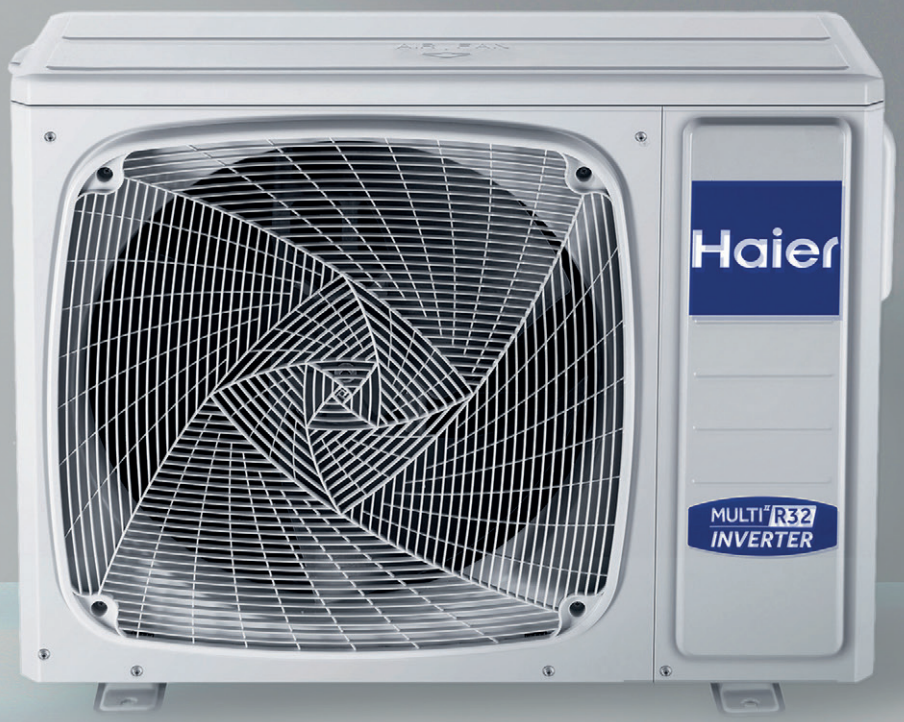
Haier

More Creation, More Possibilities

Haier

HVAC Solutions





MULTI

Combine up to 5 indoor units

Haierhvac.eu

Features
Residential MultiSplit Inverter



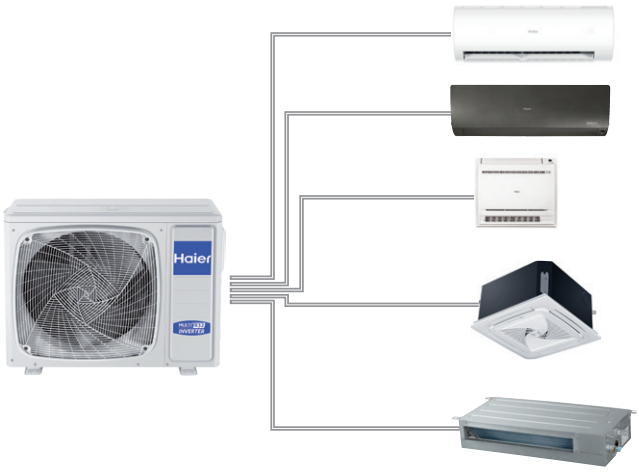
Introduction

Haier's Multi Split system enables you to experience climate comfort in every room.

A Multi system allows up to 5 indoor units to operate from a single outdoor unit, thereby reducing installation space and costs. All indoor units can be controlled independently and does not need to be installed at the same time, the system can be future proofed to allow up to 5 indoor units to one outdoor unit.

Haier's range of indoor units caters for a wide verity of applications, this includes, wall mounted, concealed ceiling, cassettes and floor standing units. These units are available in range of capacities which enables you to accurately size the system according to the needs of the room.

MultiSplit Unit Connectivity



Outdoor Unit

R32 Refrigerant

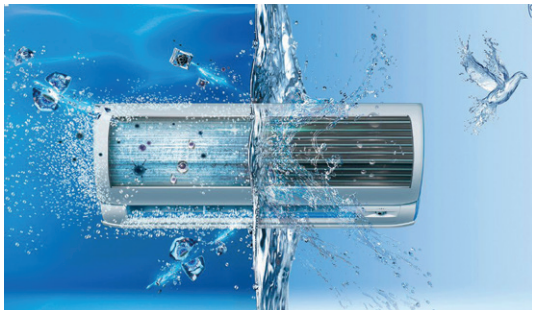
High Efficiency

Silence

Easy Installation

Haier

Features



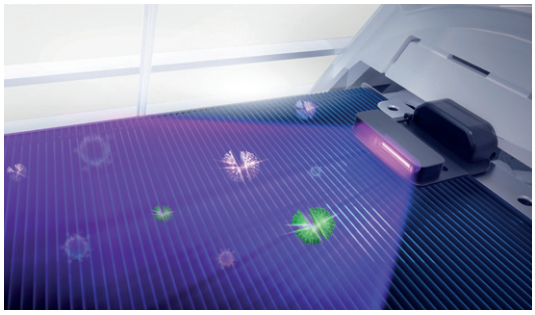
SELF-CLEAN

Freezes the evaporator with moisture in the air and removes dirt during the defrost process, ensuring healthy air output. Our Self Clean technology is the first of its kind to integrate the self-cleaning function of both the evaporator and the condenser.



hOn Wi-Fi

Enables you to take control of all the Haier group appliances in your Smart Home from a single app on your smartphone or tablet. The hOn app allows you to manage all the basic functions and much more.



UVC PRO

Inhibits the reproduction of bacteria, by breaking down hydron and oxygen molecule and generates ionic group which inhibits bacteria and sterilises virus after contacting. The module was indenpendently tested by Texcell and inhibits SARS-CoV-2, with an efficiency up to 99.998% in 1 hour (Expert).



EASY INSTALLATION

Installation is simplified, with larger workspaces and easy disassembly and maintenance. Pipes and cables can be connected easily thanks to a removable bottom panel.



SILENCE

Optimised design of fan's air ducts, and motors to be able to deliver cooler, more comfortable air with a low noise level for you to enjoy your indoor space.



ECO SENSOR

Detects the condition of air and people's movement in real time, adjusting the operating mode of the air conditioner to improve energy efficiency and optimise the users experience. It uses a double area detection with a maximum angle of 120 degrees and a distance of 8m.

Compatibility

Residential MultiSplit Inverter

INDOOR UNITS MULTI-SPLIT R32						
SERIES	2,0 kW	2,5 kW	3,5 kW	4,2 kW	5,0 kW	6,8 / 7,1 kW
SERENE Black & White		 AS25SBBHRA-MW	 AS35SBBHRA-MW		 AS50SDBHRA-MW	 AS71SEPHRA-MW
		 AS25SBBHRA-MB	 AS35SBBHRA-MB		 AS50SDBHRA-MB	 AS71SEPHRA-MB
	 Self Clean  56°C Steri Clean  UVC Plus  Coanda Plus  Easy Installation  Silence					
EXPERT Black & White	 AS20XCAHRA	 AS25XCAHRA	 AS35XCAHRA	 AS42XCAHRA	 AS50XCAHRA	 AS71XCAHRA
	 AS20XCAHRA-MB	 AS25XCAHRA-MB	 AS35XCAHRA-MB	 AS42XCAHRA-MB	 AS50XCAHRA-MB	 AS71XCAHRA-MB
	 Easy Installation  I Feel  Self Clean  Eco Sensor  Easy Disassembly  UVC Pro  2-Way Piping Design					
FLEXIS PLUS Black & White	 AS20S2SF1FA-MB3	 AS25S2SF1FA-MB3	 AS35S2SF1FA-MB3	 AS42S2SF1FA-MB3	 AS50S2SF1FA-MB3	 AS71S2SF1FA-MB3
	 AS20S2SF1FA-MW3	AS25S2SF1FA-MW3	AS35S2SF1FA-MW3	AS42S2SF1FA-MW3	AS50S2SF1FA-MW3	AS71S2SF1FA-MW3
	Easy Installation I Feel Silence Eco Sensor Easy to disassemble Heating Cable (Nordic version)					
PEARL PREMIUM	AS20PBAHRA	AS25PBHRA -PRE	AS35PBPHRA-PRE		AS50PDPHRA-PRE	AS71PEPHRA-PRE
	UVC Pro I Feel 56°C Steri Clean Quick Pair					
REVIVE PLUS		AS25RBAHRA-3	AS35RBAHRA-4		AS50DAHRA-4	AS68DAHRA-4
	Easy Installation 3-Level-Eco Silence					

For more details, please refer to the Haier 2026 Catalogue

Haier

INDOOR UNITS MULTI-SPLIT R32

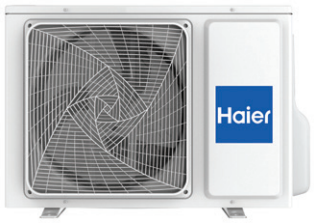
SERIES	2,5 kW	3,5 kW	5,0 kW	7,1 kW
CONSOLE	 AF25S2SD1FA(D)	 AF35S2SD1FA(D)	 AF50S2SD1FA(D)	
	Silence; Double Flow; Compact Design; Sleep; 56°C Steri Clean; Heating Cable (Nordic Ver); R32 Detector			
CASSETTE 620	 AB25S2SC2FA(H)	 AB35S2SC2FA(H)	 AB50S2SC2FA(H)	
	Silence; 4 Way Independent; UVC Sterilisation; Fresh Air; On-Off Card			
ROUND FLOW CASSETTE				 AB71S2SR1FA(H)
	Silence; 8 Way Independent; UVC Sterilisation; Fresh Air			
CEILING FLOOR	 AC25S2SG2FA(H)	 AC35S2SG2FA(H)	 AC50S2SG2FA(H)	 AC71S2SG2FA(H)
	Silence; Flow +; 5 Speed Fan; Fresh Air; On-Off Card; UVC Sterilisation			
SLIM DUCT LOW PRESSURE	 AD25S2SS1FA(H)	 AD35S2SS1FA(H)	 AD50S2SS1FA(H)	 AD71S2SS1FA(H)
	Silence; Compact Design; 3D; Condensate Drain Pump; Flexible Installation; UVC Sterilisation			
DUCTED MEDIUM PRESSURE		 AD35S2SM9FA(H)	 AD50S2SM9FA(H)	 AD71S2SM9FA(H)
	Silence; Compact Design; 3D; Condensate Drain Pump; Flexible Installation; UVC Sterilisation			
ONE-WAY CASSETTE	 AD25S2SA1FA(H)	 AD35S2SA1FA(H)	 AD50S2SA1FA(H)	 AD71S2SA1FA(H)
	Fresh Air; Compact Design; UVC Sterilisation			

For more details, please refer to the Haier 2026 Catalogue

Haierhvac.eu

Outdoor Units

Residential MultiSplit Inverter



1:2 2U40S2SM1FA
2U50S2SM1FA-3



1:3 3U55S2SR5FA
3U70S2SR5FA



1:4 4U75S2SR5FA
4U85S2SR5FA

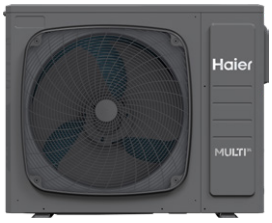
Outdoor UNIT	Model		2U40S2SM1FA	2U50S2M1FA-3	3U55S2SR5FA	3U70S2SR5FA
Performance data						
Output power - COOLING	nom (min-max)	kW	4,00 (1,10-4,50)	4,60 (1,30-6,00)	5,50 (2,10-7,00)	7,00 (2,40-7,60)
Output power - HEATING	nom (min-max)	kW	4,40 (1,50-4,80)	5,20 (1,60-6,50)	6,80 (1,70-7,60)	7,60 (2,90-8,50)
Absorbed power – COOLING	nom	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	4,30	4,00	3,81
	COP	W/W	4,50	4,30	4,10	4,10
COOLING Pdesign	C° 35	kW	4,00	4,60	5,50	7,00
HEATING Pdesign	(C° -10)	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			
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			
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	min-max	C°	-10~43°C		-10~46°C	
Operating limits - HEATING	min-max	C°	-15~24°C			

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

Haier

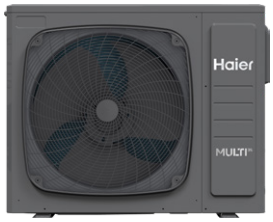


1:5 5U90S2SS5FA
5U105S2SS5FA
5U125S2SN1FA



3S

1:3 3U55S2WR1FA



3S

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	1,80
	2,15	2,40	2,79	2,82	3,40	1,68	2,00
	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	5,40	7,00
	6,30	7,00	7,20	8,00	9,50	5,00	6,00
	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,10 (A++)	8,50 (A+++)	8 (A++)
	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,05 (A+)	4,60 (A++)	4,30 (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
	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+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	7,50	7,50
	1,60	2,20	2,40	2,40	2,50	1,80	1,90
	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	

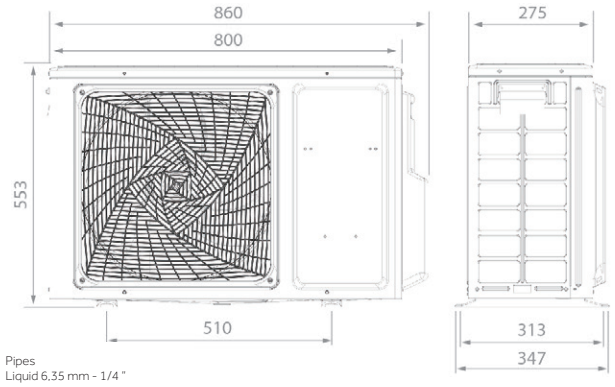
For more details, please refer to the Haier 2026 Catalogue

Haierhvac.eu

Technical Illustrations

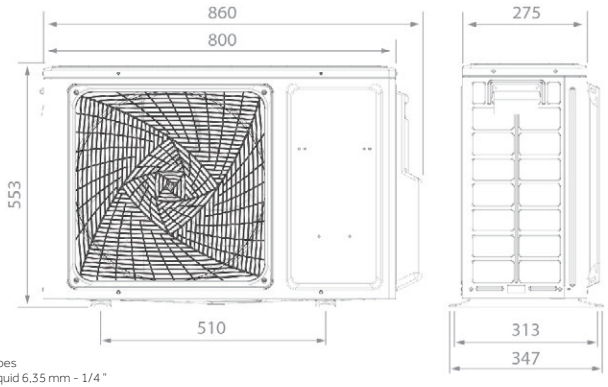
Residential MultiSplit Inverter

2U40S2SM1FA (2 couplings)



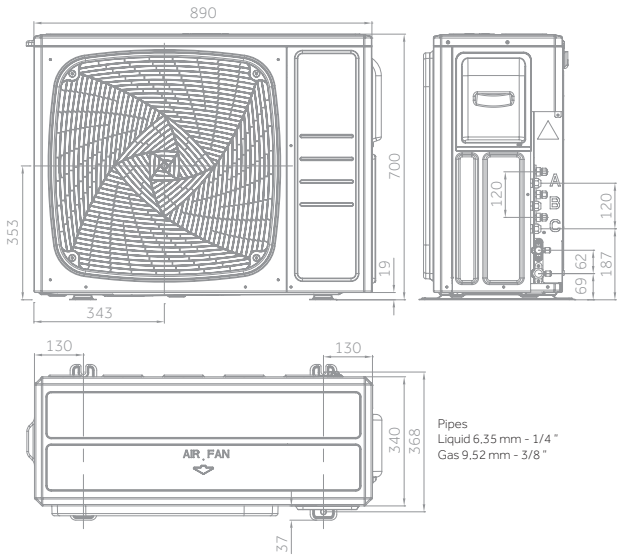
Pipes
Liquid 6,35 mm - 1/4 "
Gas 9,52 mm - 3/8 "

2U50S2SM1FA-3 (2 couplings)



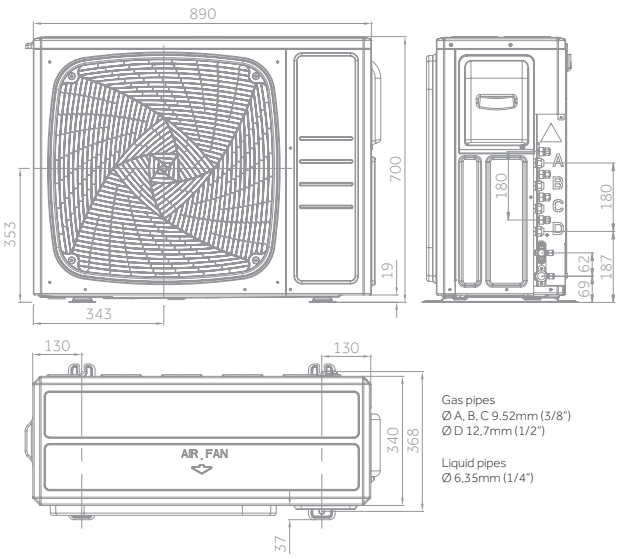
Pipes
Liquid 6,35 mm - 1/4 "
Gas 9,52 mm - 3/8 "

3U55S2SR5FA - 3U70S2SR5FA (3 couplings)



Pipes
Liquid 6,35 mm - 1/4 "
Gas 9,52 mm - 3/8 "

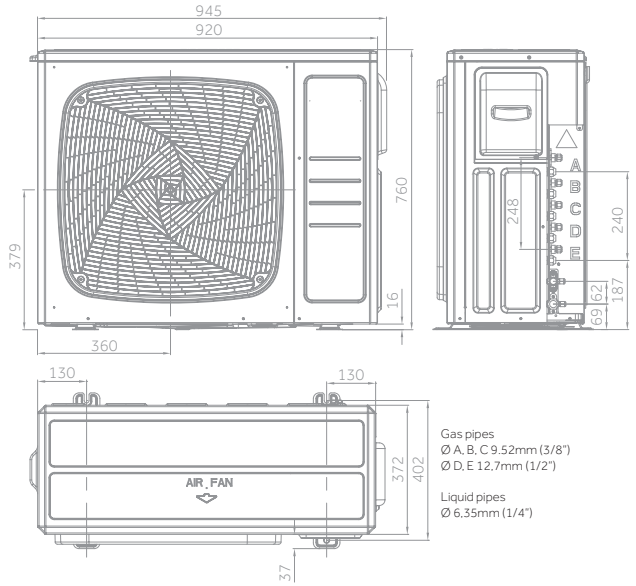
4U75S2SR5FA - 4U85S2SR5FA (4 couplings)



Gas pipes
Ø A, B, C 9.52mm (3/8")
Ø D 12,7mm (1/2")

Liquid pipes
Ø 6,35mm (1/4")

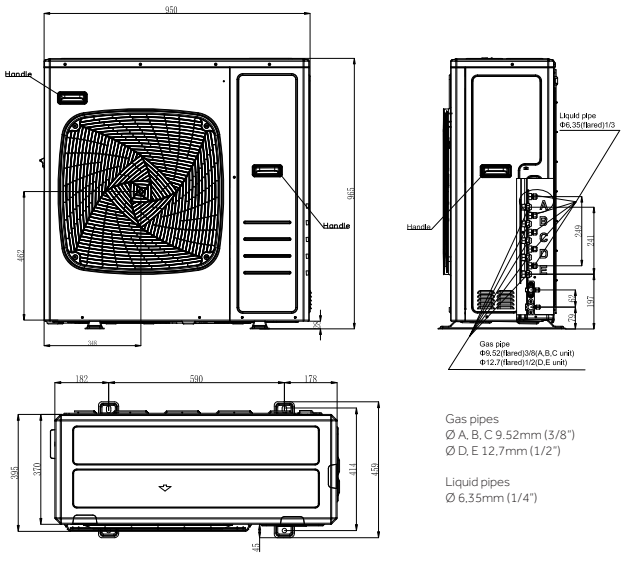
5U90S2SS5FA - 5U105S2SS5FA (5 couplings)



Gas pipes
Ø A, B, C 9.52mm (3/8")
Ø D, E 12,7mm (1/2")

Liquid pipes
Ø 6,35mm (1/4")

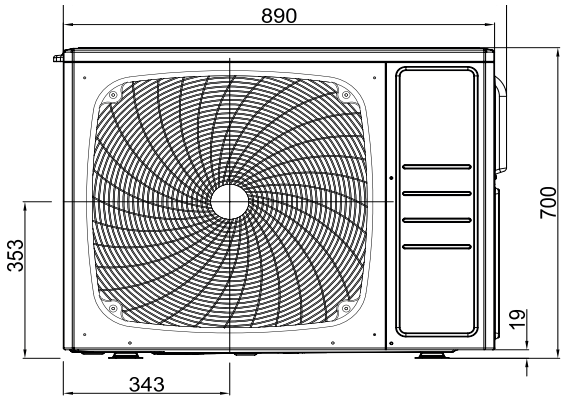
5U125S2SN1FA (5 couplings)

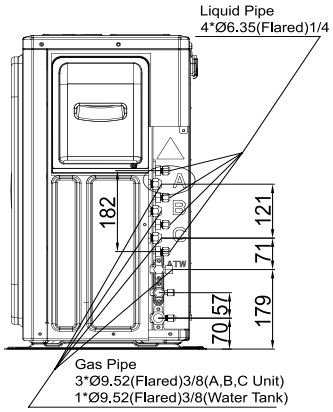


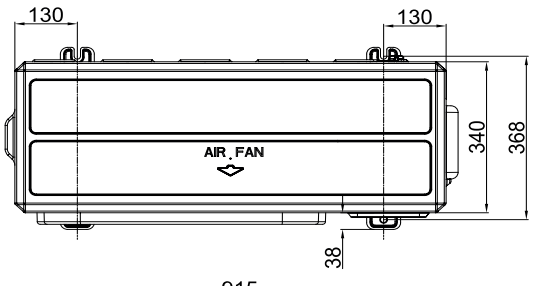
Gas pipes
Ø A, B, C 9.52mm (3/8")
Ø D, E 12,7mm (1/2")

Liquid pipes
Ø 6,35mm (1/4")

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







Haier
HVAC Solutions

MULTI

Residentiel MultiSplit Inverter



Haier HVAC
haierhvac.eu

Copyright © 2026 Haier. All rights reserved.