
Outdoor coil	Number of row		2
	Fin spacing	in	0.06
	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		5
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	72.5/76.5
		lbs	160/168
Refrigerant	Type		R454b
	Charging	oz	100.00
Refrigerant pipe	Liquid side	in	Φ3/8

	Gas side	in	Φ3/4
	Max. refrigerant pipe length (ft)	SW2-4 ON	131
		SW2-4 OFF	100
	Max. difference in level (ft)	SW2-4 ON	65
		SW2-4 OFF	26
Design pressure		MPa	3.79/1.72
Max pressure		MPa	3.92
Operation temp range	Cooling	°F	53-120
	Heating	°F	5-80
SERVICE CODE			38N

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.

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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