

Haier
HVAC Solutions

NEW
MULTI 3S

CLIMATE CONTROL, HOT WATER
& INTEGRATED HEAT RECOVERY
TECHNOLOGY



New MULTI 3S

Residential Multi-Split Inverter

94L

190L

5,5 kW

7,0 kW

Haier

Introducing the R32 Super Match Plus

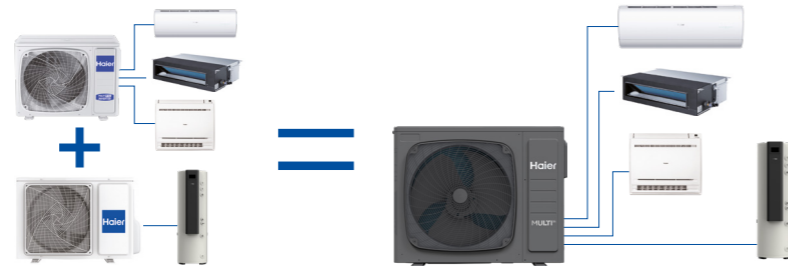
Multi 3S

Heating, Cooling and Hot Water System



Heating, Cooling and Hot Water System

Haier's R32 Multi 3S System integrated with a Heat Pump Water Heater is combined to provide an air to air Heating and Cooling as well as a domestic hot water. This is a perfect solution to reduce the consumption of power and replace ineffective or outdated water heating systems.



High Efficiency

The Multi 3S outdoor unit adopts DC inverter Twin Rotary compressor to ensure high energy efficiency, as an ideal solution to replace the old air electrical water heater systems.



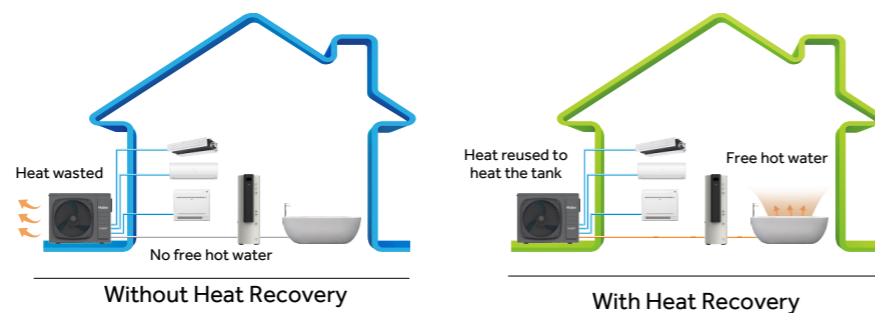
Cooling A+++ / Heating A++



Heating DHW

Heat Recovery

The Multi 3S system adopts Heat Recovery Technology to deliver simultaneous Cooling or Heating and Domestic Hot Water (DHW). Under cooling mode, the system reuses the heat exhausted from the outdoor unit to heat the tank, which means users can enjoy free DHW.



Scenarios

Scenario 1:
Domestic Hot Water



Scenario 2:
Domestic Hot Water + AC Heating



Scenario 3:
AC Cooling Only



Scenario 4:
AC Heating Only



Scenario 5:
Domestic Hot Water + AC Cooling



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

New 3S TANK

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A

NEW
Estimated Launch Date July 2024

Features



Integrated Wi-Fi Control



Easy Installation



Heat Recovery



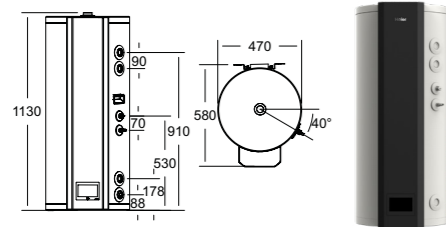
AC & Domestic Hot Water



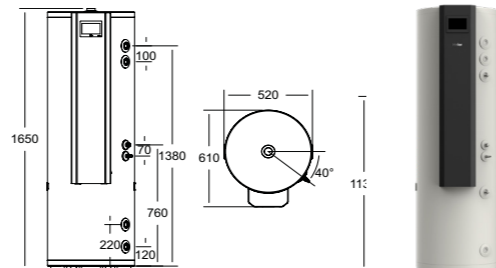
R32

Technical Illustrations

AN100S2ST1FA



AN200S2ST1FA

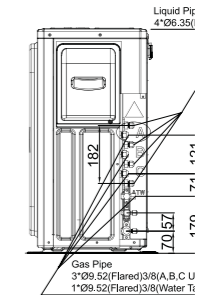
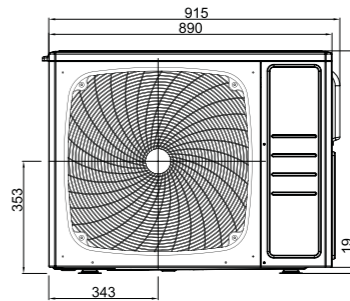
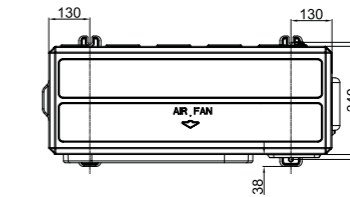


Indoor Unit	Model		AN100S2ST1FA	AN200S2ST1FA
Performance data				
Volume		L	94	190
Max. water Outlet temp.		°C	55 °C (75 °C with electrical heater)	
Electric heater power		W	2,000	
COP average Climate			2,2/ 2,3	2,4/ 2,5
COP warmer Climate			2,7	2,8
Seasonal Efficiency			M	L
Energy Class	EN16147(2017)		A	
Heating Time average Climate		h:mm	2:20/ 2:30	3:10/ 3:20
Heating Time warm Climate		h:mm	2:00/ 2:10	2:50/ 3:00
Power supply		Ph/V/Hz	1/220-240/50/60	
Interconnection cable		N x mm2	2*0.75	
Indoor Unit				
Net dimensions	WxDxH	mm	470x560x1110	520x610x1650
Packaging dimensions	WxDxH	mm	730x730x1285	730x730x1825
Net	(gross weight)	kg	45,0 (62,0)	70,0 (88,0)
Material			Enamel	
Installation data				
Liquid pipe	Ø	mm	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm	9,52 (3/8)	9,52 (3/8)
Control				
Standard			Integrated	

Technical Illustrations



5,5kW-7,0kW



3U5S2WR1FA (3 couplings) +
4U70S2WR1FA (4 couplings)

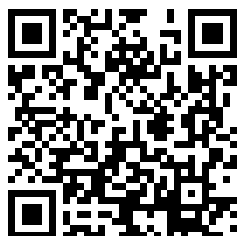
Outdoor UNIT	Model		3U5S2WR1FA	4U70S2WR1FA
Performance data				
Output power - COOLING	nom (min-max)	kW	5,40	7,00
Output power - HEATING	nom (min-max)	kW	5,00	6,00
Absorbed power - COOLING	nom	kW	1,34	1,8
Absorbed power - HEATING	nom	kW	1,68	2,0
Energy class	EER	W/W	4,05	3,90
	COP	W/W	4,20	4,30
COOLING Pdesign	35 °C	kW	5,4	7,0
HEATING Pdesign	(-10 °C)	kW	5,0	6,0
Energy class	SEER		8,5 (A+++)	8 (A++)
	SCOP		4,6 (A++)	4,3 (A+)
Annual Energy Consumption - COOLING		kWh/a	240	320
Annual Energy Consumption - HEATING		kWh/a	1680	1922
Outdoor unit				
Power supply		Ph/V/Hz	1/220-240/50/60	
Power cable		N x mm2	3 x 4,0	3 x 4,0
Interconnection cable		N x mm2	4 x 2,5	4 x 2,5
Air volume		m3/h	3000	3000
Sound power		dB	63	63
Sound pressure		dB(A)	53	53
Running current cooling/heating	Max	A	12,6/11,5	13/12
Starting current cooling/heating	Max	A	4,0/4,0	4,0/4,0
Net dimensions	WxDxH	mm	890/340/700	890/340/700
Packaging dimensions	WxDxH	mm	1010/455/875	1010/455/875
Net/gross weight		kg	55/65	56/66
Compressor type			Twin Rotary (DC inverter)	
Installation data				
Refrigerant			R32	R32
Liquid pipe	Ø	mm (inch)	3*Ø6,35 (3x1/4)	4*Ø6,35 (4x1/4)
Gas pipe	Ø	mm (inch)	3*Ø9,52 (3x3/8)	4*Ø9,52 (3x3/8)
Standard pipe length without refrigerant charge		m	30	30
Maximum pipe length		m	50	50
Maximum IU - OU elevation		m	15	15
Maximum IU - IU elevation		m	7,5	7,5
Refrigerant charge in the factory		kg	1,8	1,9
Refrigerant charge in the factory		TCO2eq	1,22	1,28
Additional ref. charge over std length		g/m	20	20
Operating limits - COOLING	min-max	°C	-10~46°C	
Operating limits - HEATING	min-max	°C	-15~24°C	

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