Residential MultiSplit OUTDOOR UNITS

Haier

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

1:2 2U40S2SM1FA
2U50S2SM1FA

1:3 3U55S2SR2FA
3U70S2SR2FA

1:4 4U75S2SR2FA
4U85S2SR2FA

1:5 5U90S2SS2FA
5U105S2SS2FA

OUTDOOR UNIT	Model		2U40S2SM1FA	2U50S2SM1FA	3U55S2SR2FA	3U70S2SR2FA	4U75S2SR2FA	4U85S2SR2FA	5U90S2SS2FA	5U105S2SS2FA
	Commercial code		2502323B2	2502325B2	2502325H2	2502325L2	2502326C2	2502327C2	2502327H2	2502328B2
	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 - 7.3)	7.0 (2.4 - 8.4)	7.5 (2.4 - 8.7)	8.5 (3.2 - 9.5)	9.0 (3.2 - 11.5)	10.0 (1.5 - 11.5)
Output power - HEATING	nom (min-max)	kW	4.4 (1.8 - 5.2)	5.7 (1.8 - 6.6)	6.8 (1.7 - 8.3)	7.6 (2.9-10.6)	8.6 (3.1 - 10.7)	9.6 (4.4 - 10.7)	10.4 (4.4 - 12.0)	10.5 (4.4 - 12.0)
Absorbed power - COOLING	nom (min-max)	kW	1.0 (0.3 - 1.65)	1.5 (0.3 - 2.4)	1.38	1.66	1.7	2.23	2.85	2.76
Absorbed power - HEATING	nom (min-max)	kW	1.0 (0.38 - 2.25)	1.4 (0.5 - 2.8)	1.55	1.86	1.8	2.23	2.75	2.73
Energy class	EER		4.0	3.45	4.0	3.81	3.8	3.21	3.23	2.88
Energy class	COP		4.1	3.70	4.4	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++)	7.5 (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	258	332	379	456	550	537
Annual Energy Consumption - HEATING		kWh/y	1155	1645	1679	2012	2179	2503	2889	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	m^3/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
Dimensions	WxDxH	mm	800x275x553	800x275x553	890x340x700	890x340x700	890x340x700	890x340x700	920x760x372	920x760x372
Net weight		Kg	34	36	51	54	61	61	66	66
Installation data										
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32
Liquid pipe	Ø	mm	2x6.35	2x6.35	3x6.35	3x6.35	4x6.35	4x6.35	5x6.35	5x6.35
Gas pipe	Ø	mm	2x9.52	2x9.52	3x9.52	3x9.52	3x9.52 + 1x12.7	3x9.52 + 1x12.7	3x9.52 + 2x12.7	3x9.52 + 2x12.7
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_2EQ	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	-10-43°C	-10-46°C	-10-46°C	-10-46°C	-10-46°C	-10-46°C	-10-46°C
Operating limits - HEATING	min-max	°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C

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.