

## AE160RXYDEG

### 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)

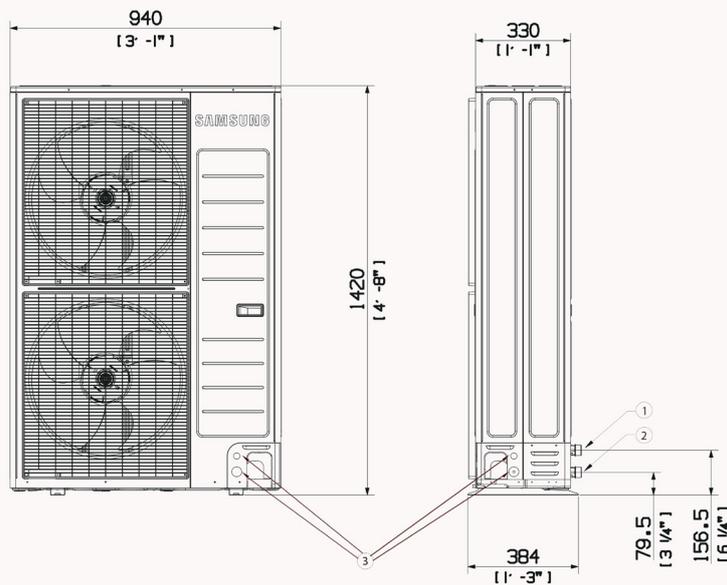


OUTDOOR UNIT				AE160RXYDEG	
System	Operation	Nominal Capacity	Heating A7/W35 <sup>1</sup>	W 16.000	
			Cooling A35/W18 <sup>1</sup>	W 14.000	
	Power Input (Nominal)		Heating A7/W35 <sup>1</sup>	W 3.620	
			Cooling A35/W18 <sup>1</sup>	W 3.280	
	COP (Nominal Heating) A7/W35 <sup>1</sup>			W/W 4,42	
	EER (Nominal Cooling) A35/W18 <sup>1</sup>			W/W 4,27	
	Leaving Water Temperature <sup>2</sup>	Heating	°C	15-65	
			°C	5-25	
		Cooling	°C	-25-35	
	Ambient Temperature	Heating	°C	-25-35	
			°C	10-46	
		DHW	°C	-25-43	
Functions	2-Zone Control <sup>3</sup>	-	•		
Outdoor Unit	Power Supply		Φ, V, Hz	1Φ, 220-240V, 50Hz	
	Compressor	Type	-	BLDC Twin Rotary	
	Base Heater		-	•	
	Sound	Sound Pressure <sup>4</sup>	Heating Std	dB(A)	52
			Cooling Std	dB(A)	54
		Sound Power	Heating Std	dB(A)	66
			Cooling Std	dB(A)	68
	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	11.94	12.86	11.63	10.03	14.50	14.43	3.53
50.0	12.87	13.79	12.28	10.58	14.60	15.24	3.77
45.0	13.27	14.71	12.93	11.14	14.70	16.04	4.01
40.0	13.69	14.66	13.41	12.17	15.35	16.71	4.24
35.0	14.11	14.60	13.90	13.20	16.00	17.38	4.48

MCS Certification Number: 007-CU0104(4)

**DIMENSIONS**



Talk to our sales and distribution partner today.

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Supporting you at every install.

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