

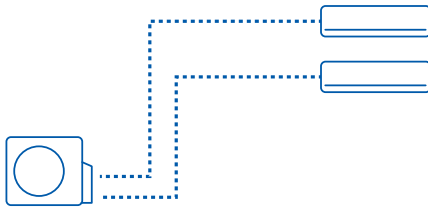
# MULTISPLIT



# MULTISPLIT INVERTER

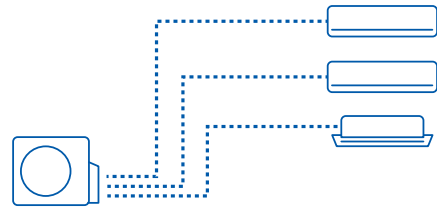
OUTDOOR UNITS MULTISPLIT R32									MULTISPLIT 3S												
4,0 kW	5,0 kW	5,5 Kw	7,0 kW	7,5 kW	8,5 kW	9,0 kW	10,5 kW	12,5kW	5,5kW	7,0kW											
1:2		1:3		1:4		1:5			1:3	1:4											
2U40S2SM1FA		2U50S2SM1FA-3		3U55S2SR5FA		3U70S2SR5FA		4U75S2SR5FA		4U85S2SR5FA		5U90S2SS5FA		5U105S2SS5FA		5U125S2SN1FA		3U55S2WR1FA		4U70S2WR1FA	
Self-clean																					

### COMPATIBLE UNITS 1:2



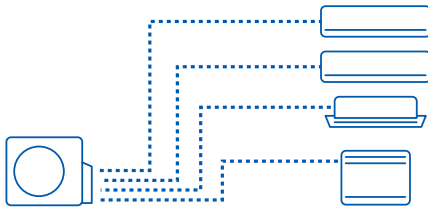
Wall = Wall Only

### COMPATIBLE UNITS 1:3



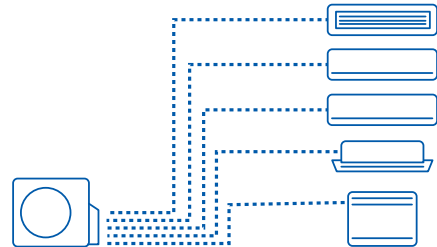
Wall - Cassettes - Floor Ceiling - Console - Ducted

### COMPATIBLE UNITS 1:4



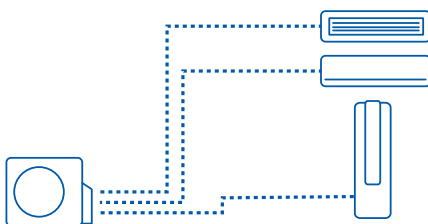
Wall - Cassettes - Floor Ceiling - Console - Ducted

### COMPATIBLE UNITS 1:5



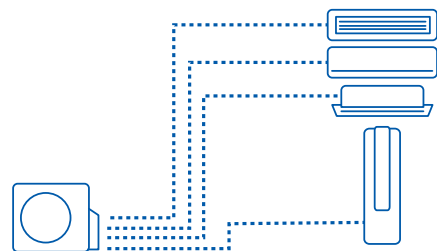
Wall - Cassettes - Floor Ceiling - Console - Ducted

### 3S COMPATIBLE UNITS 1:3



Wall - Cassettes - Floor Ceiling - Console - Ducted - Tanks

### 3S COMPATIBLE UNITS 1:4



Wall - Cassettes - Floor Ceiling - Console - Ducted - Tanks

## MultiSplit OUTDOOR UNITS



**1:2** 2U40S2SM1FA  
2U50S2SM1FA-3



**1:3** 3U55S2SR5FA  
3U70S2SR5FA



**1:4** 4U75S2SR5FA  
4U85S2SR5FA

Outdoor UNIT	Model		2U40S2SM1FA	2U50S2M1FA-3	3U55S2SR5FA	3U70S2SR5FA
<b>Performance data</b>						
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	kW	0,89 (0,30-1,65)	1,07 (0,35-2,01)	1,35	1,84
Absorbed power - HEATING	nom	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
<b>Outdoor unit</b>						
Power supply		Ph/V/Hz	1/220-240/50/60			
Power cable		N x mm <sup>2</sup>	3 x 2,5	3 x 2,5	3 x 4,0	3 x 4,0
Interconnection cable		N x mm <sup>2</sup>	4 x 1,0	4 x 1,0	4 x 2,5	4 x 2,5
Air volume	H	m <sup>3</sup> /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			
<b>Installation data</b>						
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	5	5	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	min-max	°C	-10-43°C		-10-46°C	
Operating limits - HEATING	min-max	°C	-15-24°C			

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

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.

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



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



**3S**  
3U55S2WR1FA



**3S**  
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	
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 (DC inverter)	
R32	R32	R32	R32	R32	R32	R32
4x6,35 (4x1/4)	4x6,35 (4x1/4)	5x6,35 (5x1/4)	5x6,35 (5x1/4)	5x6,35 (5x1/4)	3*Ø6,35 (3x1/4)	4*Ø6,35 (4x1/4)
3x9,52+1x12,70 (3x3/8+1x1/2)		3x9,52+2x12,70 (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	
-15-24°C					-15-24°C	



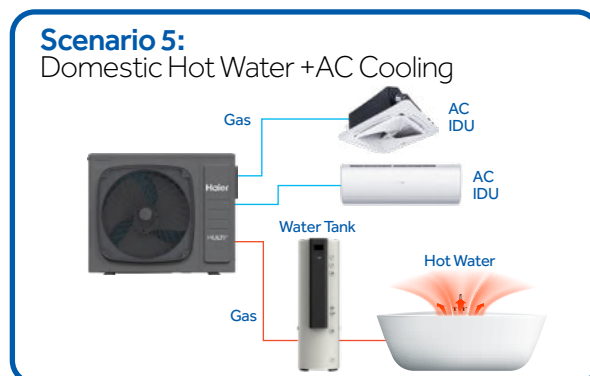
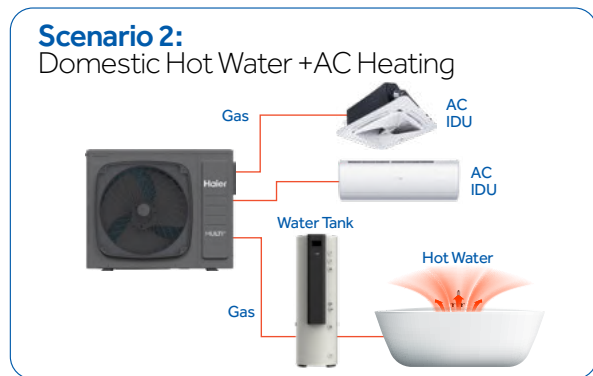
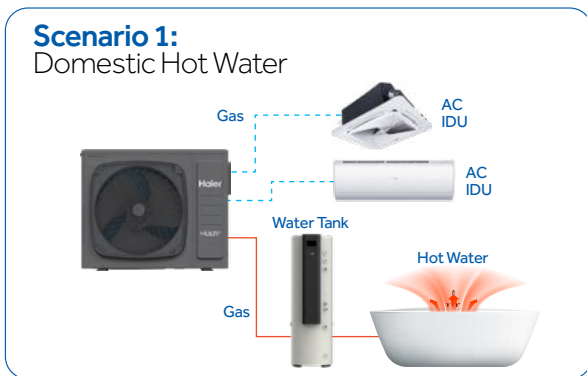
## COMPATIBILITY

Wall Mount						
Jade	Expert	Flexis Plus	Pearl Premium	Revive Plus		

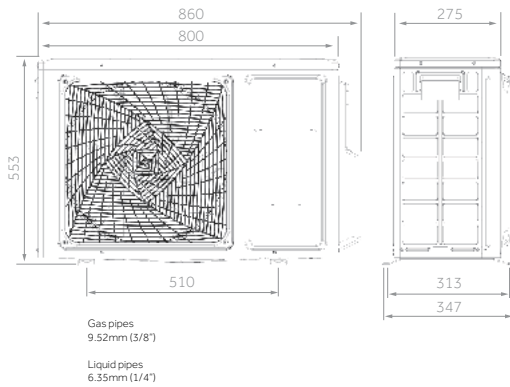
LCAC						
Console	Compact Cassette	Round Way Cassette	1 Way Cassette	Convertible	Slim Duct	Med ESP Ducted

## SCENARIOS

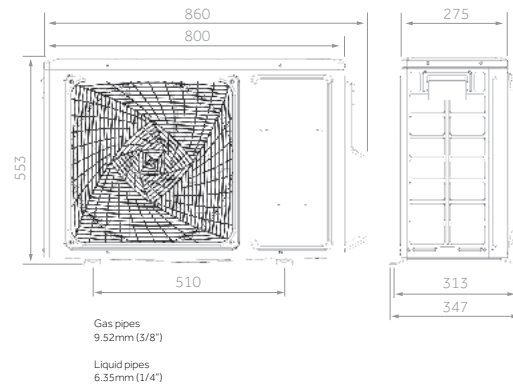


# MultiSplit OUTDOOR UNITS

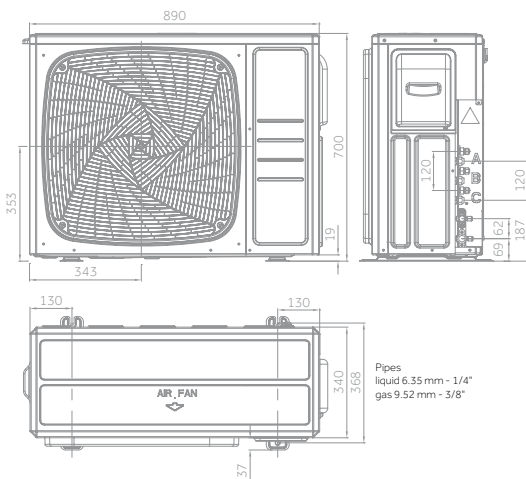
2U40S2SM1FA (2 couplings)



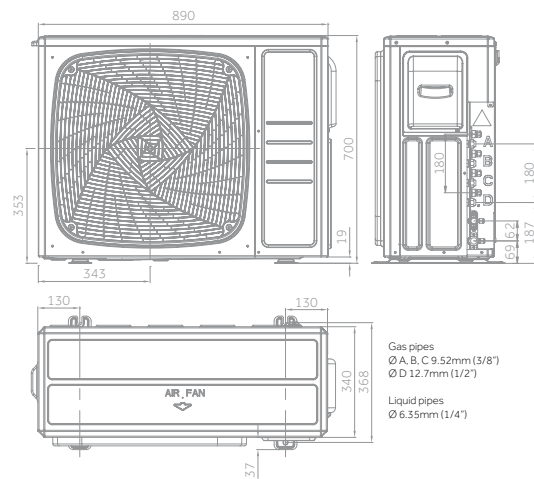
2U50S2SM1FA-3 (2 couplings)



3U55S2SR5FA - 3U70S2SR5FA (3 couplings)

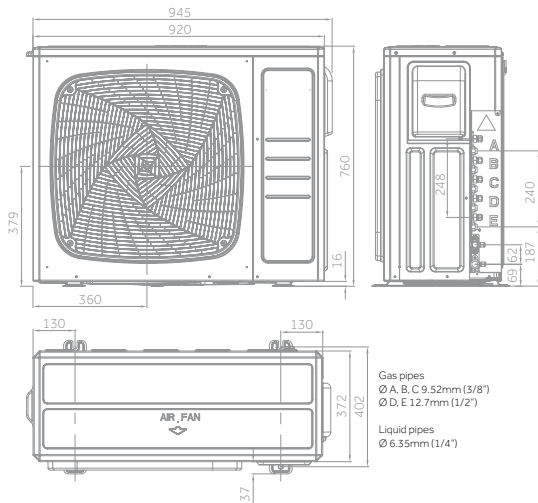


4U75S2SR5FA - 4U85S2SR5FA (4 couplings)

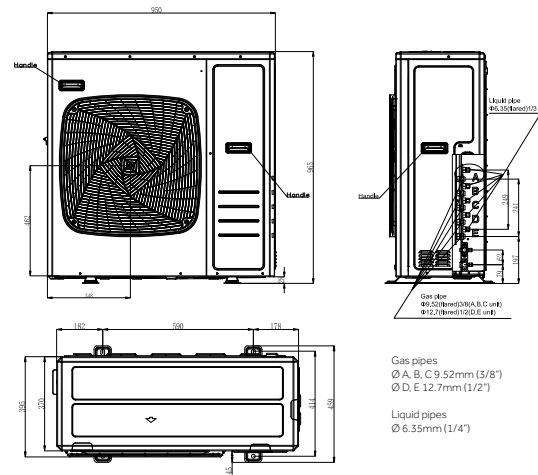


# MultiSplit OUTDOOR UNITS

5U90S2SS5FA - 5U105S2SS5FA (5 couplings)



5U125S2SN1FA (5 couplings)



3U55S2WR1FA (3 couplings) +  
4U70S2WR1FA (4 couplings)

