

**AE120RXYDGG****Monobloc Air Source Heat Pump  
Gen 6****Key Features**

- ▶ Compact Design
- ▶ AAA+ rating
- ▶ 7 year warranty
- ▶ SmartThing<sup>2</sup>
- ▶ Solar Integration Enabled<sup>5</sup>

**Key Benefits**

- ▶ Minimal installation space
- ▶ Efficient to run
- ▶ Actively monitors solar PV generation
- ▶ Remote monitoring and control
- ▶ Technical support
- ▶ Homeowner support

**3 years standard warranty included.**

- ▶ For information about extended warranties contact Energy Lab  
Call: **01271 850 204** or Email: [sales@energylabuk.com](mailto:sales@energylabuk.com)

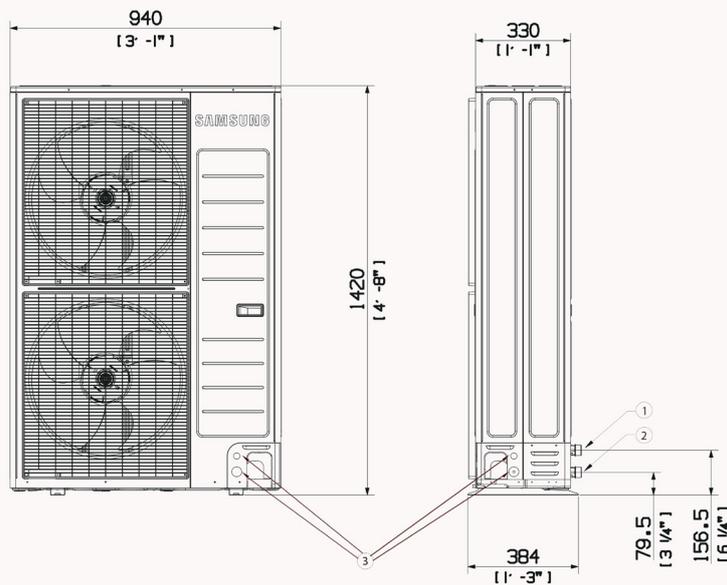


OUTDOOR UNIT				AE120RXYDGG
System	Operation	Nominal Capacity	Heating A7/W35 <sup>1</sup> W	12.000
			Cooling A35/W18 <sup>1</sup> W	12.000
	Power Input (Nominal)		Heating A7/W35 <sup>1</sup> W	2.650
			Cooling A35/W18 <sup>1</sup> W	2.770
	COP (Nominal Heating) A7/W35 <sup>1</sup>		W/W	4,53
	EER (Nominal Cooling) A35/W18 <sup>1</sup>		W/W	4,33
	Leaving Water Temperature <sup>2</sup>	Heating	°C	15~65
		Cooling	°C	5~25
		Ambient Temperature	Heating	°C
		Cooling	°C	10-46
		DHW	°C	-25-43
	Functions	2-Zone Control <sup>3</sup>	-	•
Outdoor Unit	Power Supply	Φ, V, Hz	3Φ, 380~415V, 50Hz	
	Compressor	Type	BLDC Twin Rotary	
	Base Heater		•	
	Sound	Sound Pressure <sup>4</sup>	Heating Std	dB(A) 50
			Cooling Std	dB(A) 50
		Sound Power	Heating Std	dB(A) 64
			Cooling Std	dB(A) 65
	Dimensions	Net Weight	kg	110,0
		Net Dimensions (WxHxD)	mm	940 x 1,420 x 330
	Refrigerant	Type		R32
Contain R32 (GWP=675) which is fluorinated greenhouse gas.				
Factory Charging		tCO <sub>2</sub> e	1,49	
	kg	2,20		

CAPACITY TABLE							
Water Temperature	Ambient Temperature						SCOP
	-10.0	-7.0	-2.0	2.0	7.0	10.0	
55.0	9.78	9.87	9.88	9.92	10.50	11.28	3.51
50.0	10.54	10.41	10.43	10.47	10.95	11.91	3.81
45.0	10.87	10.94	10.98	11.02	11.40	12.54	4.10
40.0	11.22	11.47	11.19	10.91	11.70	12.89	4.40
35.0	11.56	12.00	11.40	10.80	12.00	13.25	4.69

MCS Certification Number: 011-1W0446(2)

**DIMENSIONS**



Talk to our sales and distribution partner today.

01271 850 204 • sales@energylabuk.com  
energylabuk.com • @the-energy-lab-solutions

Supporting you at every install.

Registered Address: Millennium House, Brannam Crescent, Roundswell Business Park, Barnstaple, Devon, EX31 3TD United Kingdom | Company Number: 08586990