

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 Over current Protection						
Net Unit Weight						
Accessory						
Catalog Form Number						

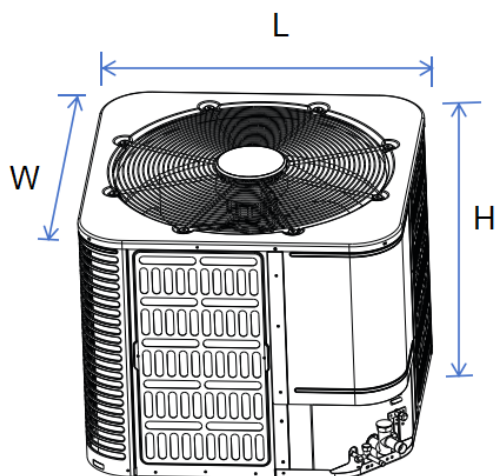
ACCESSORIES

NOTES

Condensing Unit

BAH6 Series Air Conditioner

Cooling & Heating capacity: 30 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 [551]	25 [633]	21-4/5 [551]	22-3/5×25-9/10×22-3/5[575 × 660 × 575]	132 [60]
24	21-4/5 [551]	25 [633]	21-4/5 [551]	22-3/5×25-9/10×22-3/5[575 × 660 × 575]	133 [60.5]
30	29-1/7 [740]	25 [633]	29-1/7 [740]	29-9/10×25-9/10×29-9/10[760× 660×760]	164 [74.5]
36	29-1/7 [740]	25 [633]	29-1/7 [740]	29-9/10×25-9/10×29-9/10[760× 660×760]	168 [76]
42	29-1/7 [740]	32-7/8 [835]	29-1/7 [740]	29-9/10×34-2/5×29-9/10[760× 875× 760]	183 [83]
48	29-1/7 [740]	32-7/8 [835]	29-1/7 [740]	29-9/10×34-2/5×29-9/10[760× 875× 760]	203 [92]
60	29-1/7 [740]	32-7/8 [835]	29-1/7 [740]	29-9/10×34-2/5×29-9/10[760× 875× 760]	216 [98]

Specifications

Model			BAH6-30-15
Outdoor power supply		V/Ph/Hz	230V/1N/60HZ
Cooling	Capacity	Btu/h	27600
	EER2	Btu/h.W	12
	SEER2	Btu/h.W	15.2
Heating	Capacity	Btu/h	27800
	HSPF2	Btu/h.W	7.5
Refer to Room Area	square feet		441.00
Max. input consumption		W	/
Max. current		A	/
MCA		A	23
MOP		A	35
Compressor	Brand		LG
	Model		YPH024KAA
	Type		scroll
	Capacity	Btu/h	29700.00
	Input	W	1772.00
	Rated current(RLA)	A	16.3
	Locked rotor Amp(LRA)	A	71.00
Outdoor fan motor	Brand		Broad-Ocean
	Model		DRN-310-200-10
	Rate current	A	1.80
	Input	W	226.00
	Output	W	200.00
	Capacitor	μF	/
	Speed	rpm	950.00
Outdoor fan blade	Dimension	mm	Φ585×110×Φ12.7
Outdoor coil	Number of row		2.00
	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		6.00
Outdoor air flow		CFM	3350.00
Outdoor noise level		dB(A)	60.00
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	760×660×760
	Net / Gross weight	kg	74.5/78.5
		lbs	164/173
Refrigerant	Type		R454b

	Charging	oz	116.40
Refrigerant pipe	Liquid side	in	Φ3/8
	Gas side	in	Φ3/4
	Max. refrigerant pipe length	ft	131
	Max. difference in level	ft	60
Design pressure		MPa	3.79/1.72
Max pressure		MPa	4.15
Operation temp range	Cooling	°F	53-120
	Heating	°F	5-80
SERVICE CODE			36P

AHRI MATCHING TABLE

Model		Cooling Capacity (BTU/h)	Heating Capacity (BTU/h)	EER2	SEER2	HSPF2
Outdoor	Indoor					
BAR6-18-15	LUC6-18-15	18000	/	11.7	14.3	/
BAR6-24-15	LUC6-24-15	23000	/	11.7	14.3	/
BAR6-30-15	LUC6-30-15	28400	/	12	15.2	/
BAR6-36-15	LUC6-36-15	34600	/	11.7	14.3	/
BAR6-42-15	LUC6-42-15	41000	/	11.7	14.3	/
BAR6-48-15	LUC6-48-15	47000	/	11.2	14.3	/
BAR6-60-15	LUC6-60-15	54000	/	11.2	14.3	/
BAR6-18-15	CWM6-18-15	17400	/	11.7	14.3	/
BAR6-24-15	CWM6-24-15	22000	/	11.7	14.3	/
BAR6-30-15	CWM6-30-15	29000	/	11.7	14.3	/
BAR6-36-15	CWM6-36-15	33800	/	11.7	14.3	/
BAH6-18-15	LUC6-18-15	18000	17600	11.7	14.3	7.5
BAH6-24-15	LUC6-24-15	23000	22400	11.7	14.3	7.5
BAH6-30-15	LUC6-30-15	27600	27800	12	15.2	7.5
BAH6-36-15	LUC6-36-15	33400	33000	11.7	14.3	7.5
BAH6-42-15	LUC6-42-15	41000	41000	11.7	14.3	7.5
BAH6-48-15	LUC6-48-15	47000	46000	11.2	14.3	7.5
BAH6-60-15	LUC6-60-15	54000	54000	11.2	14.3	7.5
BAH6-18-15	CWM6-18-15	17400	17000	11.7	14.3	7.5
BAH6-24-15	CWM6-24-15	22000	22000	11.7	14.3	7.5
BAH6-30-15	CWM6-30-15	28000	27600	11.7	14.3	7.5
BAH6-36-15	CWM6-36-15	33000	33000	11.7	14.3	7.5

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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