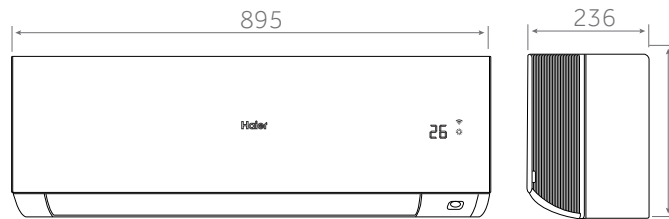




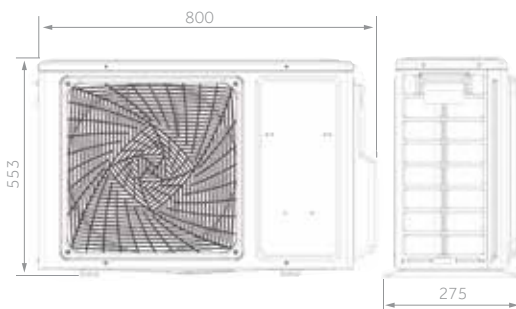
reddot winner 2022



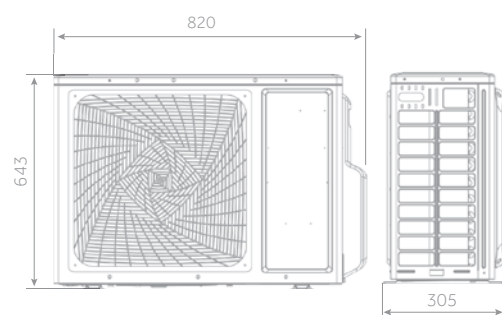
AS25 - AS35 - AS50 - AS71



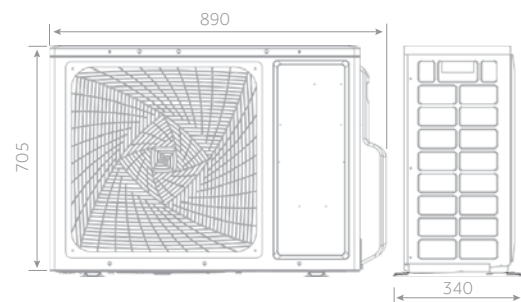
1U25 - 1U35



1U50



1U71



2,5 kW - 3,5 kW

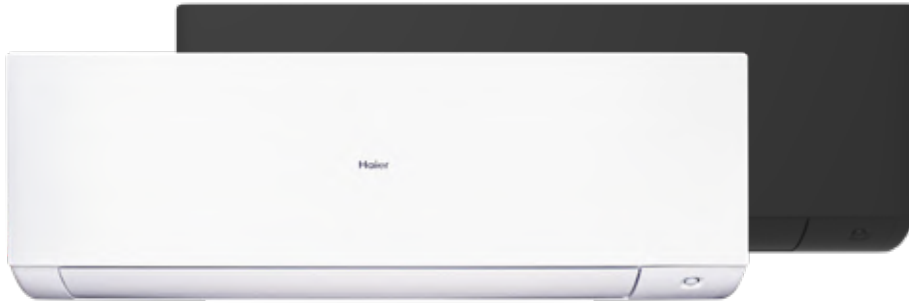
5,0 kW

7,1 kW

EXPERT NEW

Haier

MONOSPLIT



A+++ / A++

2,8 kW

3,5 kW

5,0 kW

7,1 kW



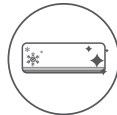
Standard HR-HJ



Easy Installation



I Feel



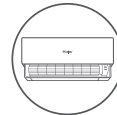
Self Clean



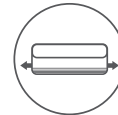
Eco Sensor



Integrated Wi-Fi Control



Easy to Disassemble



2-Way Piping Design



UVC Pro

- Easy Installation
- I Feel
- Self-Clean
- Eco Sensor
- Integrated Wi-Fi control
- Easy to Clean
- 2-Way Pipe Design
- UVC Pro
- 3D airflow: continuous movement of horizontal and vertical deflectors



INDOOR UNIT WHITE	Model		AS25XCAHRA	AS35XCAHRA	AS50XCAHRA	AS71XCAHRA
INDOOR UNIT BLACK	Model		AS25XCAHRA-MB	AS35XCAHRA-MB	AS50XCAHRA-MB	AS71XCAHRA-MB
OUTDOOR UNIT	Model		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
Performance data						
Output power - COOLING	nom (min-max)	kW	2,80 (0,80-3,20)	3,50 (1,00-4,00)	5,00 (1,40-5,50)	6,20(2,20-7,00)
Output power - HEATING	nom (min-max)	kW	3,20 (0,80-4,20)	4,20 (1,00-5,20)	5,60 (1,70-6,20)	6,80(2,40-7,80)
Absorbed power - COOLING	nom (min-max)	kW	0,651 (0,20-1,20)	0,875 (0,30-1,40)	1,470 (0,50-2,00)	1,92(0,70-2,60)
Absorbed power - HEATING	nom (min-max)	kW	0,761 (0,30-1,50)	1,037 (0,50-1,60)	1,509 (0,52-2,30)	1,83(0,60-2,90)
Energy class	EER	W/W	4,30	4,00	3,40	3,23
	COP	W/W	4,20	4,05	4,00	3,71
COOLING Pdesign	35 °C	kW	2,80	3,50	5,00	6,20
HEATING Pdesign	(-10 °C)	kW	2,50	2,80	4,60	5,60
Energy class	SEER		8,80 (A+++)	8,50 (A+++)	6,60 (A++)	6,80 (A++)
	SCOP		4,75 (A++)	4,75 (A++)	4,60 (A++)	4,00 (A+)
Annual Energy Consumption - COOLING		kWh/a	111	144	265	320
Annual Energy Consumption - HEATING		kWh/a	737	825	1400	1960
Indoor Unit						
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Treated air volume	H	m ³ /h	730	800	880	920
Dehumidification		L/h	1,2	1,6	2,0	2,8
High sound power - COOLING		dB	56	57	60	65
High sound power - HEATING		dB	56	57	60	65
Sound pressure - COOLING		dB(A)	39/32/25/16	40/33/26/17	45/37/29/20	47/45/37/29
Sound pressure - HEATING		dB(A)	39/32/25/16	40/33/26/17	45/37/29/20	47/45/37/29
Net dimensions	WxDxH	mm	895x236x313	895x236x313	895x236x313	895x313x236
Packaging dimensions	WxDxH	mm	964x386x316	964x386x316	964x386x316	964x386x316
Net/gross weight		kg	11,3/14,0	11,3/14,0	11,6/14,2	12,4/14,8
Outdoor Unit						
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power cable		N x mm ²	3 x 1,5	3 x 1,5	3 x 2,5	3 x 2,5
Interconnection cable		N x mm ²	4 x 1,0	4 x 1,0	4 x 1,0	4 x 1,0
Sound power	H	dB	59	63	63	68
Sound pressure	H	dB(A)	48	49	50	53
Running current cooling/heating	Max	A	6,8/6,8	7,2/7,2	10,68/10,68	11,8/13
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5	2,0/2,0	2,0/2,0
Net dimensions	WxDxH	mm	800x275x553	800x275x553	820x305x643	890x340x705
Packaging dimensions	WxDxH	mm	902x375x607	902x375x607	940x390x697	1046x460x780
Net/gross weight		kg	27,6/30,4	30/32,9	35,7/38,5	44/48
Compressor type			Rotary Inverter	Rotary Inverter	Twin rotary inverter	Twin rotary inverter
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	∅	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	∅	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88(5/8)
Standard pipe length without refrigerant charge		m	7	7	7	7
Maximum pipe length		m	20	20	25	50
Maximum IU - OU elevation		m	10	10	15	30
Refrigerant charge in the factory		kg	0,63	0,78	1,10	1,23
Refrigerant charge in the factory		TCO2eq	0,43	0,53	0,74	0,83
Additional ref. charge over std length		g/m	20	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	21-35/-20-43			
Operating limits - HEATING (in/out)	min-max	°C	10-27/-20-24			

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.

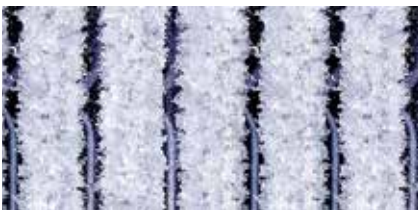
SELF-CLEAN FUNCTION



During operation, dirt accumulates on the evaporator. If the evaporator is not cleaned regularly, accumulated dirt reduces the thermal exchange by 15-30% and also promotes the proliferation of bacteria and mould.

TECHNOLOGY

Cold expansion technology



The layer of frost that forms on the evaporator/condenser generates a strong force of cold expansion that easily removes dirt from the surface.

Express washing technology



Low-angle hydrophilic aluminium foil speeds up water drainage by 20%.

Antibacterial technology



The coating contains silver nanoparticles capable of effectively killing 99% of the bacteria by inhibiting their proliferation.

The new Self Clean technology is the first of its kind to integrate the self-cleaning function of both the evaporator and the condenser. It starts with cleaning the evaporator, then switches to cleaning the condenser without stopping the compressor.

BENEFIT



Cleaner air

This innovative technology allows you to kill bacteria and keep the evaporator clean.



Increased energy efficiency

Our air conditioner always works at maximum cooling capacity with very high energy efficiency.



Savings on cleaning costs

The automated cleaning process eliminates the frequency of manual cleaning by a service engineer.

TUV Certification



UVC STERILISATION

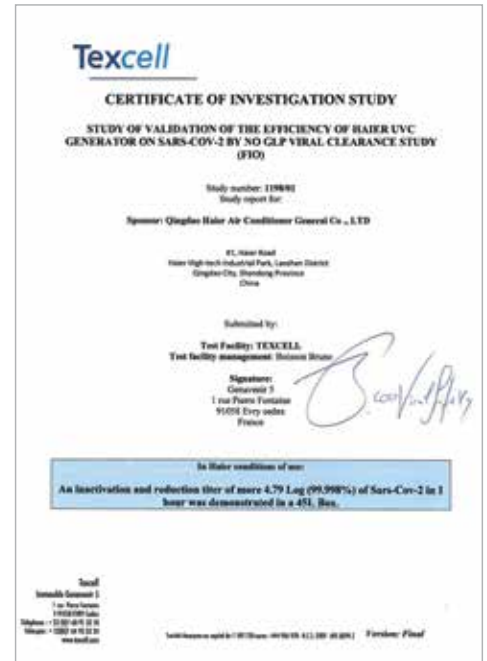
Haier's UVC generator has received a Certificate of Inactivation on the Novel Coronavirus, from leading Texcell S.A, an independent viral testing laboratory in France.

The global research organisation, concluded that the Haier UVC generator inhibits **99.998%** of Novel Coronavirus (SARS-CoV-2) within their sealed test facilities.

The test was conducted in a 45L enclosed box in laboratory conditions, where the Haier UVC GENERATOR effectively inhibited SARS-CoV-2, with an efficiency up to **99.998% in 1 hour**.



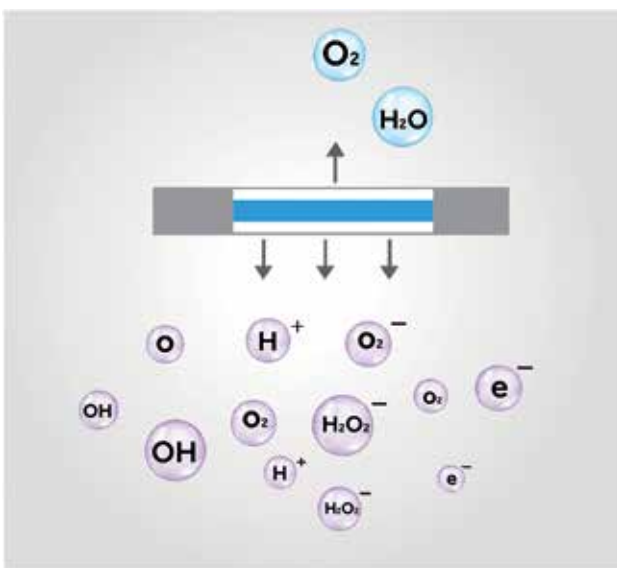
TEXCELL Certification*



UVC PRO

UVC Pro is a technology that works in the UV ray spectre and, in particular, in two wavelengths:

- **UVC rays** inhibit bacteria and virus present in the airflow that goes through the rays generated by the lamp.
- **Vacuum UV** rays generate hydroxyl radicals that release into the environment improving the efficiency of airborne virus and bacteria inhibition.



The UV Vacuum ray absorption induces the osmose and the following ionization of the water molecules. Several studies show that the irradiation of the water molecule with a lamp that has a wavelength of 185nm causes a quick elimination of the microscopic organisms, caused by the decomposition of the organic molecules present in the environment.

BENEFIT

Powerful air purification

Doubles the efficiency in air purification with UVC rays and the hydroxyl radicals generated through photolysis. Furthermore, no substance is released into the air making it environmentally conscious.

Easy to activate and manage

This function is available through the hOn APP and can be activated with a simple touch.

I FEEL



Detects the temperature around you with the remote controller no matter where you are in the room. So the air conditioner will optimise its operation based on the information to provide better air conditioning experience.

TECHNOLOGY

The performance of air conditioner may vary in different working conditions. If the room temperature is higher/lower than expected, you will feel uncomfortable. I FEEL is the latest innovation in Haier's design to bring you total comfort.

Built-in Temperature Sensor

With the high definition temperature sensor built inside, the remote controller of the air conditioner can precisely monitor the temperature around the room.

Easy Control

With a simple click on the I FEEL button on the remote controller, the air conditioner receives real-time temperature data and optimise working conditions to match the desired temperature set by users.

BENEFIT

Comfortable Experience

The function optimises the working conditions of the air conditioner to deliver airflow at the best temperature that you need.

EASY INSTALLATION



TECHNOLOGY

Positioning specifications



Install the mounting plate and fix the air conditioner at the appropriate height.

Easy clip (larger tubing space)



Facilitates installation with a larger workspace.

Easily accessible control panel



Simplified disassembly and maintenance without the need to dismantle the housing.

More spacing for pipes



Reduces installation time by increasing operating space to easily access the piping and electrical connections area.

Easily accessible fan motor



Simplifies disassembly and maintenance without the need to remove the evaporator.

Removable bottom panel



Allows the installer to connect pipes and cables without the aid of a screwdriver.

EASY-TO-DISASSEMBLE



TECHNOLOGY



PCB Disassembly

- Open the front panel
- Open the PCB cover
- Unplug the terminals and take out the PCB

Fan and Motor Disassembly

- Open the front panel
- Detach the bottom cover
- Unplug the terminals and take out the motor and fan

BENEFIT



80% faster PCB disassembly



90% faster motor disassembly



95% faster fan disassembly