Haier

OUTDOOR UNITS

4,0 kW | 8,5 kW
5,0 kW | 9,0 kW
5,5 kW | 10,5 kW
7,0 kW | 12,5 kW
7,5 kW



1:2 2U40S2SM1FA
2U50S2SM1FA-3



1:3 3U55S2SR5FA
3U70S2SR5FA

MODEL			2U40S2SM1FA	2U50S2M1FA-3	3U55S2SR5FA	3U70S2SR5FA
Performance data						
Output power - COOLING	nom (min-max)	kW	4,00 (1,10-4,50)	4,60 (1,30-6,00)	5,50 (2,10-7,00)	7,00 (2,40-7,60)
Output power - HEATING	nom (min-max)	kW	4,40 (1,50-4,80)	5,20 (1,60-6,50)	6,80 (1,70-7,60)	7,60 (2,90-8,50)
Absorbed power – COOLING	nom (min-max)	kW	0,89 (0,30-1,65)	1,07 (0,35-2,01)	1,35	1,84
Absorbed power – HEATING	nom (min-max)	kW	0,98 (0,38-1,80)	1,21 (0,52-2,00)	1,66	1,85
Energy class	EER	W/W	4,50	4,3	4,00	3,81
	COP	W/W	4,50	4,3	4,10	4,10
COOLING Pdesign	35 °C	kW	4,00	4,60	5,50	7,00
HEATING Pdesign	(-10 °C)	kW	3,70	3,80	4,70	6,00
Energy class	SEER		8,50 (A+++)	8,50 (A+++)	8,50 (A+++)	7,50 (A++)
	SCOP		4,60 (A++)	4,60 (A++)	4,00 (A+)	4,20 (A+)
Annual Energy Consumption - COOLING		kWh/a	165	189	227	332
Annual Energy Consumption - HEATING		kWh/a	1126	1157	1678	2012
Outdoor Unit						
Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
Power cable		N x mm2	3 x 2,5	3 x 2,5	3 x 4,0	3 x 4,0
Interconnection cable		N x mm2	4 x 1,0	4 x 1,0	4 x 2,5	4 x 2,5
Air volume	H	m3/h	2200	2400	3000	3000
Sound power	H	dB	62	63	64	66
Sound pressure	H	dB(A)	56	56	51	53
Running current cooling/heating	Max	A	7,4/8,2	9,0/8,9	10,8/9,5	11,9/9,7
Starting current cooling/heating	Max	A	1,0/1,0	1,0/1,0	4,0/4,0	4,0/4,0
Net dimensions	WxDxH	mm	800x280x550	800x280x550	890x340x700	890x340x700
Packaging dimensions	WxDxH	mm	908x405x625	908x405x625	1010x455x835	1010x455x835
Net/gross weight		kg	34,0/37,0	36,0/39,0	50,0/59,0	54,0/63,0
Compressor type			Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	2×6,35 (3x1/4)	2×6,35 (3x1/4)	3×6,35 (3x1/4)	3×6,35 (3x1/4)
Gas pipe	Ø	mm (inch)	2×9,52 (3x3/8)	2×9,52 (3x3/8)	3×9,52 (3x3/8)	3×9,52 (3x3/8)
Standard pipe length without refrigerant charge		m	20	20	30	30
Maximum pipe length		m	20 (single) 30 (double)	20 (single) 30 (double)	50	60
Maximum IU - OU elevation		m	15	15	15	15
Maximum IU - IU elevation		m	7,5	7,5	7,5	7,5
Refrigerant charge in the factory		kg	1,00	1,10	1,40	1,60
Refrigerant charge in the factory		TCO2eq	0,68	0,74	0,95	1,08
Additional ref. charge over std length		g/m	20	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	-10~43°C	-10~43°C	-10~46°C	-10~46°C
Operating limits - HEATING (in/out)	min-max	°C	-15~24°C	-15~24°C	-15~24°C	-15~24°C

Data combination based on our Expert Unit. Data can vary with other indoor units.

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1:4 4U75S2SR5FA
4U85S2SR5FA



1:5 5U90S2SS5FA
5U105S2SS5FA
5U125S2SN1FA



3S

1:3 3U55S2WR1FA

1:4 4U70S2WR1FA

	4U75S2SR5FA	4U85S2SR5FA	5U90S2SS5FA	5U105S2SS5FA	5U125S2SN1FA	3U55S2WR1FA	4U70S2WR1FA
	7,50 (2,40-8,70)	8,50 (3,20-9,50)	9,00 (3,20-11,00)	10,00 (3,20-11,00)	12,50 (3,20-13,80)	5,40	7,00
	8,60 (3,10-10,00)	9,60 (4,40-10,50)	10,40 (4,40-11,50)	10,50 (4,40-11,50)	12,70 (4,40-14,30)	5,00	6,00
	1,97	2,50	2,79	3,47	3,87	1,34	1,8
	2,15	2,40	2,79	2,82	3,40	1,68	2,0
	3,80	3,40	3,23	2,88	3,23	4,05	3,90
	4,00	4,00	3,73	3,73	3,73	4,20	4,30
	7,50	8,00	9,00	10,00	12,50	5,4	7,0
	6,30	7,00	7,20	8,00	9,50	5,0	6,0
	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,10 (A++)	8,5 (A+++)	8 (A++)
	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,05 (A+)	4,6 (A++)	4,3 (A+)
	379	456	457	537	622	240	320
	2179	2503	2441	2889	3346	1680	1922
	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
	3 x 4,0	3 x 4,0	3 x 4,0	3 x 4,0	3 x 4,0	3 x 4,0	3 x 4,0
	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5
	4000	4000	4200	4200	4200	3000	3000
	68	68	70	70	73	63	63
	55	55	55	55	58	53	53
	14,7/13,5	15,5/14,6	18,2/14,6	18,2/14,6	23,0/18,7	12,6/11,5	13/12
	5,0/5,0	5,0/5,0	5,0/5,0	5,0/5,0	5,0/5,0	4,0/4,0	4,0/4,0
	890x340x700	890x340x700	920x372x765	920x372x765	950x370x965	890x340x700	890x340x700
	1010x455x835	1010x455x835	1045x488x890	1045x488x890	1050x485x1170	1010x455x875	1010x455x875
	61,0/70,0	61,0/70,0	66,0/77,0	66,0/77,0	79,0/91,0	55/65	56/66
	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary (DC inverter)	Twin Rotary (DC inverter)
	R32	R32	R32	R32	R32	R32	R32
	4×6,35 (4x1/4)	4×6,35 (4x1/4)	5×6,35 (5x1/4)	5×6,35 (5x1/4)	5×6,35 (5x1/4)	3*Ø6,35 (3x1/4)	4*Ø6,35 (4x1/4)
	3×9,52+1×12,70 (3x3/8+1x1/2)	3×9,52+1×12,70 (3x3/8+1x1/2)	3×9,52+2×12,70 (3x3/8+2x1/2)	3×9,52+2×12,70 (3x3/8+2x1/2)	3×9,52+2×12,70 (3x3/8+2x1/2)	3*Ø9,52 (3x3/8)	4*Ø9,52 (3x3/8)
	40	40	40	40	50	30	30
	70	70	80	80	100	50	50
	15	15	15	15	15	15	15
	7,5	7,5	7,5	7,5	7,5	7,5	7,5
	1,60	2,20	2,40	2,40	2,50	1,8	1,9
	1,08	1,49	1,62	1,62	1,69	1,22	1,28
	20	20	20	20	20	20	20
	-10~46°C	-10~46°C	-10~46°C	-10~46°C	-10~46°C	-10~46°C	-10~46°C
	-15~24°C	-15~24°C	-15~24°C	-15~24°C	-15~24°C	-15~24°C	-15~24°C

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