

Joule Air Source Heat Pumps - Specification

Joule-Samsung Mono Specification

R32

A+++



		Outdoor Unit			HHSM-G600005-1	HHSM-G600008-1	HHSM-G600012-1	HHSM-G600016-1
		Controller			HZSMC-G6000000	HZSMC-G6000000	HZSMC-G6000000	HZSMC-G6000000
System	Operation	Nominal Capacity	Heating A7/W35 ¹ /A7/W55 ²	W	5.000/4.300	8.000/7.100	12.000/11.300	16.000/15.000
			Cooling A35/W18 ¹	W	5.000	7.500	12.000	14.000
	Power Input (Nominal)		Heating A7/W35 ¹ /A7/W55 ²	W	1.030/1.520	1.770/2.530	2.650/3.730	3.620/5.180
				Cooling A35/W18 ¹	W	1.140	1.900	2.770
			COP (Nominal Heating) A7/W35 ¹ /A7/W55 ²	W/W	4,85/2,83	4,52/2,81	4,53/3,03	4,42/2,90
			EER (Nominal Cooling) A35/W18 ¹	W/W	4,39	3,95	4,33	4,27
			SCOP LWT 350 ³ /550 ³	W/W	4,46/3,2	4,44/3,23	4,69/3,51	4,48/3,53
			Average Seasonal Space Heating Eff.Class*	-	A+++/A++	A+++/A++	A+++/A++	A+++/A++
	Current		MCA	A	16,00	22,00	28,00	32,00
				MFA	A	20,00	27,50	35,00
	Water Flow Rate		Min	l/min	7,00	7,00	12,00	12,00
				Max	l/min	48,00	48,00	58,00
	Leaving Water Temp		Heating	°C	15-65	15-65	15-65	15-65
				Cooling	°C	5-25	5-25	5-25
	Function		Smart Grid Ready	-	●	●	●	●
				PV Enabled	-	●	●	●
2-Zone Control				-	●	●	●	●
Indoor Compact Unit	Power Supply		0,#,V,Hz	220-240V, 50Hz, 1	220-240V, 50Hz, 1	220-240V, 50Hz, 1	220-240V, 50Hz, 1	
	Water Tank Volume		Litres	180/230	180/230	180/230	180/230	
	Declared Load Profile		L/XL					
	Energy Efficiency Class		-	A	A	A	A	
	Sound	Sound Pressure	Heating/ Cooling Std	dB(A)				
		Sound Power	Heating Std	dB(A)				
	Dimensions	Net Weight		kg	85/90	85/90	85/90	85/90
Net Dimensions (WxHxD)			mm	1950 x 595 x 625	1950 x 595 x 625	1950 x 595 x 625	1950 x 595 x 625	
Outdoor Unit	Power Supply		0,#,V,Hz	10,220-240V,50Hz	10,220-240V,50Hz	10,220-240V,50Hz	10,220-240V,50Hz	
	Compressor	Type	-	BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary	
	Base Heater		-	--	●	●	●	
	Sound	Sound	Heating Std	dB(A)	45	48	50	52
		Pressure	Cooling Std	dB(A)	45	48	50	54
		Sound	Heating Std	dB(A)	61	63	64	66
		Power	Cooling Std	dB(A)	62	64	65	68
	Dimensions	Net Weight		Kg	58.5	76	110	110
		Net Dimensions (WxHxD)		mm	880 x 798 x 310	940 x 998 x 330	940 x 1420 x 330	940 x 1420 x 330
	Refrigerant	Type		-	R32	R32	R32	R32
Factory Charging			tCO2e	0,68	0,78	1,49	1,49	
			kg	1,00	1,15	2,20	2,20	
Piping	Water Pipe	Inlet/Outlet	Ø,mm	28/28	28/28	28/28	28/28	
	Water Pipe (DHW)	Inlet/Outlet	Ø,mm	22/22	22/22	22/22	22/22	
Operation	Ambient Temperature	Heating	°C	-25-35	-25-35	-25-35	-25-35	
		Cooling	°C	10-46	10-46	10-46	10-46	
		DHW	°C	-25-43	-25-43	-25-43	-25-43	