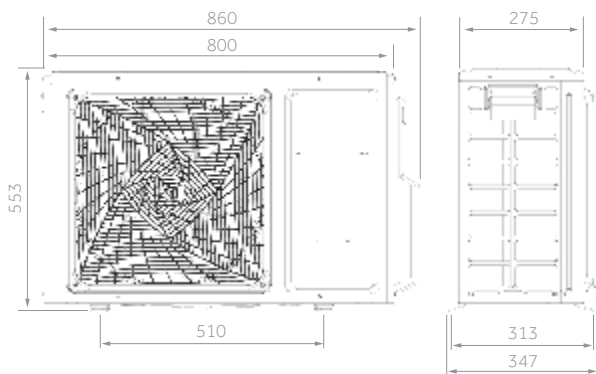


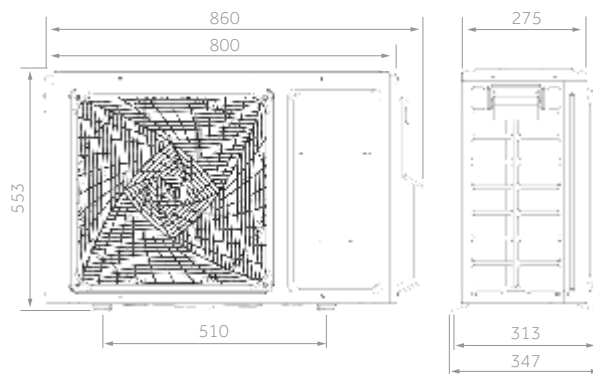
Residential MultiSplit OUTDOOR UNITS

2U40S2SM1FA (2 couplings)



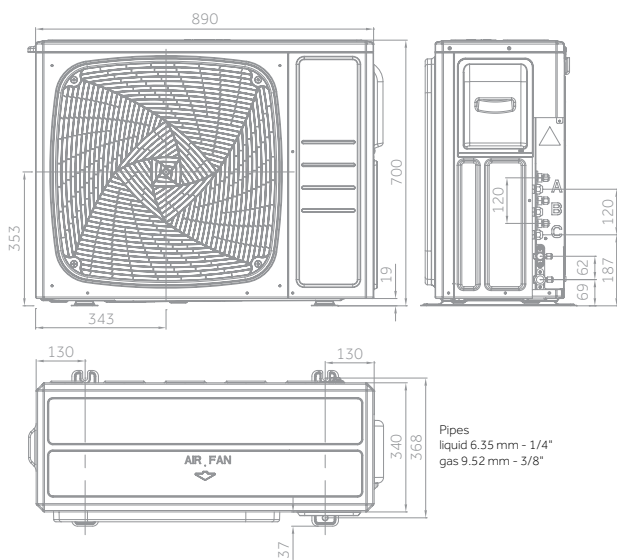
Tubazioni
liquido 6,35mm - (1/4")
gas 9,52mm - (3/8")

2U50S2SM1FA-3 (2 couplings)



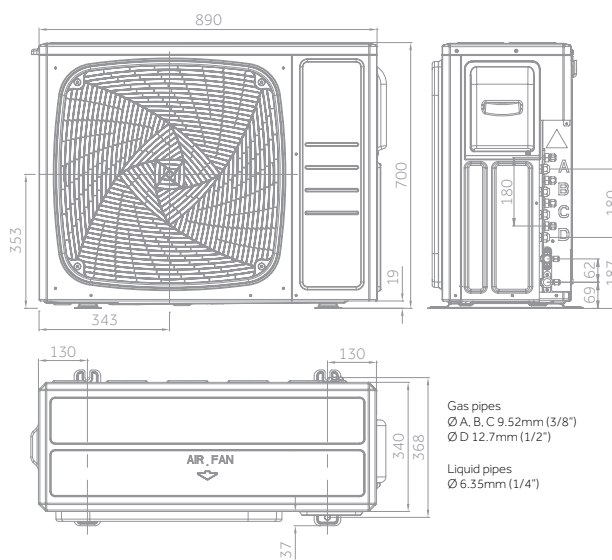
Tubazioni
liquido 6,35mm - (1/4")
gas 9,52mm - (3/8")

3U55S2SR5FA - 3U70S2SR5FA (3 couplings)



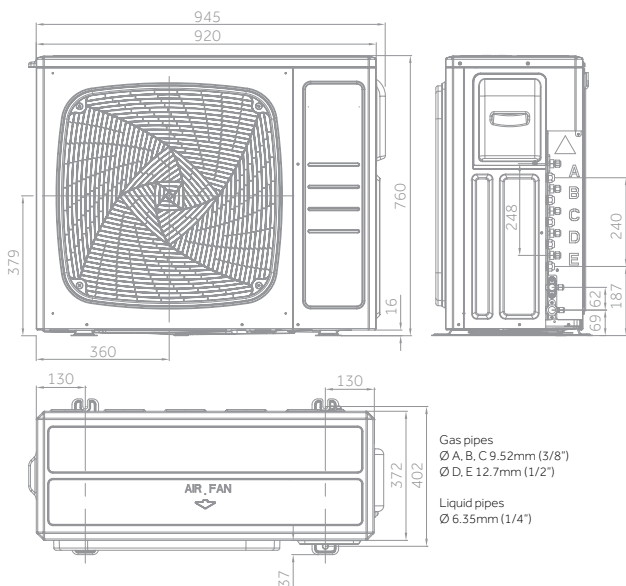
Pipes
liquid 6.35 mm - 1/4"
gas 9.52 mm - 3/8"

4U75S2SR5FA - 4U85S2SR5FA (4 couplings)



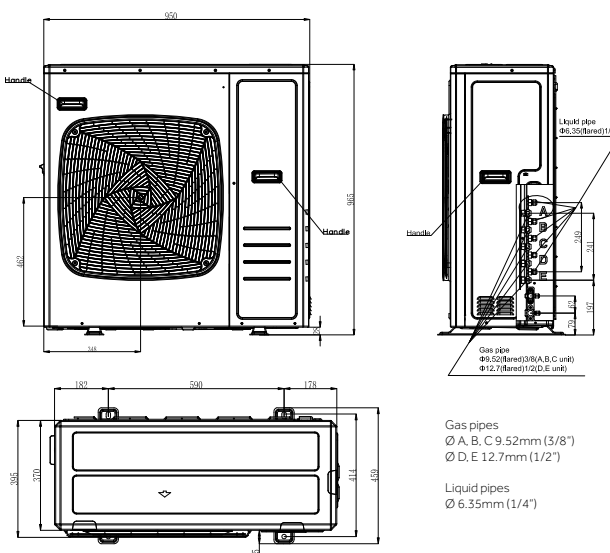
Gas pipes
Ø A, B, C 9.52mm (3/8")
Ø D 12.7mm (1/2")
Liquid pipes
Ø 6.35mm (1/4")

5U90S2SS5FA - 5U105S2SS5FA (5 couplings)



Gas pipes
Ø A, B, C 9.52mm (3/8")
Ø D, E 12.7mm (1/2")
Liquid pipes
Ø 6.35mm (1/4")

5U125S2SN1FA (5 couplings)



Gas pipes
Ø A, B, C 9.52mm (3/8")
Ø D, E 12.7mm (1/2")
Liquid pipes
Ø 6.35mm (1/4")

Residential MultiSplit OUTDOOR UNITS

Haier

MULTISPLIT RESIDENTIAL



1:2 2U40S2SM1FA
2U50S2SM1FA-3



1:3 3U55S2SR5FA
3U70S2SR5FA



1:4 4U75S2SR5FA
4U85S2SR5FA



1:5 5U90S2SS5FA
5U105S2SS5FA
5U125S2SN1FA **NEW**

*Expected launch date July 2022

NEW

4,0 kW

5,0 kW

5,5 Kw

7,0 kW

7,5 kW

8,5 kW

9,0 kW

10,5 kW

12,5 kW

Outdoor UNIT	Model		2U40S2SM1FA	2U50S2SM1FA-3	3U55S2SR5FA	3U70S2SR5FA	4U75S2SR5FA	4U85S2SR5FA	5U90S2SS5FA	5U105S2SS5FA	5U125S2SN1FA
Performance data											
Output power - COOLING	nom (min-max)	kW	4,00 (1,00-4,50)	5,00 (1,10-5,60)	5,50 (2,10-7,00)	7,00 (2,40-7,60)	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)
Output power - HEATING	nom (min-max)	kW	4,40 (1,50-4,80)	5,20 (1,40-6,00)	6,80 (1,70-7,60)	7,60 (2,90-8,50)	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)
Absorbed power - COOLING	nom	kW	1,00	1,43	1,35	1,84	1,97	2,50	2,79	3,47	3,87
Absorbed power - HEATING	nom	kW	1,07	1,40	1,66	1,85	2,15	2,40	2,79	2,82	3,40
Energy class	EER	W/W	4,00	3,45	4,00	3,81	3,80	3,40	3,23	2,88	3,23
	COP	W/W	4,10	3,71	4,10	4,10	4,00	4,00	3,73	3,73	3,73
COOLING Pdesign	35 °C	kW	4,00	5,00	5,50	7,00	7,50	8,00	9,00	10,00	12,50
HEATING Pdesign	(-10 °C)	kW	3,30	4,70	4,70	6,00	6,30	7,00	7,20	8,00	9,50
Energy class	SEER		6,50 (A++)	6,50 (A++)	8,50 (A+++)	7,50 (A++)	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,10 (A++)
	SCOP		4,00 (A+)	4,00 (A+)	4,00 (A+)	4,20 (A+)	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,05 (A+)
Annual Energy Consumption - COOLING		kWh/a	269	269	227	332	379	456	457	537	622
Annual Energy Consumption - HEATING		kWh/a	1645	1645	1678	2012	2179	2503	2441	2889	3346
Outdoor unit											
Power supply		Ph/V/Hz	1/220-240/50/60								
Power cable		N x mm ²	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	3 x 4,0
Interconnection cable		N x mm ²	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	4 x 2,5
Air volume	H	m ³ /h	2200	2400	3000	3000	4000	4000	4200	4200	4200
Sound power	H	dB	62	63	64	66	68	68	70	70	73
Sound pressure	H	dB(A)	52	53	51	53	55	55	55	55	58
Running current cooling/heating	Max	A	7,3/8,2	9,1/9,1	10,8/9,5	11,9/9,7	14,7/13,5	15,5/14,6	18,2/14,6	18,2/14,6	23,0/18,7
Starting current cooling/heating	Max	A	3,0/3,0	3,0/3,0	4,0/4,0	4,0/4,0	5,0/5,0	5,0/5,0	5,0/5,0	5,0/5,0	5,0/5,0
Net dimensions	WxDxH	mm	800x275x553	800x275x553	890x340x700	890x340x700	890x340x700	890x340x700	920x372x760	920x372x760	950x370x965
Packaging dimensions	WxDxH	mm	954x409x625	954x409x625	1010x455x835	1010x455x835	1010x455x835	1010x455x835	1045x488x890	1045x488x890	1050x485x1170
Net/gross weight		kg	34,0/37,0	36,0/39,0	50,0/59,0	54,0/63,0	61,0/70,0	61,0/70,0	66,0/77,0	66,0/77,0	79,0/91,0
Compressor type			Twin Rotary Inverter								
Installation data											
Refrigerant			R32	R32	R32	R32	R32	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)	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)
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)	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)
Standard pipe length without refrigerant charge		m	20	20	30	30	40	40	40	40	50
Maximum pipe length		m	30	30	50	60	70	70	80	80	100
Maximum IU - OU elevation		m	15	15	15	15	15	15	15	15	15
Maximum IU - IU elevation		m	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Refrigerant charge in the factory		kg	1,00	1,40	1,40	1,60	1,60	2,20	2,40	2,40	2,50
Refrigerant charge in the factory		TCO ₂ eq	0,68	0,95	0,95	1,08	1,08	1,49	1,62	1,62	1,69
Additional ref. charge over std length		g/m	20	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								