



Blueridge BMHH48M22C Spec Sheet

Code			Non-ducted	Ducted
Outdoor code			453079210	453079210
Outdoor model			BMHH48M22C	BMHH48M22C
Power supply		Ph-V-Hz	208-230V~60Hz , 1Ph	208-230V~60Hz , 1Ph
Cooling	Capacity	Btu/h	48000(19300~51000)	48000(18500~51000)
	Input	W	4150	4040
	Rated current	A	18	18.2
	EER	Btu/Btu	11.6	11.9
	SEER		21.5	20.2
Heating	Capacity	Btu/h	49000(11500~60000)	50000(12000~59000)
	Input	W	4000	3800
	Rated current	A	17.8	17.2
	COP	W/W	3.59	3.86
	HSPF4		10.3	10.5
	HSPF5		8.6	8.2
Heating at 5F (-15°C)	Rated capacity	Btu/h	48000	48000
	COP	W/W	2	2
Heating at -4F (-20°C)	Rated capacity	Btu/h	42000	42000
MINIMUM CIRCUIT AMPACITY		A	35	35
MAX.FUSE		A	50	50
Compressor	Model		EAPQ420D1UMU A	EAPQ420D1UMUA
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	Btu/h	44015	44015
	Input	W	3565	3565
	RLA (COMPRESSOR LOAD)	A	22.21	22.21

	Locked rotor Amp(LRA)	A	----	----
	Thermal protector		INT01L-4639	INT01L-4639
	Thermal protector position		EXTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	1460±15ml ESTER OIL VG74	1460±15ml ESTER OIL VG74
Fan motor	Model model		ZKFN-85-8-22	ZKFN-85-8-22
	Qty		2	2
	Input	W	126	126
	Output	W	85	85
	RLA (Outdoor fan motor load)	A	1	1
	LRA	A	---	---
	Winding Resistance	Ω	---	---
	Capacitor	uF	---	---
	Speed	r/min	800/700/600	800/700/600
Outdoor air flow		m3/h	7650	7650
Outdoor air flow		CFM	4500	4500
Outdoor noise level		dB(A)	64	64
Outdoor unit	Dimension(W*D*H)	inch	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (W*D*H)	inch	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross weight	lbs.	238.32/269.84	238.32/269.84
Refrigerant type		g	R410A/4600	R410A/4600
Refrigerant type		oz	R410A/162	R410A/162
Refrigerant precharge(Total pipe length)		ft	125	125
Additional charge for each ft		oz	0.161 for 1/4" liquid pipe 0.322 for 3/8" liquid pipe	0.161 for 1/4" liquid pipe 0.322 for 3/8" liquid pipe
Design pressure		PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	(inch)	LL 5x1/4 SL 3x3/8+2x1/2	LL 5x1/4 SL 3x3/8+2x1/2
	Max. length for all rooms	ft	262	262
	Max. length for one indoor unit	ft	115	115

	Max. height difference between indoor and outdoor unit	ft	49	49
	Max. height difference between indoor units	ft	33	33
Connection wiring			NO	NO
Thermostat type			Remote control	Wired control
Ambient Temperature	cooling	°F	-22~122	-22~122
	heating	°F	-22~86	-22~86
Total application area (cooling standard)		m2	64-94	64-94
Total application area (cooling standard)		sq.ft	689-1012	689-1012
Qty'per 20' /40' /40'HQ (Outdoor unit)			22/46/46	22/46/46