



# BMY12HH26 Specifications and Certifications



## Models



BMY12HH26C	12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump Condenser
BMY12HH26WM	12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump Air Handler
BMY12HH26	12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump System
BMY12HH26 KIT15	12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump W/ 15 Ft Installation Kit
BMY12HH26 KIT25	12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump W/ 25 Ft Installation Kit

# What's in the Box

## Mini-Split System

**BMY12HH26**

12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump Condenser

12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump Air Handler

Remote Controller



## Mini-Split System with Installation Kit

**BMY12HH26  
KIT15**

12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump Condenser

12000 BTU 25.5 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

5/8in Inner Diameter Drain Hose, 20ft Length

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

Remote controller



**BMY12HH26  
KIT25**

12000 BTU 25.5 SEER2 208/230V Minisplit Heat Pump Condenser

12000 BTU 25.5 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

5/8in Inner Diameter Drain Hose, 20ft Length

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

Remote controller



## SUBMITTAL DATA SHEET

## Wall Mounted Heat Pump System

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

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

Set Model	BM12HH26
15 Ft Kit Model	BM12HH26 KIT15
<b>25 Ft Kit Model</b>	<b>BM12HH26 KIT25</b>

**Certified**



## SYSTEM PERFORMANCE DATA

Power supply	100 W
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Normal Operational Voltage	(V, Ph, Hz)	208/230V,1Ph,60Hz
Voltage Range	(V)	187-253

## Electrical

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

## Cooling

Capacity	(Btu/h)	12000(3300~14300)
Power Input	(W)	857(180~1180)
Current	(A)	3.72(0.89~5.5)
SEER2	(Btu/W)	25.5
EER2	(Btu/W)	14.0

## Heating

Capacity	(Btu/h)	12000(5000~15300)
Power Input	(W)	907(370~1500)
Current	(A)	4.1(1.6~6.52)
HSPF2-4	(Btu/W)	10.4

COP	W/W	3.88
Heat at 17F(AHRI Rating)	(Btu/h)	10000
Heat at 5F(AHRI Rating)	(Btu/h)	11500
COP at 5F(AHRI Rating)	W/W	1.80

### REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	41.62
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16

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

Max. pipe length	(ft)	82.0
Max. difference in level	(ft)	32.8

Connection method	Flared
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Remote Control Temp Range(cooling)	(Deg. F)	62 ~ 86
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Remote Control Temp Range(heating)	(Deg. °F)	62 ~ 86
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Outdoor(cooling) (Deg. °F) -22~122

Outdoor(heating)	(Deg. °F)	-22~75
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## INDOOR UNIT DATA

## Indoor fan motor

Model		ZKFP-20-8-6-21
Qty		1
Input	(W)	50.00
Output	(W)	20.0
RLA	(A)	0.3

### Air flow & Noise level

Indoor air flow (Hi/Med/Low) (No duct)	(CFM)	382.35/335.29/229.41/176.47
Indoor noise level (Hi/Med/Low)	[dB(A)]	38/33.5/23.5
<b>Dehumidification</b>	(L/H)	1.29

## Dehumidification

Indoor unit	(inch)	33.40x9.18x11.76
Dimension (WxDxH)	(inch)	36.22x12.20x14.57
Packing(WxDxH)	(lbs.)	22.93/28.88
Net/Gross weight		

### OUTDOOR UNIT DATA

## Compressor

Type	ROTARY
Model	KTN110D42UFZ
Brand	GMCC
Capacity	11823
Input	(W)
Rated current (RLA)	(A)
Refrigerant oil/oil charge	(ml)

## Outdoor fan motor

Model		ZKFN-34-10-1
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.4
Speed	(r/min)	850/680/450

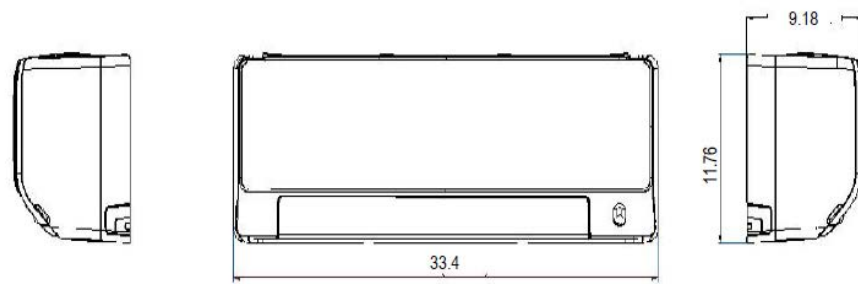
**Air flow & Noise level**

Outdoor air flow (Max.)	(CFM)	1324
Outdoor noise level	[dB(A)]	56.0

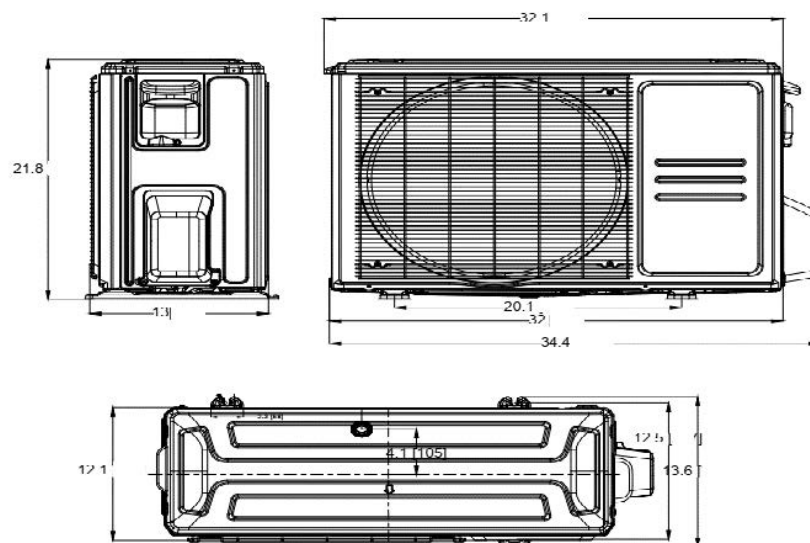
### Outdoor unit

Dimension (WxDxH)	(inch)	31.69x12.99x21.81
Packing (WxDxH)	(inch)	36.02x14.57x24.21
Net/ Gross weight	(lbs.)	73.63/79.37

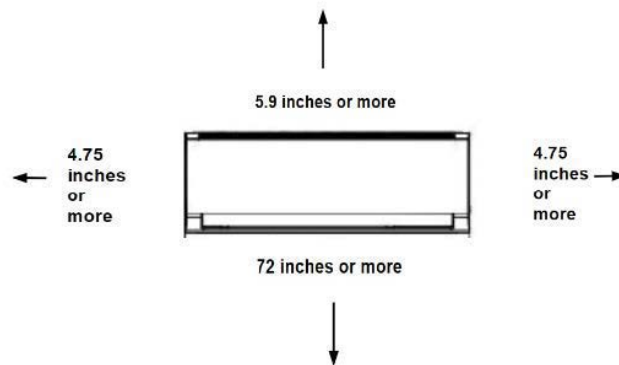
# Indoor unit dimension



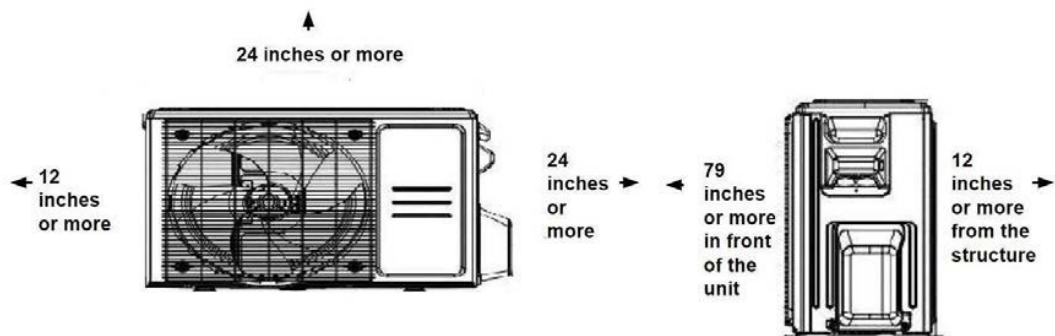
# Outdoor unit dimension



Indoor unit clearance (Inches)



Outdoor unit clearance (Inches)



COOLING PERFORMANCE DATA

YS Model	Cooling		Outdoor conditions (DB)																		
	Indoor		-22F	-13F	-4F	0F	5F	17F	25F	35F	47F	55F	65F	75F	80F	85F	95F	105F	110F	115F	122F
			DB																		
BMY12HH26WM BMY12HH26C Wall mounted (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	F	32 F	5 F	40 F	47 F	50 F	57 F
BMY12HH26WM BMY12HH26C Wall mounted (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 : 207339184    Date : 03-13-2024    Model Status : Active  
 AHRI Type : HRCU-A-CB-O (Mini-Split Heat Pump, with Remote Outdoor Unit Air-Source, Free Delivery)  
 Series Name : BM series  
 Outdoor Unit Brand Name : BLUERIDGE  
 Outdoor Unit Model Number : BMY12HH26C  
 Indoor Type : Mini-Splits (Non-Ducted)  
 Indoor Model Number(s) : BMY12HH26WM

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 : 25.50  
 EER (A2) - Single or High Stage (95F) : 14.00  
 Heating Capacity (H12) - Single or High Stage (47F) : 12000  
 HSPF (Region IV) : 13.00

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<sub>Full</sub>) – Single or High Stage (95F), btuh : 12000  
 SEER2 : 25.50  
 EER2 (A<sub>Full</sub>) – Single or High Stage (95F) : 14.00  
 Heating Capacity (H1<sub>Full</sub>) – Single or High Stage (47F), btuh : 12000  
 HSPF2 (Region IV) : 10.40

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.AHRInet.org](http://www.AHRInet.org) for more information about updated energy efficiency metrics.

\*This refers to the federal tax credit that may be known to consumers as "Inflation Reduction Act (IRA) of 2022 Tax Credit," "25C Tax Credit," or "Energy Efficient Home Improvement Credit." This is not intended to constitute tax or legal advice. Instead, it is for general informational purposes only. AHRI makes no representation or warranty, express or implied or assumes any legal liability or responsibility for the accuracy, completeness, any third party's use of, or the results of the use of potential eligibility for tax credit disclosed on the AHRI Directory of Certified Product Performance and AHRI Certificate of Product Ratings. Potential eligibility for tax credit may not constitute the most up to date information. AHRI is unable to advise or confirm tax credit eligibility. Individuals considering eligibility for the tax credit are advised to confirm eligibility with their equipment installers, tax attorneys or preparers.

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**CERTIFICATE NO.:**

133548352871261976



ENERGY STAR CERTIFIED

# Heat Pumps (Mini-Split)

: BMY12HH26C

## Specifications

ENERGY STAR Unique ID:	2448937
Outdoor Unit Brand Name:	BLUERIDGE
Series Name:	BM series
Outdoor Unit Model Number:	BMY12HH26C
Indoor Unit Model Number:	BMY12HH26WM
Indoor Unit Brand Name:	BLUERIDGE
SEER2 (Btu/Wh):	25.5
Product Type:	HP - Mini or Multi Split
EER2 (Btu/Wh):	14.0
HSPF2 (Btu/Wh):	10.4
COP at 5°F:	1.8
Cooling Capacity (Btu/h):	12000
Heating Capacity at 47°F (Btu/h):	12000
Heating Capacity at 5°F (Btu/h):	12000
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