Product specification sheet

HPMWBY011

A+++

General Information

Model	HPMWBY011
Construction type	Monoblock, Air-Water
Refrigerant	R290 (Propane)
Refrigerant weight	1250 grams

Capactiy

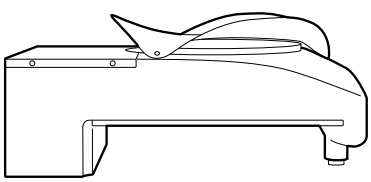
	At A-10W35	At A7W35	At A-10W55	At A7W55
Capacity	8 kW	11kW	8 kW	11kW
Capacity modulation range	1.8 - 8kW			
Maximum output temperature	70 °C			
Capacity control	Inverter			

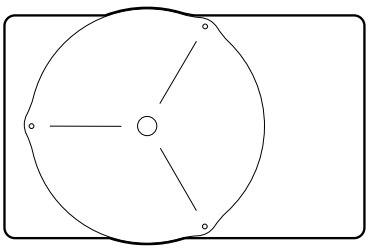
Sound

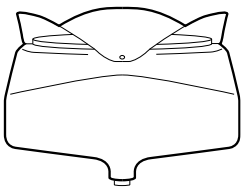
	Setting	dB (A)
Sound pressure at 3m* EN12102-1	5	44.0 dB(A)
	4	38.0 dB(A)
	3	35.0 dB(A)
	2	32.0 dB(A)
	1	31.0 dB(A)

Construction

Sound and vibration damping	EPP housing
	Vertically oriented evaporator and fan
	Integrated vibration dampers
Outdoor unit weight	78 kg
Dimensions	137 x 85 x 62 cm







*Sound pressure determined when placing in the middle of an extension of 3m x 3m x 3m.

Functionality

Connectivity	4G
	Smartphone App
	Updates Over-The-Air
	Remote diagnostics
Thermostat interface	OpenTherm or On/off
Power supply	1x 230 V, 16 A, 3600 W
Standby power consumption	0,028 kW

Energy efficiency measurements

Low-temperature application 35°C

EN14825 – average climate

Energy efficiency class		A+++	
Seasonal coefficient of power (SCOP)		4,7	
Seasonal space heating efficiency 'n_s'		184%	
Rated power 'P_{rated}'		8 kW	
COP and part load at indoor temp 20 °C and outdoor temperature T_j	Outdoor temp T_j	Part load[1]	COP
	Tj= -10 °C	7,5 kW	2.7
	Tj= -7 °C	6,7 kW	3.2
	Tj= +2 °C	4,4 kW	4.5
	Tj= +7 °C	2,9 kW	6.4
	Tj= +12 °C	3,4 kW	8.4

High-temperature application 55°C

EN14825 – average climate

Energy efficiency class		A++	
Seasonal coefficient of power (SCOP)		3.6	
Seasonal space heating efficiency 'n_s'		144%	
Rated power 'P_{rated}'		8 kW	
COP and part load at indoor temp 20 °C and outdoor temperature T_j	Outdoor temp T_j	Part load[1]	COP
	Tj= -10 °C	7,5 kW	1.9
	Tj= -7 °C	6,6 kW	2.2
	Tj= +2 °C	4,0 kW	3.4
	Tj= +7 °C	2,6 kW	4.3
	Tj= +12 °C	1,15 kW	5.7

*Sound pressure determined when placing in the middle of an extension of 3m x 3m x 3m.

Cooling application 18°C

	Outdoor temp Tj	Part load[1]	COP
COP and part load at indoor temp 18 °C and outdoor temperature T_j	Tj= +35 °C	4,7 kW	3.8
	Tj= +30 °C	3,6 kW	5.0
	Tj= +25 °C	3,0 kW	6.1
	Tj= +20 °C	3,1 kW	7.4

[1] *Note: Reported capacities are part load values per EN14825, simulating reduced heating demand at rising outdoor temperatures.*

*Sound pressure determined when placing in the middle of an extension of 3m x 3m x 3m.