

Residential MultiSplit OUTDOOR UNITS

Haier



1:2 2U40S2SM1FA
2U50S2SM1FA



1:3 3U55S2SR3FA
3U70S2SR3FA



1:4 4U75S2SR3FA
4U85S2SR3FA



1:5 5U90S2SS3FA
5U105S2SS3FA

4.0 kW

5.0 kW

5.5 Kw

7.0 kW

7.5 kW

8.5 kW

9.0 kW

10.5 kW

MULTISPLIT RESIDENTIAL

OUTDOOR UNIT	Model	2U40S2SM1FA	2U50S2SM1FA	3U55S2SR3FA	3U70S2SR3FA	4U75S2SR3FA	4U85S2SR3FA	5U90S2SS3FA	5U105S2SS3FA	
	Max IU	2		3		4		5		
Performance data										
Output power - COOLING	nom (min-max)	kW	4.0 (1.1 - 4.8)	5.0 (1.3 - 6.0)	5.5 (2.1 - 7.0)	7.0 (2.4 - 7.6)	7.5 (2.4 - 8.7)	8.5 (3.2 - 9.5)	9.0 (3.2 - 11.0)	10.0 (3.2 - 11.0)
Output power - HEATING	nom (min-max)	kW	4.4 (1.8 - 5.2)	5.7 (1.8 - 6.6)	6.8 (1.7 - 7.6)	7.6 (2.9-8.5)	8.6 (3.1 - 10.0)	9.6 (4.4 - 10.5)	10.4 (4.4 - 11.5)	10.5 (4.4 - 11.5)
Absorbed power - COOLING	nom (min-max)	kW	1.0 (0.3 - 1.65)	1.5 (0.3 - 2.4)	1.35	1.84	1.97	2.5	2.79	3.47
Absorbed power - HEATING	nom (min-max)	kW	1.0 (0.38 - 2.25)	1.4 (0.5 - 2.8)	1.66	1.85	2.15	2.4	2.79	2.84
Energy class	EER		4.0	3.45	4.0	3.81	3.8	3.4	3.23	2.88
Energy class	COP		4.1	3.70	4.1	4.1	4.0	4.0	3.73	3.7
COOLING Pdesign	capacity (35°)	kW	4.0	5.0	5.5	7.0	7.5	8.5	9.0	10
HEATING Pdesign	capacity (-10°)	kW	3.3	4.7	4.7	6.0	6.3	7.0	7.2	8.0
Energy class - COOLING	SEER		6.2 (A++)	6.5 (A++)	8.5 (A+++)	7.5 (A++)	7.0 (A++)	7.0 (A++)	7.0 (A++)	7.0 (A++)
Energy class - HEATING	SCOP		4.0 (A+)	4.0 (A+)	4.0 (A+)	4.2 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)
Annual Energy Consumption - COOLING	kWh/y		226	269	227	332	379	456	457	537
Annual Energy Consumption - HEATING	kWh/y		1155	1645	1678	2012	2179	2503	2441	2889
Outdoor Unit										
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Treated air volume	H	m³/h	2200	2400	3000	3000	4000	4000	4200	4200
Sound power - COOLING		dB	62	63	64	66	68	68	71	71
Sound pressure - COOLING		dB(A)	52	53	51	53	55	55	55	55
Running Current	Cooling	Max A	7.5	11.5	10.8	11.9	14.7	15.5	17.6	17.8
	Heating	Max A	10.1	12.5	9.5	9.7	13.5	14.6	14.6	14.6
Starting Current	Cooling/ Heating	A	1.4 / 1.7	1.6 / 2.5	4 / 4	4 / 4	5 / 5	5 / 5	5 / 5	5 / 5
Cable		N x mm²	3 x 2.5	3 x 2.5	3 x 4.0	3 x 4.0	3 x 4.0	3 x 4.0	3 x 4.0	3 x 4.0
Interconnecting cable		N x mm²	4 x 1.0	4 x 1.0	4 x 2.5	4 x 2.5	4 x 2.5	4 x 2.5	4 x 2.5	4 x 2.5
Dimensions	WxDxH	mm	800x275x553	800x275x553	890x340x700	890x340x700	890x340x700	890x340x700	920x372x760	920x372x760
Net weight		Kg	34	36	51	54	61	61	66	66
Compressor type			Inverter twin rotary							
Compressor brand			Mitsubishi							
Installation data										
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32
Liquid pipe	Ø	Inch	2x1/4	2x1/4	3x1/4	3x1/4	4x1/4	4x1/4	5x1/4	5x1/4
Gas pipe	Ø	Inch	2x3/8	2x3/8	3x3/8	3x3/8	3x3/8 + 1x1/2	3x3/8 + 1x1/2	3x3/8 + 2x1/2	3x3/8 + 2x1/2
Total maximum pipe length		m	30	30	50	60	70	70	80	80
Maximum single line OU-IU pipe length		m	20	20	25	25	25	25	25	25
Standard pipe length without refrigerant charge		m	20	20	30	30	40	40	40	40
Maximum IU - OU elevation		m	15	15	15	15	15	15	15	15
Max IU - IU elevation		m	15	15	7.5	7.5	7.5	7.5	7.5	7.5
Refrigerant charge in the factory	R32	Kg	1.0	1.4	1.6	1.6	2.2	2.2	2.4	2.4
Equivalent tons of CO ₂		tCO ₂ EQ	0.67	0.81	1.08	1.08	1.48	1.48	1.62	1.62
Additional refrigerant charge	R32	g/m	20	20	20	20	20	20	20	20
Operating limits - COOLING	min-max	°C	-10-43°C			-10-46°C				
Operating limits - HEATING	min-max	°C	-15-24°C							
List Price	Outdoor Unit		£1085.00	£1240.00	£1860.00	£2080.00	£2655.00	£2790.00	£2920.00	£3005.00

DATA PENDING CONFIRMATION

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.