

**AE080RXYDGG****Monobloc Air Source Heat Pump  
Gen 6****Key Features**

- ▶ Compact Design
- ▶ AAA+ rating
- ▶ SmartThing<sup>2</sup>
- ▶ Solar Integration Enabled<sup>3</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)

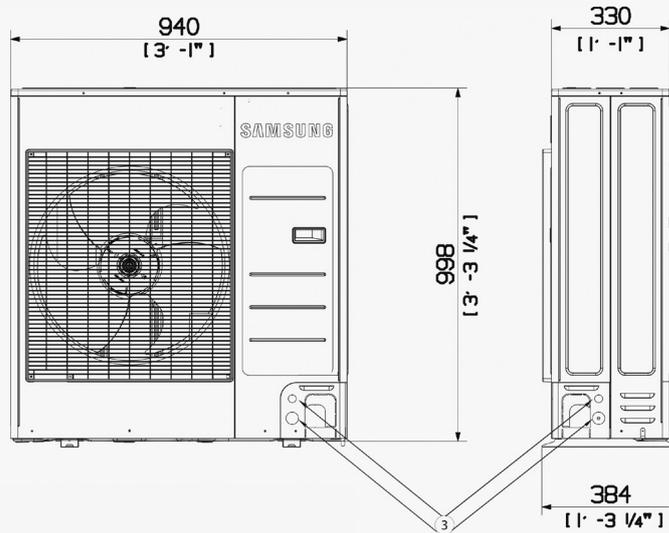


OUTDOOR UNIT				AE080RXYDGG
System	Operation	Nominal Capacity	Heating A7/W35 <sup>1</sup> W	8.000
			Cooling A35/W18 <sup>1</sup> W	7.500
	Power Input (Nominal)		Heating A7/W35 <sup>1</sup> W	1.770
			Cooling A35/W18 <sup>1</sup> W	1.900
	COP (Nominal Heating) A7/W35 <sup>1</sup>		W/W	4,52
	EER (Nominal Cooling) A35/W18 <sup>1</sup>		W/W	3,95
	Leaving Water Temperature <sup>2</sup>	Heating	°C	15-65
		Cooling	°C	5-25
		Ambient Temperature	Heating °C	-25-35
		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) 48
			Cooling Std	dB(A) 48
		Sound Power	Heating Std	dB(A) 63
			Cooling Std	dB(A) 64
	Dimensions	Net Weight	kg	75,0
		Net Dimensions (WxHxD)	mm	940 x 998 x 330
	Refrigerant	Type		R32
Contain R32 (GWP=675) which is fluorinated greenhouse gas.				
Factory Charging		tCO <sub>2</sub> e	0,78	
	kg	1,15		

CAPACITY TABLE							
Water Temperature	Ambient Temperature						SCOP
	-10.0	-7.0	-2.0	2.0	7.0	10.0	
55.0	6.33	5.71	6.03	5.85	8.00	8.15	3.23
50.0	6.83	6.31	6.37	6.18	8.05	8.61	3.53
45.0	7.04	6.91	6.71	6.50	8.10	9.06	3.84
40.0	7.26	7.13	6.94	6.75	8.55	9.47	4.14
35.0	7.49	7.35	7.18	7.00	9.00	9.89	4.44

MCS Certification Number: 011-1W0449(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