



BMY12HH23LW Specifications and Certifications



Models

BMY12HH26C	12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Condenser
BMM12LW	12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Air Handler
BMY12HH23LW	12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump System
BMY12HH23LW KIT15	12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump W/ 15 Ft Installation Kit
BMY12HH23LW KIT25	12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump W/ 25 Ft Installation Kit

What's in the Box

Mini-Split System

BMY12HH23LW

12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Condenser

12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Air Handler

Remote Controller



Mini-Split System with Installation Kit

**BMY12HH23LW
KIT15**

12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Condenser

12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Air Handler

15 Foot 1/4 LL 1/2 SL Ductless Mini-Split Line Set

25 Foot Stranded Ductless Mini-Split Communication Wire

2.5" Wall Sleeve for SpeediChannel™ Line Set Covers

1/2 x 48 Inches, #10 Gauge Electrical Whip

Nylog Blue Gasket, Flare and Thread Sealant

Safety Non-Fused Electrical Disconnect

Adapter 5/16" x 1/4" for Ductless Mini-Split Systems

Remote Controller



**BMY12HH23LW
KIT25**

12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Condenser

12000 BTU 24.2 SEER2 208/230V Minisplit Heat Pump Air Handler

25 Foot 1/4 LL 1/2 SL Ductless Mini-Split Line Set

35 Foot Stranded Ductless Mini-Split Communication Wire

2.5" Wall Sleeve for SpeediChannel™ Line Set Covers

1/2 x 48 Inches, #10 Gauge Electrical Whip

Nylog Blue Gasket, Flare and Thread Sealant

Safety Non-Fused Electrical Disconnect

Adapter 5/16" x 1/4" for Ductless Mini-Split Systems

Remote Controller



SUBMITTAL DATA SHEET



BMM12LW/BMY12HH26C

12,000 BTU/H(208/230V)

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Model
 15 ft Kit
 25 ft kit

BMY12HH26LW
 BMY12HH26LW KIT15
 BMY12HH26LW KIT25

Certified

AHRI



UL



SYSTEM PERFORMANCE DATA

Power supply

Normal Operational Voltage (V, Ph, Hz) 208/230, 1, 60
 Voltage Range (V) 187-253

Electrical

Minimum circuit ampacity (A) 15.0
 Max.fuse (A) 15.0
 Connection wiring 14*4 AWG

Cooling

Rated Capacity (Btu/h) 12000(7600~14400)
 Capacity Range (Btu/h) 12000(7600~14400)
 Power Input (Max) (W) 902(170~1230)
 Rated current (A) 4.13(1.42~5.51)
 SEER2 (Btu/W) 24.2
 EER2 (Btu/W) 13.3

Heating at 47F

Rated Capacity (Btu/h) 12000(5000~15700)
 Capacity Range (Btu/h) 12000(5000~15700)
 Power Input (Max) (W) 857(342~1450)
 Rated current (A) 4.12(1.81~6.64)
 HSPF4 (Btu/W) 10.7

COP

w/w 4.1

Heating at 17F

Max Capacity (Btu/h) 12800

REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340
 Refrigerant Type (Oz) R410A/41.62
 Refrigerant precharge (ft) 25.0

Additional charge for each ft (oz/ft) 0.2
 (g/ft) 15.0

Liquid side/ Gas side (inch) 1/4" / 1/2"

Max. pipe length (ft) 82.0

Max. difference in level (ft) 32.8

Connection method (Flared)

Remote Control Temp Range(cooling) (Deg. °F) 62 ~ 86

Remote Control Temp Range(heating) (Deg. °F) 62 ~ 86

Outdoor(cooling) (Deg. °F) -22~122

Outdoor(heating) (Deg. °F) -22~75

INDOOR UNIT DATA

Indoor fan motor

Type Cross-Flow
 Model ZKFP-13-8-136
 Qty 1
 Input (W) 67
 RLA (A) -
 LRA (A) ---
 Winding Resistance (Ω) ---
 Capacitor (uF) ---

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (CFM) 376.47/323.53/264.71
 Indoor noise level (Hi/Med/Lo) [dB(A)] 40/37/26

Dehumidification (Pint/H) ---

Indoor unit

Dimension (WxDxH) (inch) 31.26x7.87x24.45

Packing(WxDxH) (inch) 34.06x11.02x28.31

Net/Gross weight (lbs.) 32.85/41.45

OUTDOOR UNIT DATA

Compressor

Type KTN110D42UFZ
 Model DUAL ROTARY
 Brand GMCC
 Capacity (Btu/h) 11823
 Input (W) 885
 Rated current (RLA) (A) -
 Refrigerant oil/oil charge (ml) -
 Throttle Capillary +EXV

Outdoor fan motor

Model ZKFN-34-10-1
 Qty 1
 Input (W) --
 RLA (A) --

Air flow & Noise level

Outdoor air flow (Max.) (CFM) 1323.50
 Outdoor noise level [dB(A)] 56.00

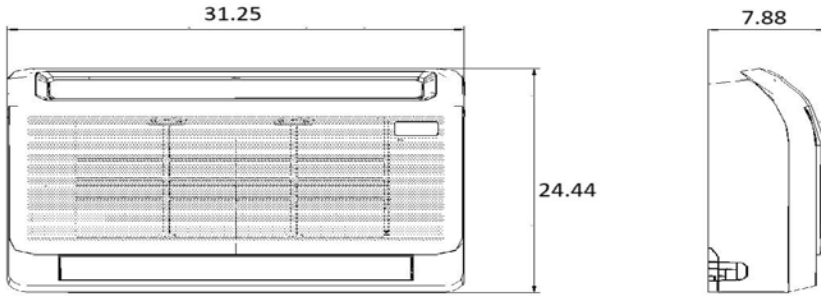
Outdoor unit

Dimension (W×D×H) (inch) 31.69x12.99x21.81

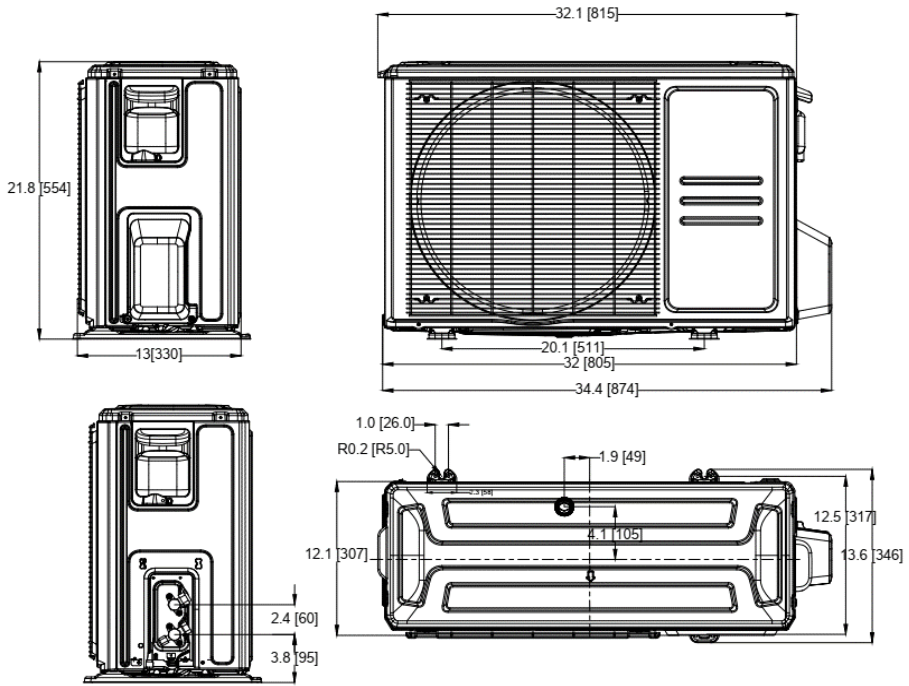
Packing (W×D×H) (inch) 36.02x14.57x24.21

Net/ Gross weight (lbs.) 73.63/79.37

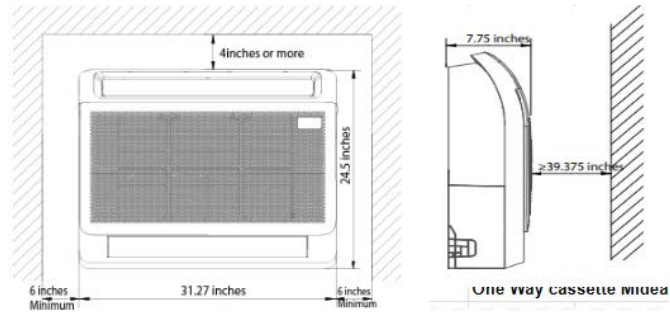
Indoor Unit Dimensions (Inches)	



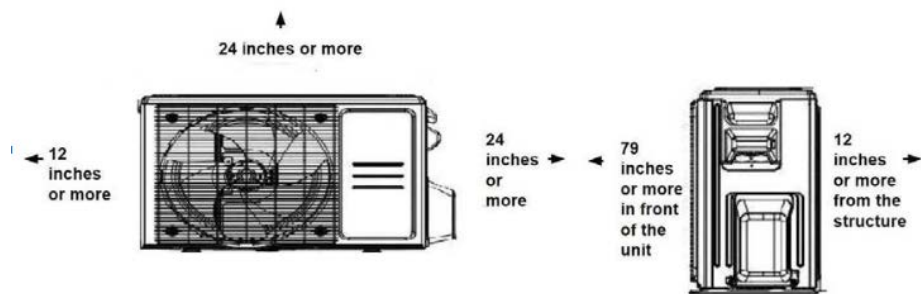
Outdoor Unit Dimensions (Inches)



Indoor Unit Clearance (Inches)



Outdoor Unit Clearance (Inches)



COOLING PERFORMANCE DATA

YS Model	Cooling		Outdoor conditions (DB)																		
	Indoor DB		-22°F	-13°F	-4°F	0°F	5°F	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
BMM12LW BMY12HH26C (208-230V)	65°F	TC	9318	10127	10383	10483	10570	10946	11259	11463	11745	11839	11898	11771	12053	11944	12269	11478	11007	9922	8750
		Input	375	442	489	507	530	596	626	667	684	721	769	800	861	1018	1254	1212	1200	1250	1250
	70°F	TC	9778	10604	10930	11152	11233	11450	11789	11880	12415	12555	12445	12443	12781	12520	12901	12032	11514	10346	9125
		Input	373	436	491	516	539	597	629	661	688	731	758	799	867	1003	1257	1212	1205	1249	1233
	75°F	TC	10402	11080	11433	11777	11912	12091	12371	12559	12960	13160	13128	13139	13369	13263	13523	12705	12133	10925	9707
		Input	375	437	484	512	541	600	623	663	683	729	759	809	867	1012	1254	1223	1218	1247	1245
	80°F	TC	10836	11651	12137	12306	12512	12768	13022	13248	13628	13709	13790	13874	13956	14050	14146	13502	12731	11622	10261
		Input	372	438	487	511	541	602	629	660	678	715	761	809	867	1175	1247	1235	1222	1255	1248

HEATING PERFORMANCE DATA

YS Model	Heating		Outdoor conditions (DB)														
	Indoor Conditions DB		-22°F	-13°F	-4°F	0°F	5°F	10°F	17°F	20°F	25°F	32°F	35°F	40°F	47°F	50°F	57°F
BMM12LW BMY12HH26C (208-230V)	60°F	TC	7847	9152	10218	11453	12743	13369	13951	14536	15037	15387	16025	16317	16612	17085	17392
		Input	1525	1657	1671	1735	1849	1821	1833	1803	1812	1807	1802	1613	1470	1416	1355
	65°F	TC	7596	8868	9920	11087	12371	13017	13492	14085	14543	15011	15543	15781	16144	16539	16902
		Input	1556	1703	1705	1772	1893	1871	1871	1859	1863	1856	1854	1663	1514	1450	1391
	70°F	TC	7339	8635	9594	10753	12035	12589	13112	13609	14106	14603	15120	15381	15613	15980	16393
		Input	1597	1740	1751	1827	1934	1927	1921	1912	1903	1897	1900	1713	1549	1483	1435
	75°F	TC	7009	8246	9220	10312	11553	12149	12614	13051	13598	14062	14575	14689	15035	15356	15754
		Input	1650	1790	1812	1885	1992	1993	1988	1966	1964	1958	1966	1759	1595	1520	1472

LEGEND
DB --- Dry Bulb
TC --- Total Net Capacity (1000 Btu/hour)
Input --- Total Power (kW)



Certificate of Product Ratings

AHRI Certified Reference Number : 209550311 Date : 10-03-2022 Model Status : Active

AHRI Type : HRCU-A-CB-O (Mini-Split Heat Pump, with Remote Outdoor Unit Air-Source, Free Delivery)

Outdoor Unit Brand Name : BLUERIDGE

Outdoor Unit Model Number : BMY12HH26C

Indoor Type : Mini-Splits (Non-Ducted)

Indoor Model Number(s) : BMM12LW

Rated as follows in accordance with the latest edition of AHRI 210/240 - 2017 with Addendum 1, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (A2) - Single or High Stage (95F), btuh : 12000

SEER : 23.00

EER (A2) - Single or High Stage (95F) : 13.30

Heating Capacity (H12) - Single or High Stage (47F) : 12000

HSPF (Region IV) : 11.80

Rated as follows in accordance with the latest edition of AHRI 210/240 – 2023, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (A_{Full}) – Single or High Stage (95F), btuh : 12000

SEER2 : 24.20

EER2 (A_{Full}) – Single or High Stage (95F) : 13.30

Heating Capacity (H1_{Full}) – Single or High Stage (47F), btuh : 12000

HSPF2 (Region IV) : 10.70

Sold in? : USA, Canada

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†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced. "Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

The Department of Energy has published updated energy efficiency metrics for central air conditioners and heat pumps. This publication reflects both the 1987 metric (SEER) and the 2023 metric (SEER2). Efficiency requirements are published at 10 C.F.R. 430.32(c). Please refer to www.AHRI.net.org for more information about updated energy efficiency metrics.

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CERTIFICATE NO.:

133092774082175638



ENERGY STAR CERTIFIED

Heat Pumps (Mini-Split)

: BMY12HH26C

Specifications

ENERGY STAR Unique ID:	2448801
Outdoor Unit Brand Name:	BLUERIDGE
Series Name:	BM series
Outdoor Unit Model Number:	BMY12HH26C
Indoor Unit Model Number:	BMM12LW
Indoor Unit Brand Name:	BLUERIDGE
SEER2 (Btu/Wh):	24.2
Product Type:	HP - Mini or Multi Split
EER2 (Btu/Wh):	13.3
HSPF2 (Btu/Wh):	10.7
COP at 5°F:	1.99
Cooling Capacity (Btu/h):	12000
Heating Capacity at 47°F (Btu/h):	12000
Heating Capacity at 5°F (Btu/h):	11900
Cold Climate:	Yes
Connected Capable:	No
Meets Peak Cooling Requirements:	Yes
Tax Credit Eligible:	Yes
Refrigerant with GWP:	R-410A (GWP:2088)
ENERGY STAR Most Efficient:	No

Captured On:
04/10/2023