

Haier

Smart Power Ducted Heat Pumps

Quiet and discreet whole-of-home heating and cooling.



Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the number one brand of connected air conditioner (including smart air conditioner) and the number one brand of healthy Self-Clean air conditioner in the world, measured in terms of retail sales volume in 2023.*



Award Winning

#1 SMART AIR
CONDITIONING BRAND
IN THE WORLD*



Global Scale

OPERATING IN
160 COUNTRIES



Innovation + Quality

10 R&D CENTRES
GLOBALLY



Service + Support

NATIONWIDE
SUPPORT

Heating and cooling expertise

As one of the world's largest heating and cooling brands, Haier, founded in China in 1984, offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide high-quality products and support to our customers in Australia and New Zealand.

5 year warranty

Enjoy peace of mind with a 5 year manufacturer's warranty on products with less than 25kW system cooling capacity.

* Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

Ducted Heat Pumps

Ducted heat pump systems are the ideal option for comfortable heating and cooling without interrupting your interior, as the indoor units are hidden in the ceiling or under the floor.



Discreet appearance

Ducted heat pumps delivers discreet comfort. With no indoor units taking up floor or wall space, all you see of your heating and cooling system is the controller and unobtrusive grilles. One or more grilles where the system takes in the air to be conditioned (return air grille/s) and another where the system delivers the conditioned air to your room (supply air grilles).

Whole of home conditioning

Ducted heat pumps is designed to condition your entire home, delivering a consistent and comfortable internal temperature, controlled by a single outdoor unit. By adding zoning to your system, you can turn on or off certain rooms or zones in your home to only heat or cool the areas you need to.

Space saving

With one outdoor unit connected to heat or cool your entire home, you remove the need to install multiple outdoor units for each indoor unit, as you would need to for single split systems.

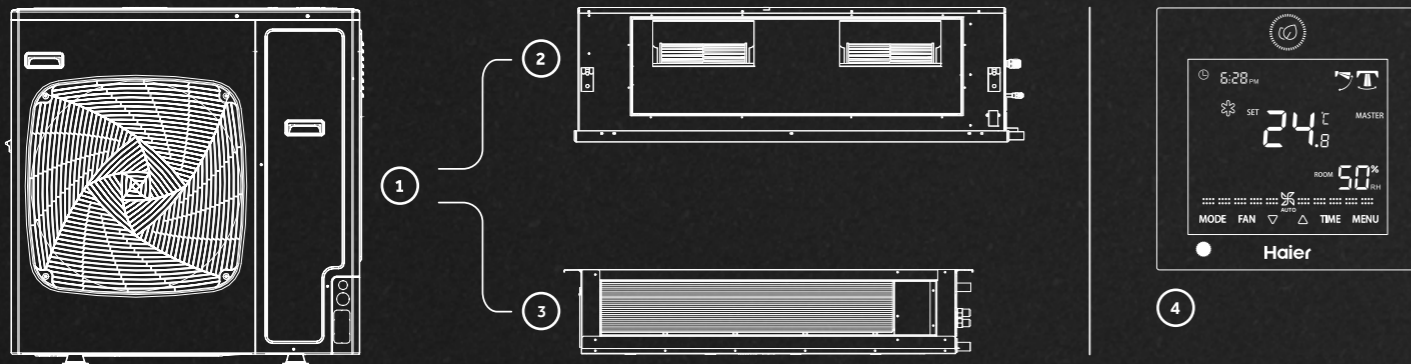
Quiet

Ducted heat pumps systems are usually quieter inside than split systems as the indoor unit is concealed in your ceiling space, offering quiet operation.



Haier Ducted Key Features

Haier's Smart Power ducted heat pump systems provide an effective whole-of-home heating and cooling solution suitable for homes and commercial spaces.



Haier's ducted heat pump range includes models to suit a range of building types, including compact units for situations where ceiling space is limited.

1 Smart Power outdoor unit

Powerful capacity from 7kW to 28kW, the Smart Power outdoor unit is designed for quiet and energy efficient operation, due to the DC inverter, compared to other systems that do not have a DC inverter. Slim side discharge for all models.

2 High Static Ducted*

Installed hidden in the ceiling cavity or under the floor for an uninterrupted interior, the high static ducted indoor unit delivers powerful heating and cooling to every room. Generally used in medium to large homes with a pitched roof.

3 Low Profile Ducted*

The low profile ducted indoor unit is designed for adaptable installation in tight spaces, such as between levels in multistorey buildings, for precise temperature control across multiple rooms. Generally used in small to medium homes, or when ceiling space is limited.

4 A controller

Either Haier or third party - that is used to control the whole heat pump system.

Whole of home conditioning

Create a consistent and comfortable temperature throughout your entire home with Haier's ducted heat pumps. Rooms that are too hot or cold will be a thing of the past, as your entire home is conditioned for even and consistent comfort, including large open spaces. By dividing the home into zones, you have greater control and can turn the airflow off or on or change the temperature to individual zones.

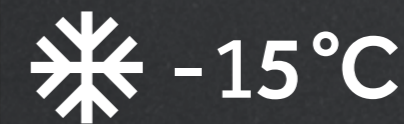
Zone control

Haier ducted heat pumps provide multiple options for zone control. Using the Haier zone controller, up to eight zones can be configured to suit your individual needs. Our systems are also compatible with most leading aftermarket zone control platforms. Please discuss your individual needs with your installer.

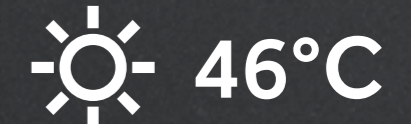
Extensive range and operating temperatures

With capacities from 7kW to 28kW, we have a system that can heat/cool a variety of spaces, and delivers performance in most climates from -15°C to 46°C ambient air temperature.

LOWEST OPERATING RANGE



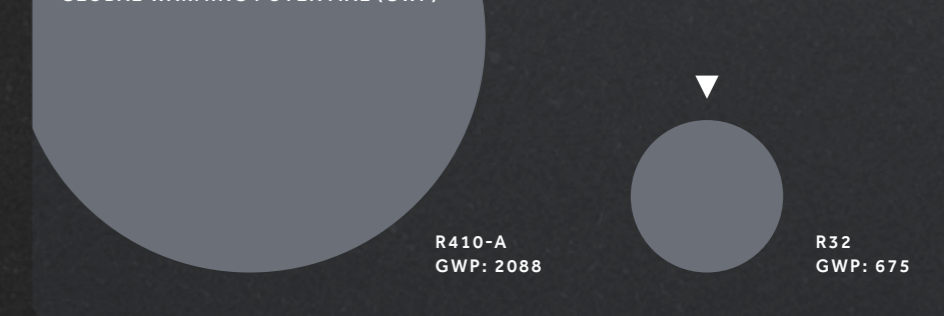
HIGHEST OPERATING RANGE



Respect for the planet

R32 – the refrigerant used in your ducted system to transfer heat between the indoor and outdoor units – has a Global Warming Potential (GWP) of 675, 66% lower than alternative refrigerants like R410A (7-18kW systems only).

GLOBAL WARMING POTENTIAL (GWP)



Connected

The global No. 1 connected air conditioner brand*, Haier makes life easier with convenient control of your Wi-Fi enabled appliances through the SmartHQ™ app. Wi-Fi can be added via an optional accessory.

* Wi-Fi compatible with the addition of an optional accessory.

* Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

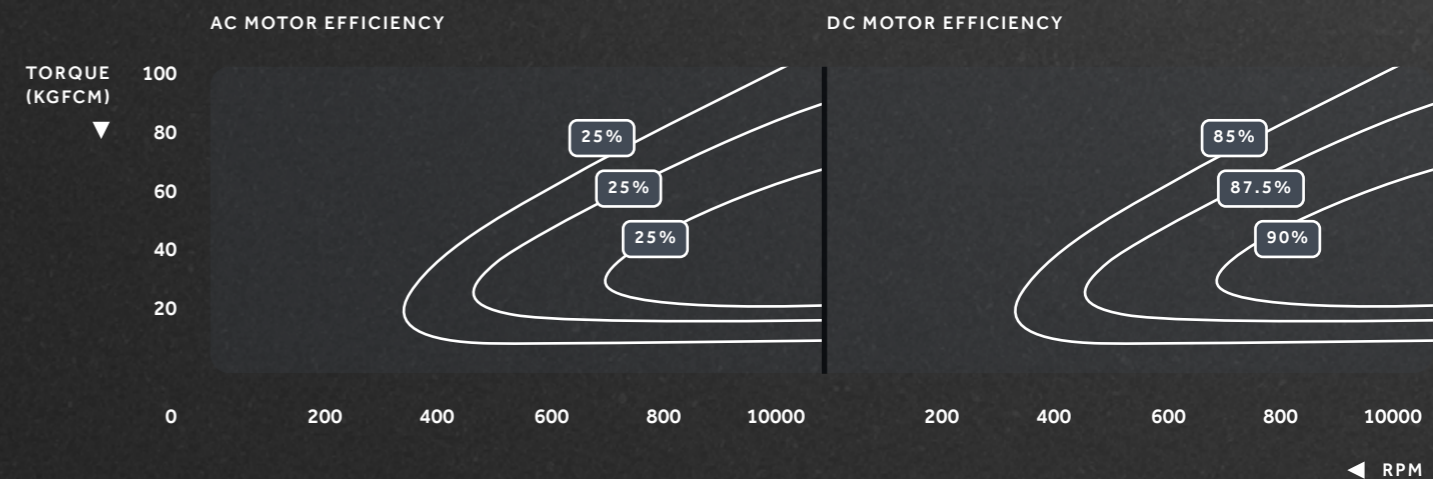
Efficient Design

Ducted heat pump systems are the ideal option for comfortable heating and cooling without interrupting your interior, as the indoor units are hidden in the ceiling or under the floor.



Air control

A high performing ducted system needs to be able to get air to every corner of your home. Haier ducted systems feature DC fan motors that are quiet and efficient compared with AC fan motors. With 10 steps of static pressure adjustment, the system can be configured to ensure even the largest home systems are able to achieve effective cooling or heating performance.



Quiet outdoor units

Quiet operation is achieved by our extra-large 550mm fan and a unique outlet grille that offers less resistance to airflow. Large fans have lower rotation speed leading to lower noise.

Ease of installation

With clever features designed to make access, handling and installation easier, these time-saving benefits should help your installer complete the install of your ducted heat pump job more quickly. The 10-15.5kW ducted indoor unit fits easily between 600mm trusses for fast and simple installation. Also, some of the larger systems can be disassembled and reassembled inside the ceiling space when access is limited. A built-in condensate pump provides installation flexibility when a gravity draining solution isn't possible. (Low Profile Ducted models.)

Built for toughness and resilience

The outdoor unit coil features a Blue Fin coating that protects the unit, with strong corrosion resistance and super hydrophilic performance. High static indoor units have two built in drain trays for condensate removal (10-15.5kW), providing backup protection in case of an overflow due to blockage.

Respect for the Planet

For the 7-18kW models, Low Global Warming Potential (GWP) refrigerants and technology to improve energy efficiency.



Low GWP

R32 Refrigerant has a Global Warming Potential (GWP) of 675, 66% lower than alternative refrigerants like R410A.

Zero Ozone Depletion Potential

Damage by chemical compounds of the ozone layer is measured by Ozone Depletion Potential (ODP). R32 has a ODP of 0, which means it does not harm the ozone layer.

Inverter technology

An inverter compressor delivers the precise amount of heating or cooling capacity required, eliminating waste and minimising energy consumption.

Connected

Haier's Smart Power ducted heat pump systems are made Wi-Fi compatible with an additional accessory. In addition to the individual controllers, you can control your ducted system through the SmartHQ™ app on your phone if you have the Wi-Fi accessory.

Control from anywhere

Arrive home to comfort by remotely controlling your air conditioner from anywhere.

Connected home

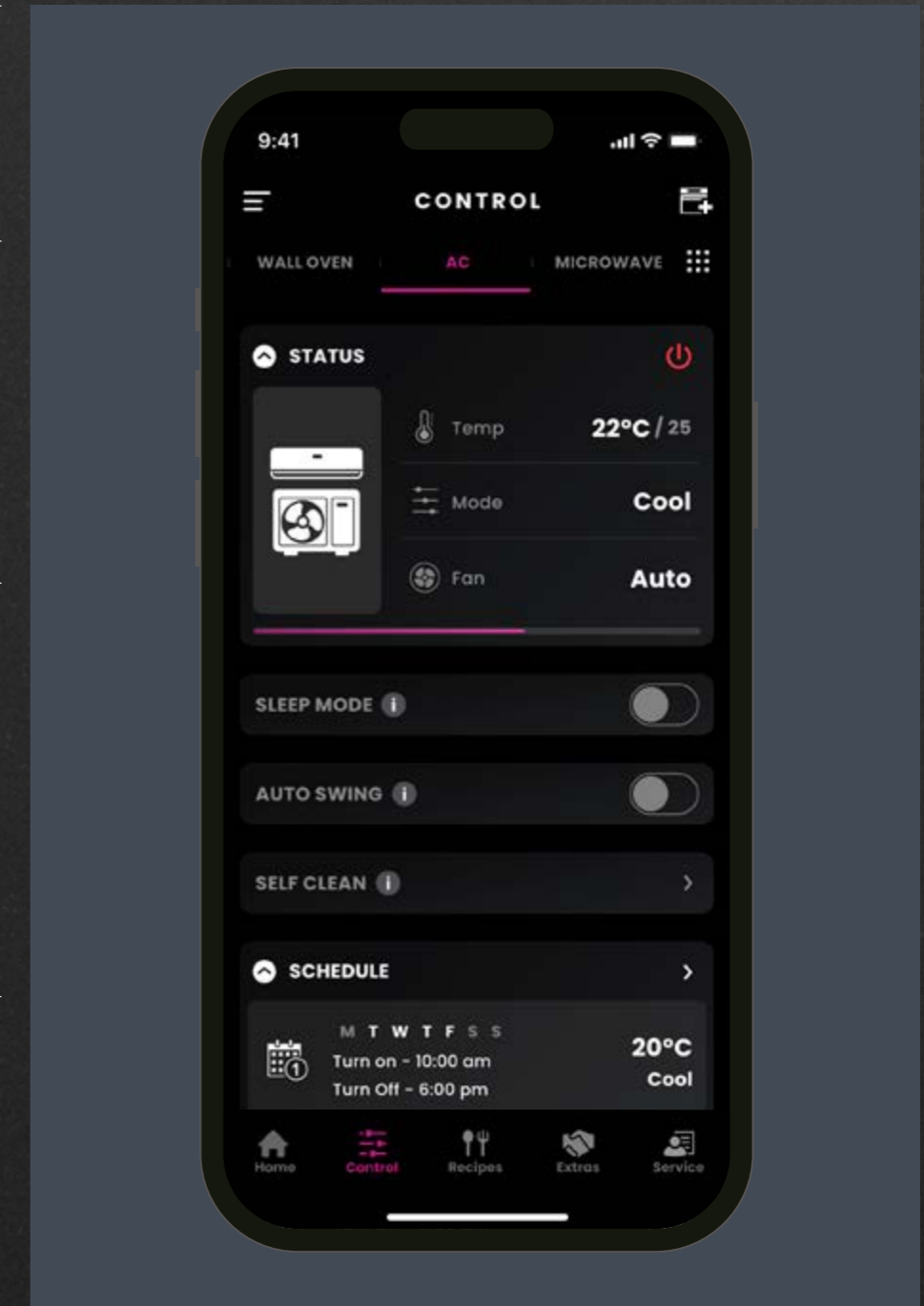
With Haier and Fisher & Paykel appliances able to be connected to the SmartHQ™ app, you can check in and manage all your other connected appliances, as well as control your heat pumps.

Intuitive hands-free control

With voice control through Google Home Assistant or Amazon Alexa you can control your heat pump and ensure the perfect environment without getting off the couch. Try commands like 'Set the heat pump to 20 degrees', or 'Turn off the heat pump'.

Control and monitor

Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the heat pump off, or set up a schedule to heat or cool your home to the perfect temperature.



High Static Ducted

The high static ducted indoor unit delivers powerful heating and cooling to every room, installed hidden in the ceiling cavity or under the floor for an uninterrupted interior.



Compact

The high static indoor unit (10–15.5kW models) has a compact chassis, designed to fit in small ceiling spaces and between standard roof truss spacings of 600mm.

Better airflow and efficiency

Powerful and consistent airflow to create a comfortable and consistent indoor environment.

Using a DC fan motor, which are renowned for using less energy than a standard AC motor, this allows easy adjustment of the static pressure and airflow to tailor the conditioning of the space to your preferences.

Faster installation

Considered features to make installation faster and more straightforward, mean less time until your space is conditioned for comfort. External Static Pressure (ESP) can be adjusted using the controllers, removing the need to open the electrical box and adjust by switch or plug. The 18 and 20kW indoor units can be separated into two manageable pieces, then reassembled in the ceiling. For 10-15.5kW units, top, bottom or side panels are removable for servicing and installation.

Low Profile Ducted

The low profile ducted indoor unit is designed for adaptable installation in ceiling spaces where height is limited, such as between levels in multi-storey buildings, for precise temperature control across multiple rooms.



Consistent airflow

Powerful and consistent airflow to create a comfortable and consistent indoor environment.

Compact and slim

Designed with a super low height of 250mm to fit into tight spaces, this unit makes a ducted system possible where it would otherwise not be suitable.

Flexible design

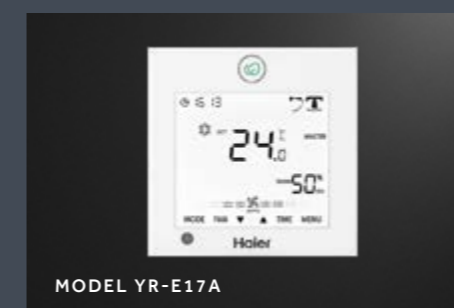
Your space should be designed around how you live, not the constraints of the ducting. That's why pragmatic details like having three drain outlets – left and right, inbuilt condensate lift pump, the ability to convert the rear return air to bottom return air along with the supplied air filter, to suit your installation, and the super slim chassis, all combine for a flexible system that works with your home design.

Ducted Control Solutions

Designed for easy readability to make operation quick and straightforward, the Haier controllers have large text and high contrast displays with simple-to-use buttons. From the standard touchscreen to an 8-zone controller, Haier wall controllers provide a straightforward interface to make comfort as easy as pushing a button.

Compatibility with some of the industry's most popular zone controllers including Polyaire AirTouch, Advantage Air 'MyAir' and Izone, make it easy to connect your Haier system into a third-party control system.

Standard touchscreen controller



Colour controller inc 7-day timer



8-zone controller

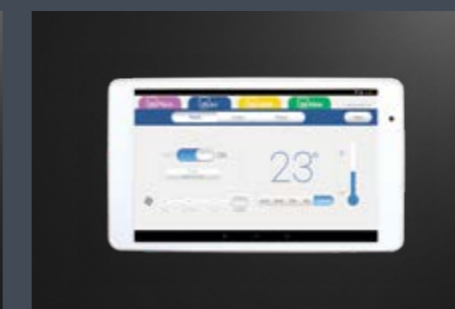


Compatible third party zone controllers

Polyaire "AirTouch"



Advantage air "MyAir"



Izone



Low Profile Ducted (R32) Specifications

Model	SET		AD71SMS5FA-SET	AD100MNS5FA-SET	AD125MP5FA-SET	AD140MP5FA-SET	
	Indoor unit		AD71S2SM7FA	AD100S2SM7FA	AD125S2SM7FA	AD140S2SM7FA	
	Outdoor unit		1U71S2S55FA	1U100S2SN5FA	1U125S2SP5FA	1U140S2SP5FA	
Capacity	Cooling	kW nom	7.1	10.0	12.0	13.0	
		(min-max)	2.0-8.5	2.5-11.0	3.5-14.0	3.5-15.0	
	Heating	kW nom	7.8	10.8	14.0	15.0	
		(min-max)	2.0-9.5	2.5-12.0	4.0-16.0	4.0-18.0	
Power input	Cooling	kW nom	2.10	3.17	3.77	4.11	
		(min-max)	0.40-3.50	0.50-5.00	1.00-5.80	1.00-6.80	
	Heating	kW nom	2.20	3.14	4.01	4.29	
		(min-max)	0.40-3.50	0.50-5.00	1.00-5.80	1.00-6.50	
AEER/ACOP		w/w	3.33/3.49	3.12/3.40	3.15/3.46	3.14/3.47	
TCSPF (Hot/Average/Cold climate)	Residential		3.964/3.609/3.631	4.074/3.767/3.864	3.947/3.678/3.760	4.134/3.858/3.977	
	Commercial		4.209/4.151/4.359	4.350/4.383/4.652	4.190/4.201/4.445	4.410/4.465/4.749	
HSPF (Hot/Average/Cold climate)	Residential		3.590/3.403/3.111	3.690/3.397/3.019	3.594/3.306/2.938	3.646/3.351/2.978	
	Commercial		3.576/3.453/3.216	3.681/3.496/3.191	3.581/3.407/3.018	3.634/3.455/3.060	
Model/Indoor unit			AD71S2SM7FA	AD100S2SM7FA	AD125S2SM7FA	AD140S2SM7FA	
Electrical parameters		Power input	Watt	200	200	375	375
Performance data	Air flow	l/s	402/333/263/194	555/483/383/355	625/544/466/416	694/600/494/416	
	ESP	Pa	25-150	25-150	25-150	25-150	
	Sound pressure level	dB(A)	42/38/35/32	44/40/37/34	45/42/37/34	46/43/38/35	
Installation	External dimensions		HxWxD mm	248x1100x700	248x1500x700	248x1500x700	248x1500x700
	Shipping dimensions		HxWxD mm	320x1290x840	330x1710x870	330x1710x870	330x1710x870
	Net/Shipping weight		kg	38/44	52/62	52/62	52/62
	Supply air connection		WxH mm	992x165	1392x165	1392x165	1392x165
	Return air connection		WxH mm	978x238	1378x238	1378x238	1378x238
	Drain		mm	Ø25 (OD)	Ø25 (OD)	Ø25 (OD)	Ø25 (OD)
	Water pump		mm	600	600	600	600
	Controller	Standard		/	/	/	/
		Optional	Touch	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		Optional	Timeclock	YR-E16B	YR-E16B	YR-E16B	YR-E16B
			Wireless	RE-02 & YR-HQS01	RE-02 & YR-HQS01	RE-02 & YR-HQS01	RE-02 & YR-HQS01
			Wi-Fi	HI-WB101DEI	HI-WB101DEI	HI-WB101DEI	HI-WB101DEI
	Model/Outdoor unit			1U71S2S55FA	1U100S2SN5FA	1U125S2SP5FA	1U140S2SP5FA
Electrical parameters	Power input	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
	Rated current	Cooling	9	13.8	16.4	17.9	
		Heating	9.6	13.7	17.4	18.7	
	Max amps	Amps	16	21	26	30	
Suggested breaker size	Amps	25	32	32	32		
Performance data	Air flow	m3/h	3200	4000	6500	7000	
	ESP	dB(A)	64	68	69	70	
	Sound pressure level	dB(A)	47	52	52	53	
Installation	External dimensions		HxWxD mm	760x920x372	965x950x370	350x950x370	350x950x370
	Shipping dimensions		HxWxD mm	820x1036x478	1095x1050x450	1500x1090x480	1500x1090x480
	Net/Shipping weight		kg	60/65	82/94	105/118	108/121
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R32	R32	R32	R32
	Refrigerant liquid pipe		mm	9.52 (¾)	9.52 (¾)	9.52 (¾)	9.52 (¾)
	Refrigerant gas pipe		mm	15.88 (¾)	15.88 (¾)	15.88 (¾)	19.05 (¾)
	Max pipe length		m	50	50	75	75
	Max drop between I.U.&O.U		m	30	30	30	30
	Refrigerant qty		kg	1.7	2.3	2.9	2.9
	Pre-Charge line length		m	20	20	30	30
	Additional charge		g/m	45	45	45	45
	Working temp	Cooling (Min-Max)	°C	-15 to 50	-15 to 50	-15 to 50	-15 to 50
Heating (Min-Max)		°C	-20 to 24	-20 to 24	-20 to 24	-20 to 24	
DRED	Peak Smart (DRED) ready		Accessory HPRT-DRA001	YES	YES	YES	

High Static Ducted (R32) Specifications

Model	SET		AD100HN5FA-SET	AD125HN5FA-SET	AD125HP5FA-SET	AD140HP5FA-SET	AD160HP5FA-SET	AD180HP5FA-SET
	Indoor unit		AD100S2SH5FA	AD125S2SH5FA	AD125S2SH5FA	AD140S2SH5FA	AD160S2SH5FA	AD180S2SH5FA
	Outdoor unit		1U100S2SN5FA	1U125S2SN5FA	1U125S2SP5FA	1U140S2SP5FA	1U160S2SP5FA	1U180S2SP5FA
Capacity	Cooling	kW nom	10.0	12.5	12.5	14.0	15.5	18
		(min-max)	2.5-11.0	4.0-14.0	3.5-14.5	3.5-18.0	3.5-17.5	5.3-18.5
	Heating	kW nom	11.5	14.0	14.0	15.0	17.0	20.0
		(min-max)	2.5-12.0	4.1-15.0	4.0-16.5	6.0-18.0	6.0-19.0	6.0-22.0
Power input	Cooling	kW nom	3.12	3.89	3.68	4.43	4.83	5.63
		(min-max)	0.50-5.30	0.50-5.30	1.00-5.80	2.00-6.50	2.00-7.00	2.0-7.0
	Heating	kW nom	3.19	3.73	3.68	3.80	4.53	5.33
		(min-max)	0.50-5.30	0.50-5.30	1.00-5.80	2.00-6.50	2.00-7.00	2.0-7.0
AEER/ACOP		w/w	3.17/3.57	3.19/3.72	3.37/3.77	3.14/3.91	3.19/3.73	3.17/3.72
TCSPF (Hot/Average/Cold climate)	Residential		4.419/4.072/4.217	4.395/4.087/4.241	4.400/4.092/4.208	4.404/4.110/4.285	4.357/4.081/4.240	4.173/3.9/4.022
	Commercial		4.753/4.839/5.171	4.714/4.805/5.135	4.693/4.740/5.035	4.728/4.840/5.186	4.661/4.755/5.082	4.449/4.505/4.792
HSPF (Hot/Average/Cold climate)	Residential		4.071/3.567/3.056	4.464/4.001/3.502	4.437/4.015/3.543	4.320/3.968/3.506	4.523/3.963/3.404	3.703/3.08/2.676
	Commercial		4.066/3.772/3.239	4.465/4.183/3.761	4.436/4.178/3.780	4.312/4.092/3.713	4.525/4.192/3.595	3.686/3.165/2.868
Model/Indoor unit			AD100S2SH5FA	AD125S2SH5FA	AD125S2SH5FA	AD140S2SH5FA	AD160S2SH5FA	AD180S2SH5FA
Electrical parameters		Power input	Watt	540	550	550	600	600
Performance data	Air flow	l/s	800/665/525/385	905/765/625/490	905/765/625/490	1000/865/725/585	1115/945/780/615	1200/1050/890/725
	ESP	Pa	37-210	37-210	37-210	37-210	37-210	40-270
	Sound pressure level	dB(A)	45/41/37/33	47/44/42/39	47/44/42/39	49/46/43/40	51/47/44/40	54/49/44/39
Installation	External dimensions		HxWxD mm	425x1350x490	425x1350x490	425x1350x490	425x1350x490	425x1350x490
	Shipping dimensions		HxWxD mm	510x1565x724	510x1565x724	510x1565x724	510x1565x724	510x1565x724
	Net/Shipping weight		kg	59/70	59/70	59/70	61/72	61/72
	Supply air connection		WxH mm	1045x307	1045x307	1045x307	1045x307	1045x307
	Return air connection		WxH mm	1163x353	1163x353	1163x353	1163x353	1163x353
	Drain		mm	Ø25 (OD)	Ø25 (OD)	Ø25 (OD)	Ø25 (OD)	Ø25 (OD)
	Water pump		mm	/	/	/	/	/
	Controller	Standard		/	/	/	/	/
		Optional	Touch	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		Optional	Timeclock	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
			Wireless	RE-02 & YR-HRS01	RE-02 & YR-HRS01	RE-02 & YR-HRS01	RE-02 & YR-HRS01	RE-02 & YR-HRS01
			Wi-Fi	HI-WB101DEI	HI-WB101DEI	HI-WB101DEI	HI-WB101DEI	HI-WB101DEI
	Model/Outdoor unit			1U100S2SN5FA	1U125S2SN5FA	1U125S2SP5FA	1U140S2SP5FA	1U160S2SP5FA
Electrical parameters	Power input	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Rated current	Cooling	13.6	17.26	16	19.3	21	21
		Heating	13.9	16.56	16	19.9	20.5	21.5
	Max amps	Amps	23.2	23.2	26.0	30.0	31.0	31.0
	Suggested breaker size	Amps	32	32	32	32	40	32
Performance data	Air flow	m3/h	4000	4500	6500	7000	7500	7800
	ESP	dB(A)	68	75	69	70	73	73/75
	Sound pressure level	dB(A)	52	58	52	53	56	57/59
Installation	External dimensions		HxWxD mm	965x950x370	965x950x370	1350x950x370	1350x950x370	1350x950x370
	Shipping dimensions		HxWxD mm	1095x1050x450	1500x1090x480	1500x1090x480	1500x1090x480	1500x1090x480
	Net/Shipping weight		kg	82/94	74/85	105/118	105/118	107/120
	Compressor type			Twin rotary	Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type			R32	R32	R32	R32	R32
	Refrigerant liquid pipe		mm	9.52 (¾)	9.52 (¾)	9.52 (¾)	9.52 (¾)	9.52 (¾)
	Refrigerant gas pipe		mm	15.88 (¾)	15.88 (¾)	15.88 (¾)	19.05 (¾)	19.05 (¾)
	Max pipe length		m	50	50	75	75	75
	Max drop between I.U.&O.U		m	30	30	30	30	30
	Refrigerant qty		kg	2.3	2.3	2.9	2.9	3.1
	Pre-Charge line length		m	20	20	30	30	30
	Additional charge		g/m	45	45	45	45	45
	Working temp	Cooling (Min-Max)	°C	-15 to 50	-10 to 46	-15 to 50	-15 to 50	-15 to 50
Heating (Min-Max)		°C	-20 to 24	-15 to 24	-20 to 24	-20 to 24	-20 to 24	-20 to 24
DRED	Peak smart (DRED) ready		YES	YES	YES	YES	YES	

High Static Ducted Large Capacity (R410A)

Model	SET		ADH200H1ERK-SET			
	Indoor unit		ADH200H1ERG	AD722MTERAD	AD962MTERAD	
	Outdoor unit		1UH200W1ERK	AU08NFKERA	AU10NFKERA	
Capacity	Cooling	kW nom	20.0	22.6	28.0	
		(min-max)	6.2-23.5	0.0-22.6	0.0-28.0	
	Heating	kW nom	22.8	22.6	28.0	
		(min-max)	7.2-24.8	0.0-22.6	0.0-28.0	
Power input	Cooling	kW nom	6.20	6.19	8.48	
		(min-max)	2.5-8.5	0.0-11.5	0.0-14.4	
	Heating	kW nom	6.20	6.11	8.24	
		(min-max)	2.5-8.5	0.0-10.9	0.0-13.7	
AEER/ACOP		w/w	3.20/3.65	3.55/3.60	3.24/3.33	
TCSPF (Hot/Average/Cold climate)		Residential	3.676/3.610/3.860	3.408/3.456/3.913	3.899/3.843/4.302	
		Commercial	4.292/4.068/4.080	4.154/3.996/4.151	4.902/4.633/4.637	
HSPF (Hot/Average/Cold climate)		Residential	2.994/3.327/3.523	3.229/3.288/3.285	3.160/3.371/3.543	
		Commercial	3.129/3.378/3.504	3.177/3.241/3.260	3.238/3.420/3.531	
Model/Indoor unit			ADH200H1ERG	AD722MTERAD	AD962MTERAD	
Electrical parameters	Power input	Watt	800	610	680	
Installation	Air flow	l/s	1200/1050/950/850	1120/1000/890/750	1250/1140/1030/920	
	ESP	Pa	62-300	100-300	100-300	
	Sound power level	dB(A)		67/64/62/60	68/65/63/61	
	Sound pressure level	dB(A)	54/50/45	53/50/48/46	54/51/49/47	
	External dimensions	HxWxD mm	500x1330x895	495x1333x748	495x1333x748	
	Shipping dimensions	HxWxD mm	568x1510x1037	668x1558x896	668x1558x896	
	Net/Shipping weight	kg	96/125	88/109	88/109	
	Supply air connection	WxH mm	958x377	1005x375	1005x375	
	Return air connection	WxH mm	1118x345	1140x405	1140x405	
	Drain	mm		Ø25 (OD)	Ø25 (OD)	
	Water pump	mm		/	/	
	Controller	Standard		/	/	/
		Optional	Touch	YR-E17	YR-E17	YR-E17
		Optional	Timeclock	YR-E16	YR-E16	YR-E16
		Wireless	RE02 & YR-HBS01	RE02 & YR-HBS01	RE02 & YR-HBS01	
		Wi-Fi	HI-WB101DEI	HI-WB101DEI		
Model/Outdoor unit			1UH200W1ERK	AU08NFKERA	AU10NFKERA	
Electrical parameters	Power input	Ph/V/Hz	3/380-415/50	3/380-415/50	3/380-415/50	
	Rated current	Cooling	10.3	9.9	13.8	
		Heating	10	9.8	13.5	
	Maximum current	Amp	15.3	19.0	23.8	
MCA Suggested Breaker Size	Amps	20.0	25	25		
Performance data	Air flow (H)	m ³ /h	10400	10000	10000	
	Sound power level	dB(A)	75	76	77	
	Sound pressure level	dB(A)	58	63	64	
Installation	External dimension	HxWxD mm	1636x1050x413	1636x1050x400	1636x1050x400	
	Shipping dimensions	HxWxD mm	1795x1150x510	1795x1150x510	1795x1150x510	
	Net/Shipping weight	kg	160/175	149/168	149/168	
	Compressor type		Twin rotary	Inverter twin rotary	Inverter twin rotary	
	Refrigerant type		R410A	R410A	R410A	
	Refrigerant liquid pipe	mm (Inch)	12.7 (½)	9.52 (¾)	9.52 (¾)	
	Refrigerant gas pipe	mm (Inch)	19.05 (¾)	22.2 (¾)	22.2 (¾)	
	Max pipe length	m	75	175	175	
	Max drop between I.U.&O.U	m	30	50	50	
	Pre-Charge refrigerant	kg	6.35	5.1	5.1	
	Pre-Charge line length	m	30	0	0	
Additional charge	g/m	90	45	45		
Working temp	Cooling (Min-Max)	°C	-10 to 46	-15 to 48	-15 to 48	
	Heating (Min-Max)	°C	-20 to 24	-20 to 27	-20 to 27	
DRED	Peak Smart (DRED) ready		YES	YES	YES	

Customer Care

Visit the website for more information
New Zealand: haierhome.co.nz

Customer support and service booking
New Zealand: support.haier.co.nz/s/book-a-service



LEARN MORE ABOUT
OUR PRODUCT HERE

Haier

Haier

Super Match Multi-Split System

Heat or cool multiple rooms with one outdoor unit.



Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the number one brand of connected air conditioner (including smart air conditioner) and the number one brand of healthy Self-Clean air conditioner in the world, measured in terms of retail sales volume in 2023.*



Award Winning

#1 SMART AIR
CONDITIONING BRAND
IN THE WORLD*



Global Scale

OPERATING IN
160 COUNTRIES



Innovation + Quality

10 R&D CENTRES
GLOBALLY



Service + Support

NATIONWIDE
SUPPORT

Heating and cooling expertise

As one of the world's largest heating and cooling brands, Haier, founded in China in 1984, offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide high-quality products and support to our customers in Australia and New Zealand.

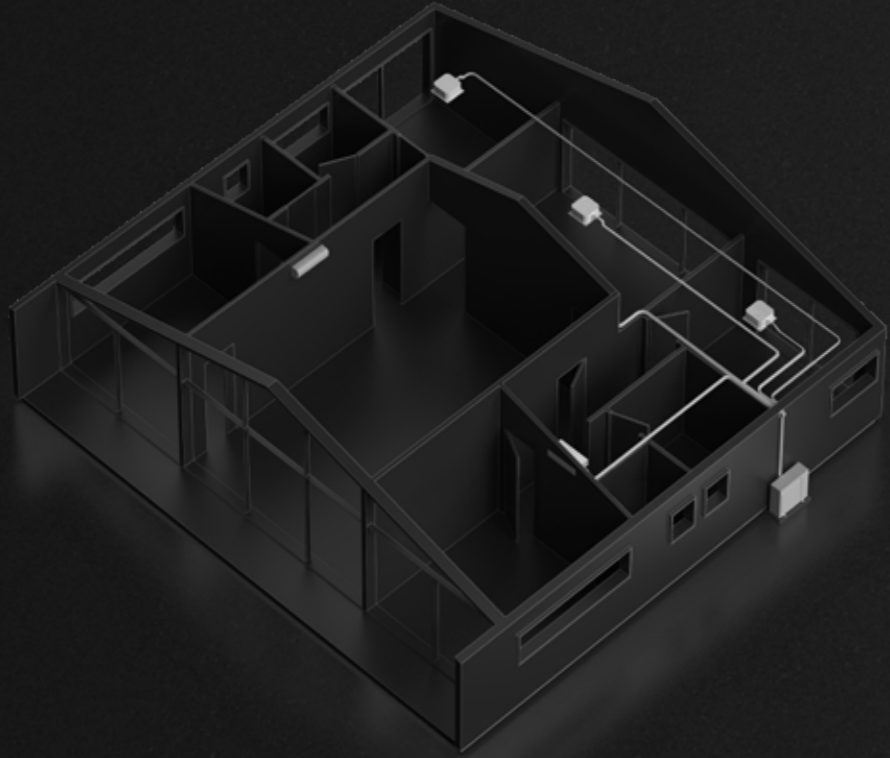
5 year warranty

Enjoy peace of mind with a 5 year manufacturer's warranty on products with less than 25kW system cooling capacity.

* Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

Multi-Split Systems Benefits

Multi-room or whole-of-home heating and cooling with independent temperature control using only one outdoor unit connected to multiple indoor units.



Mix and match

Enjoy the flexibility to mix and match a range of different indoor units throughout your home to heat/cool a few rooms or an entire house. When heating or cooling multiple rooms, Multi-splits are usually more economical than purchasing four or more individual split systems.

Control air movement

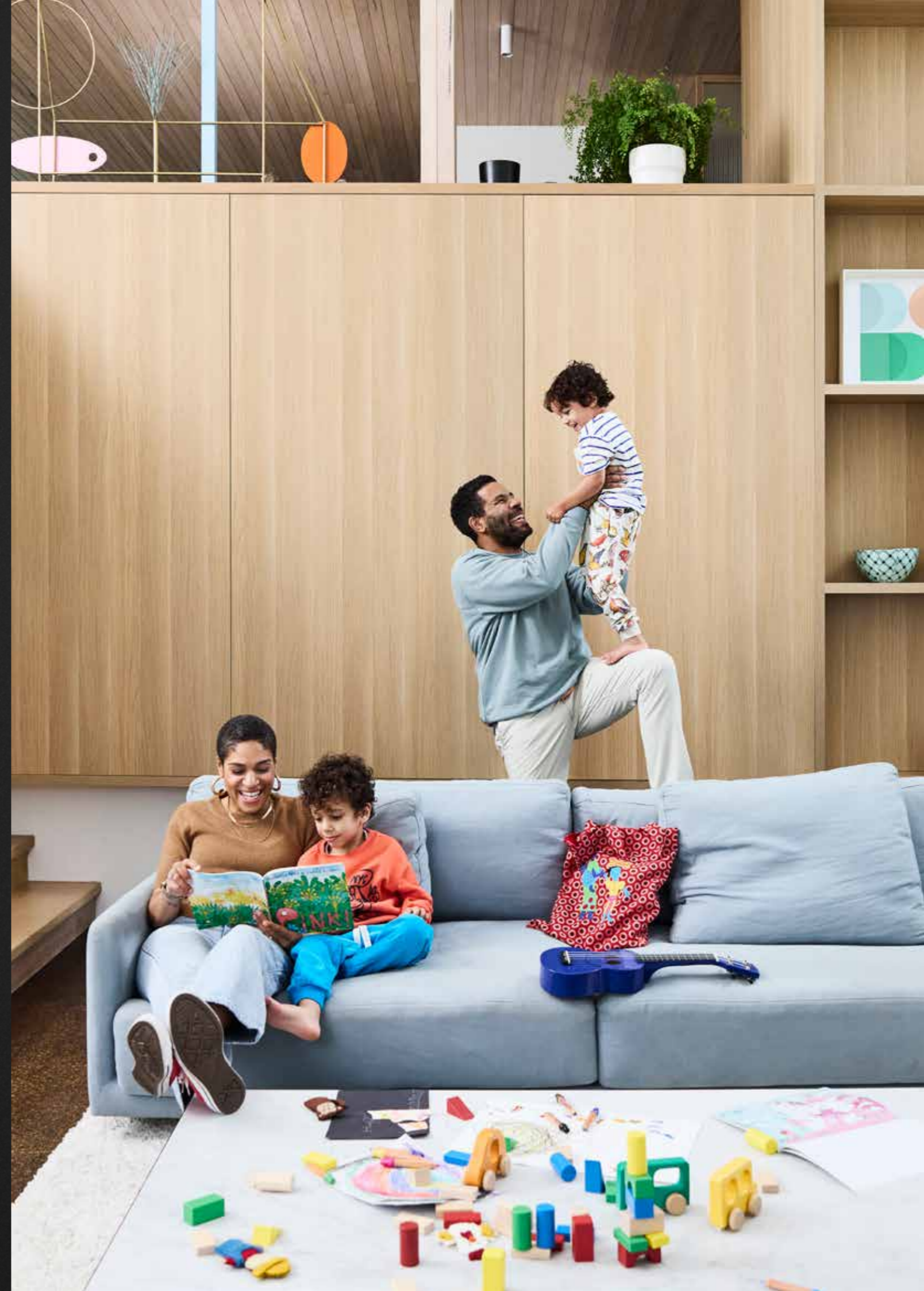
As each room is heated or cooled with an independent indoor unit, air is not being recirculated through the home between rooms.

Space saving

With one compact outdoor unit connecting to multiple individual indoor units, you remove the need to install multiple outdoor units for each indoor unit. Multi-splits are a great option when you want whole-of-home comfort, but do not have ceiling space for a ducted system.

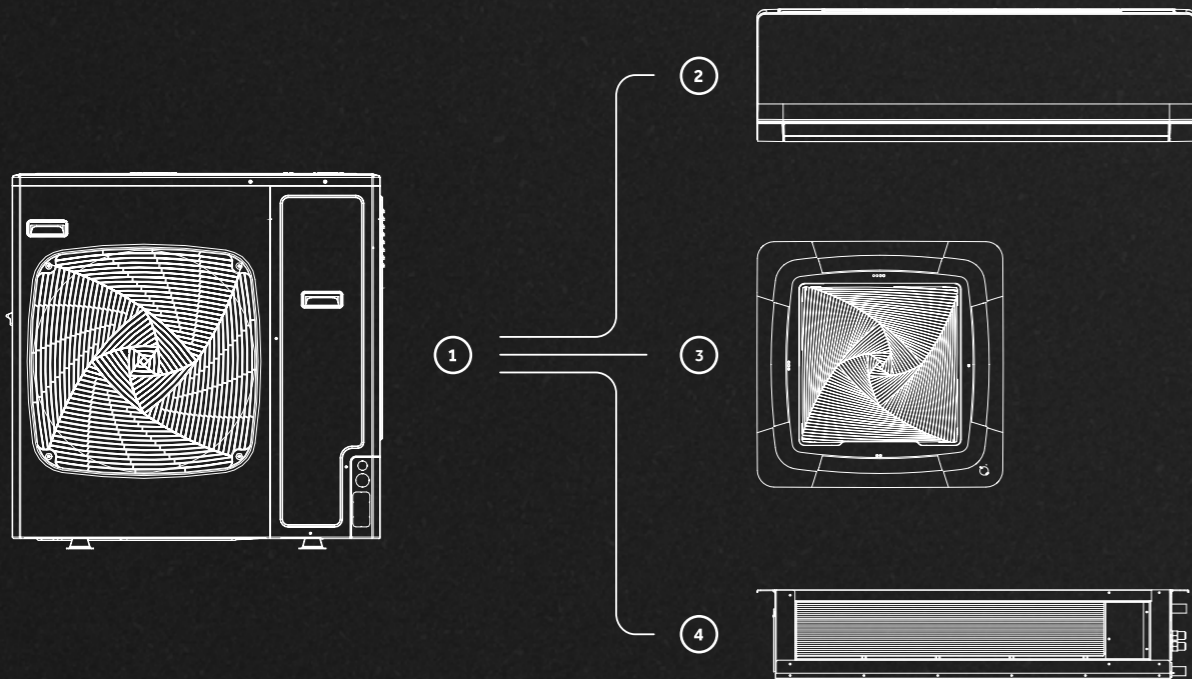
Independent temperature control

A Multi-split system lets you conveniently control the temperature in each room independently. Each indoor unit can be independently turned off and on and the temperature controlled using individual remotes to provide tailored comfort for each room.



Super Match

The Super Match range offers a wide range of possible indoor unit and outdoor unit combinations, for a customised heat pump solution for your space.



Super Match pairing

The Super Match outdoor unit is connectable to up to five indoor units. Heat or cool your home with any set of indoor units that work for you. This could include only using: wall mounted units; ceiling cassettes; or bulkhead units – or by using a combination.

① Reverse Cycle Outdoor (R32)

One unit to heat or cool multiple rooms in your home. There are five capacities to select from to suit your requirements.

③ Cassette

Sleek modern grille design.

② Wall Mounted

Anti-viral, anti-bacterial UV Protect air purification as well as built in SmartHQ™ Wi-Fi control.

④ Slim Ducted

Ultra compact to be installed in a bulkhead. Includes built in anti-viral, anti-bacterial UV Protect.

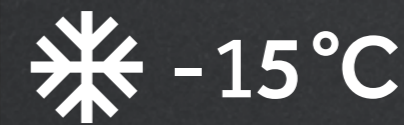
Super connect-ability

The Super Match outdoor unit is connectable to up to five indoor units. In most homes, where living areas are used throughout the day and bedrooms are used at night, Haier Super Match redistributes capacity allowing one outdoor unit to support units up to 192%* of it's rated capacity, conditioning your entire home economically.

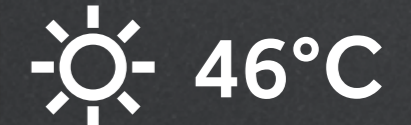
Expansive operating range

Performance in most New Zealand climates from -15°C to 46°C ambient air temperature. Outdoor coils are also protected with our anti-corrosion blue-fin coating on the coil to support performance.

LOWEST OPERATING RANGE

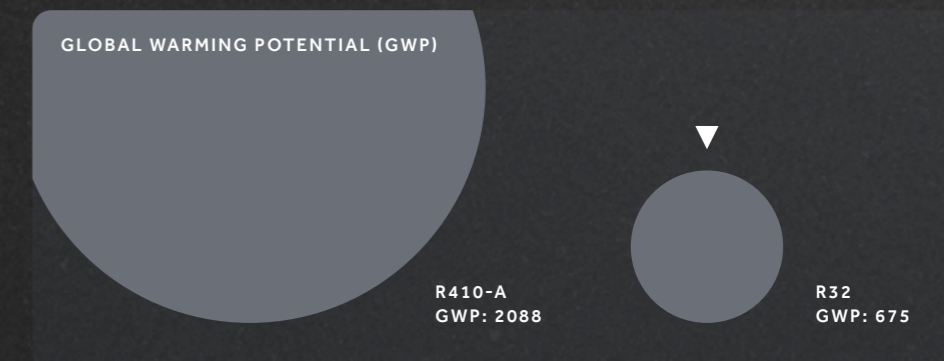


HIGHEST OPERATING RANGE



Respect for the planet

R32 – the refrigerant used in your Multi-split system to transfer heat between the indoor and outdoor units – has a Global Warming Potential (GWP) of 675, 66% lower than alternative refrigerants like R410A.



Connected

The global No. 1 connected air conditioner brand,** Haier makes life easier with convenient control of your Wi-Fi enabled appliances through the SmartHQ™ app. SmartHQ™ Wi-Fi is built into the wall hung indoor units, and can be added via an optional accessory for slim ducted and cassette indoor unit types.

Clean air

In addition to not transferring air through ductwork into other rooms, with the wall-mounted and slim ducted units, UV Protect helps to deliver clean air to your room using Health mode. Built-in LED UV lights kill airborne Staphylococcus aureus bacterial and the H3N2 virus at more than 91% effectiveness under specific test conditions.***

* 8kW 4U80S2PR1FA Model.

** Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

***Independent testing has found 91.47% elimination of the H3N2 virus in a 30m² closed room and 92.78% of Staphylococcus aureus bacteria in a 10m² closed room, for two hours on Health mode at the highest fan speed.

Efficient Design

The unique design of the Haier Super Match Multi-Split System gives you more flexibility, not only to mix and match indoor units, but also in the sizing of your system, through its high maximum connectable capacity.



High maximum connectable capacity

Haier Super Match can connect up to 192%* of the nominal capacity of the system. This means that rather than needing an outdoor unit that is sized to manage the combined total capacity of every indoor unit, assuming not all units would be used at the same times, a smaller outdoor unit can be selected.

Reduce your costs

By more appropriately sizing your system to real world usage – like the typical situation where living spaces are heated or cooled in the day, and bedrooms at night – you can select an outdoor unit with a lower nominal capacity, but sufficient maximum connectable capacity.

Get clever

The flexibility of Super Match allows you to design a system that is tailored to how you live, that isn't inflated with extra capacity for rare 'what if' scenarios and is more considered about energy use.

Sizing your system

What do I need to cool or heat?

Which rooms do you want to condition, how large are they, and are they all used at the same time? Do you want wall-mounted units in all rooms or do you want something more discrete and built in, where a ducted unit may be more appropriate?

Category	Rated cooling capacity				
	2.0	2.5	3.5	5.0	7.1
Wall Mounted	●	●	●	●	●
Cassette		●	●	●	●
Slim Ducted		●	●	●	●

Determine which outdoor unit you would like

Add up the capacities of all your indoor units, and then select an outdoor that suits, by referring to the table below. For example, if you want three indoor units, with a total capacity of 10kW, you could select between the 7, 8 or 10kW outdoor unit. Please consult with your qualified installer on your requirements.

Nominal capacity (cooling)	Nominal capacity (heating)	Maximum indoor quantity	Minimum connectable capacity	Maximum connectable capacity	Maximum connectable diversity %
5.5	5.8	3	2.0kW	8.5kW	155%
7.1	8.0	4	2.0kW	13.6kW	192%
8.0	8.8	4	2.0kW	14.2kW	178%
10.0	10.0	5	2.0kW	15.0kW	150%
12.0	12.0	5	2.0kW	18.7kW	156%

*7.1kW 4U71S2PR1FA Model

Respect for the Planet

Low Global Warming Potential (GWP) refrigerants and technology to improve energy efficiency.



Low GWP

R32 Refrigerant has a Global Warming Potential (GWP) of 675, 66% lower than alternative refrigerants like R410A.

Zero Ozone Depletion Potential

Damage by chemical compounds of the ozone layer is measured by Ozone Depletion Potential (ODP). R32 has a ODP of 0, which means it does not harm the ozone layer.

Inverter technology

An inverter compressor delivers the precise amount of heating or cooling capacity required, eliminating waste and minimising energy consumption.

Connected

In addition to the individual controllers, you can also control your Multi-split system through the SmartHQ™ app on your phone.*

Control from anywhere

Arrive home to comfort by remotely controlling your heat pump from anywhere.

Connected home

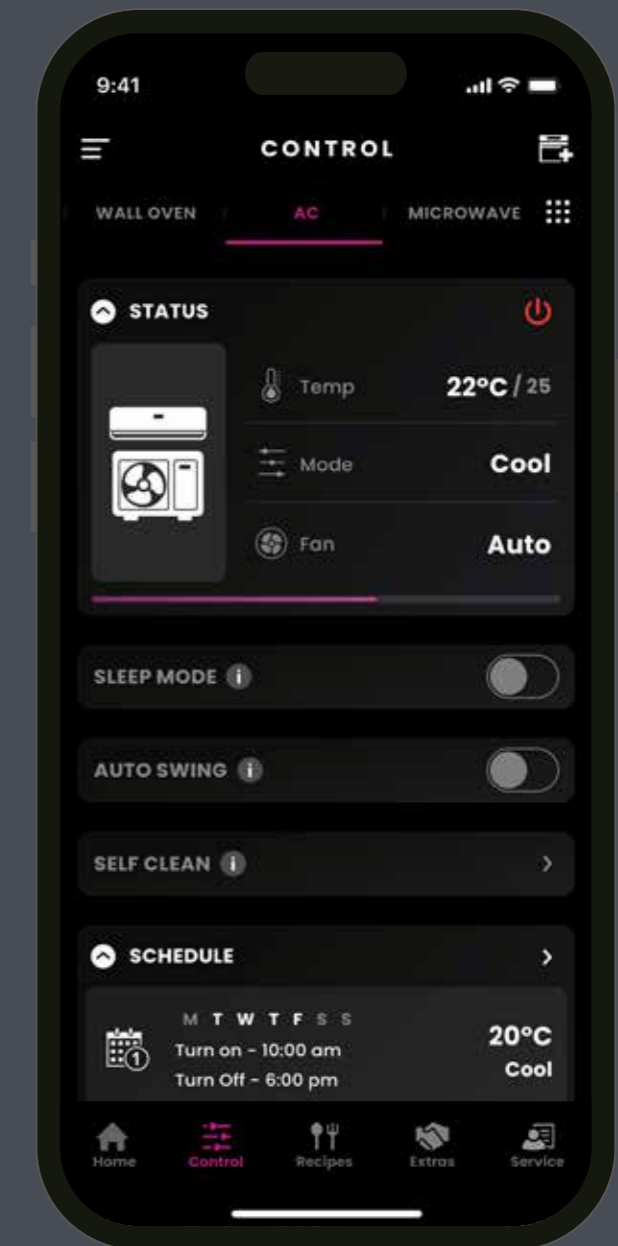
With Haier and Fisher & Paykel appliances able to be connected to the SmartHQ™ app, you can check in and manage all your other connected appliances, as well as control your heat pump.

Intuitive hands-free control

With voice control through Google Home Assistant or Amazon Alexa you can control your heat pump and ensure the perfect environment without getting off the couch. Try commands like 'Set the heat pump to 20 degrees', or 'Turn off the heat pump'.

Control and monitor

Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the heat pump off, or set up a schedule to heat or cool your room to the perfect temperature.



* SmartHQ™ Wi-Fi is built into the wall hung indoor units, and can be added via an optional accessory for slim ducted and cassette indoor unit types



Wall-Mounted 2 - 7kW

Maintain the perfect temperature with clean, fresh air and even more control of your heat pump thanks to Wi-Fi and voice control.



UV Protect

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.*

Continuously clean air

Air is cleaned through a combination of air filtration through the Exquisite Filter, an additional tri-colour filter as well as UV Protect sterilisation.

Intelligent airflow

Highly engineered airflow to automatically direct warm or cool air for ideal air circulation, air throw of up to 20m and Turbo Cool for fast cooling relief, all designed to create consistent comfort.

* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m² closed room and 92.78% of Staphylococcus aureus bacteria in a 10m³ closed room, for two hours on Health mode at the highest fan speed.

Slim Ducted 2.5 - 7.1kW

Tucked into a bulkhead, this Slim Ducted provides discrete airflow.



Ultra compact design

With a height of only 185mm and a depth of 420mm, the slim ducted unit is able to fit into small bulkheads, creating flexibility in installation. Rear or bottom return air options, as well as a built in drain pump, add to its installation flexibility.

UV Protect

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.*

3D airflow grille

Available as an optional accessory, the 3D airflow grille provides airflow control via motorised louvres, and also closes when the system is turned off.

4 Way Compact Cassette 2.6 - 7.1kW

Compact ceiling mounted cassette unit with sleek modern grille design.



Four-way air flow

Ideal for large open plan spaces, the louvres are designed to direct airflow far and wide for even temperature distribution.

Ultra quiet

The Helix fan blade design with a diffuser has been engineered to reduce noise from that of a standard fan, creating a quieter environment.

Flexible installation

Designed to provide the ability for fresh air intake with a fresh air knockout, delivering fresh air into the room. Also includes a built in drain pump.

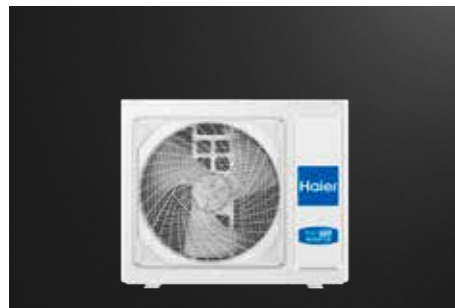
* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

Reverse Cycle Outdoor (R32) Specifications

Model 3U55S2PR1FA (5.5kW)
 Model 4U71S2PR1FA (7.1kW)
 Model 4U80S2PR1FA (8.0kW)

Model 5U100S2PS1FA (10.0kW)

Model 5U125S2PN1FA (12.0kW)



Model/Outdoor unit				3U55S2PR1FA	4U71S2PR1FA	4U80S2PR1FA	5U100S2PS1FA	5U125S2PN1FA
Maximum connected quantity of indoor units				3	4	4	5	5
Performance data	Capacity	Cooling	kW nom	5.5	7.1	8.0	10.0	12.0
			(min-max)	2.1-6.6	2.4-8.7	3.2-9.5	3.2-11	3.2-13.8
		Heating	kW nom	5.8	8.0	8.8	10.0	12.0
			(min-max)	1.7-7.2	3.1-10	4.4-10.5	4.4-11.5	4.4-14.3
	Rated power input	Cooling	kW nom	1.4	2.0	2.4	2.9	3.5
			(min-max)	0.55-2.5	0.55-3.4	0.55-3.5	0.55-4.1	0.55-5.2
		Heating	kW nom	1.4	2.0	2.3	2.4	2.9
			(min-max)	0.55-2.2	0.55-3.1	0.55-3.4	0.55-3.4	0.55-4.3
EER/COP			3.99/4.20	3.64/4.10	3.40/3.91	3.45/4.20	3.40/4.10	
AEER/ACOP			3.86/4.07	3.52/3.97	3.31/3.80	3.37/4.08	3.32/3.98	
Star rating (Hot/Average/Cold)		Cooling	3.5/2.5/2.5	3.0/2.0/2.0	2.5/2.0/2.0	3.0/2.5/2.5	3.0/2.5/2.5	
		Heating	3.0/2.5/2.0	2.5/2.5/2.0	2.5/1.5/1.0	3.0/2.0/1.5	3.0/2.5/1.5	
TCSPF (Hot/Average/Cold)		Residential	5.182/4.404/4.395	4.581/3.915/3.895	4.366/3.798/3.811	4.689/4.098/4.155	4.666/4.084/4.150	
		Commercial	5.656/5.562/5.849	4.977/4.877/5.116	4.729/4.675/4.923	5.103/5.099/5.407	5.081/5.087/5.401	
HSPF (Hot/Average/Cold)		Residential	4.608/4.173/3.601	4.343/4.072/3.698	4.269/3.304/2.764	4.608/3.661/3.080	4.603/4.024/3.405	
		Commercial	4.599/4.324/3.863	4.331/4.158/3.849	4.260/3.725/3.071	4.599/4.071/3.383	4.597/4.258/3.624	
Electrical parameters	Power supply		Ph/V/Hz	1/220-240/50/60				
	Rated Load Amps (RLA)	Cooling	Amp	6.1/6.1	8.7/8.7	10.5/10.1	12.9/10.6	15.5/12.8
		Heating	Amp	10.8/9.5	14.7/13.5	15.5/14.6	18.2/14.6	23.0/18.7
	Breaker Size		Amp	25				
Performance	Air flow (H/M/L)		m ³ /h	3000	4000	4200		
	Sound power level (H/M/L)		dB(A)	64	68	70	73	
	Sound pressure level (H/M/L)		dB(A)	51	55			58
	External dimensions (W/D/H)		mm	890x340x700			920x372x760	950x370x965
Shipping dimensions (W/D/H)		mm	1010x455x835			1045x488x890	1050x485x1170	
Net/Shipping weight		kg	50/59	61/70	66/77	79/91		
Compressor type			Twin Rotary (DC Inverter)					
Refrigerant type/charge			R32/1.4	R32/2.2	R32/2.4	R32/2.5		
GWP			675					
Installation	Refrigerant liquid pipe		mm	3xØ6.35	4xØ6.35	5xØ6.35		
	Refrigerant gas pipe		mm	3xØ9.52	3xØ9.52 + 1xØ12.7	3xØ9.52 + 2xØ12.7		
	Total pipe length (Max)		m	50	70	80	100	
	Single pipe length (Max)		m	25				
	Max height between I.U. & O.U		m	15				
	Max height between I.U. & I.U		m	7.5				
	Pre-charge length		m	30	40	50		
	Additional refrigerant charge		g/m	20				
Working temp.	Cooling (Min-Max)		°C	-10 to +46				
	Heating (Min-Max)		°C	-15 to +24				

Wall-Mounted Specifications

Model AS20PBDHRA (2.0kW)
 Model AS26PBDHRA (2.5kW)
 Model AS35PBDHRA (3.5kW)
 Model AS53PDDHRA (5.0kW)
 Model AS71PDDHRA (7.0kW)

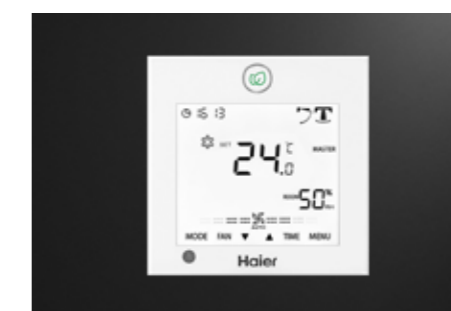
Model YR-HE
 (Included as standard)



Model/Indoor unit		AS20PBDHRA	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA		
Capacity Electrical	Cooling	kW nom	2.0	2.5	3.5	5.0		
	Heating	kW nom	2.3	3.0	3.7	5.5		
	Sensible heat ratio (cooling)	W	0.76					
	Dehumidifying capacity (cooling)	10 ⁻³ x m ³ /h	1	1.2	1.6	3		
	Power supply	Ph/V/Hz	1/220-240/50					
Indoor unit	Air flow (H/M/L/Q)		m ³ /h	560/480/350	560/480/350	650/550/450	950/830/710	
	External dimensions (WxDxH)		mm	805x200x292			970x220x320	
	Shipping dimensions (WxDxH)		mm	874x363x270			1035x285x285	
	Drainage Pipe (material, I.D/O.D)		mm	PVC, 13/17				
	Control type (Remote/Wired)			Remote YR-HE(S) / Wired YR-E17A(O)				
	Wi-Fi			(S)				
	Sound power level (H/M/L)		dB(A)	58	58	66	67	
	Sound pressure cool (H/M/L)		dB(A)	40/36/32/21	40/36/32/21	40/36/32/22	47/43/37/33	
Piping	Net/Shipping weight		kg	8.7/10.7			11.6/13.8	
	Refrigerant type		kg	R32				
	Refrigerant liquid pipe		mm	6.35 (¼)				
	Refrigerant gas pipe		mm	9.52 (¾)			12.7 (½)	
	Connecting Method			YR-HG				

Optional controllers

Model YR-E17A



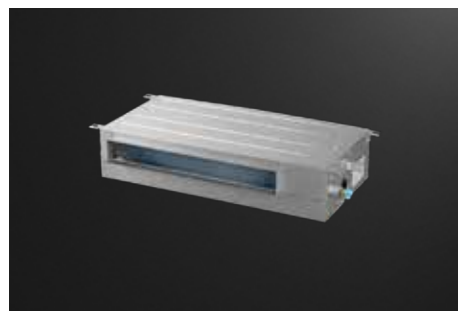
Model YR-E16B



Slim Ducted Specifications

Model AB25S2PS1FA (2.5kW)
 Model AB35S2PS1FA (3.5kW)
 Model AD50S2PS1FA (5.0kW)
 Model AD71S2PS1FA (7.1kW)

Model YR-E17A
 (Included as standard)



Model/Indoor unit			AD25S2PS1FA	AD35S2PS1FA	AD50S2PS1FA	AD71S2PS1FA
Capacity electrical	Cooling	kW nom	2.5	3.5	5.0	7.1
	Heating	kW nom	3.0	4.0	5.5	7.5
	Sensible heat ratio (cooling)	W	0.71			
	Dehumidifying capacity (cooling)	10 ⁻³ x m ³ /h	1.0	1.5	2.2	3.0
	Power supply	Ph/V/Hz	1/220 - 240/50			
Indoor unit	Air flow (H/M/L/Q)	m ³ /h	530/460/390/330	600/480/420/350	900/750/600	1000/850/750
	External static pressure	pa	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40
	External dimensions (L/W/H)	mm	850x420x185		1170x420x185	
	Shipping dimensions (L/W/H)	mm	1045x530x260		1365x530x260	
	Drainage Pipe (material. I.D./O.D)	mm	PVC 27/31			
	Control type (Remote/Wired)		Remote YR-HQS01(O) Wired YR-E17A(S)			
	W-Fi		(O)			
	Sound power level (H/M/L)	dB(A)	50 (51)	53 (51)	54 (54)	57(57)
	Sound pressure cool (H/M/L)	dB(A)	29/28/25	33/28/25	36/34/32	46/44/42
	Net/Shipping weight	kg	16/21		22/28	25.2/28.4
Panel	Model		P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
	External dimensions (WxDxH)	mm	890/190/100 (outlet panel) / 890/290.5/32.4 (inlet panel)		1210/190/100 (outlet panel) / 1210/290.5/32.4 (inlet panel)	
	Shipping dimensions (WxDxH)	mm	938x335x220		1258x335x220	
	Net/Shipping weight	kg	4/5		5/6	
Piping	Refrigerant type		R32			
	Refrigerant liquid pipe	mm	Ø6.35 (¼)		Ø9.52 (¾)	
	Refrigerant gas pipe	mm	Ø9.52		Ø12.7	Ø15.88
	Connecting Method		Flared			

Optional controllers

Model RE-02



Model YR-HRS01



4 Way Cassette Specifications

Model AB25S2PC1FA (2.5kW)
 Model AB35S2PC1FA (3.5kW)
 Model AB50S2PC1FA (5.0kW)

Model AB71S2PC1FA (7.1kW)

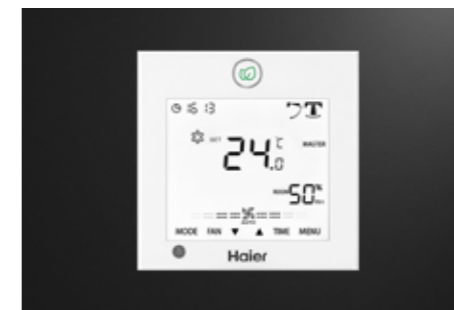
Model YR-HQS01
 (Included as standard)



Model/Indoor unit			AB25S2PC1FA	AB35S2PC1FA	AB50S2PC1FA	AB71S2PC1FA
Capacity electrical	Cooling	kW nom	2.6	3.5	5.0	7.1
	Heating	kW nom	3.2	4.0	5.5	8.0
	Sensible heat ratio (cooling)	W	0.71			
	Dehumidifying capacity (cooling)	10 ⁻³ x m ³ /h	1.0	1.5	2.2	3.0
	Power supply	Ph/V/Hz	1/220 - 240/50			
Indoor unit	Air flow (H/M/L/Q)	m ³ /h	560/450/390/330 (620/520/450/350)	650/520/450/350	700/600/500/400	1260/1070/820/680
	External dimensions (WxDxH)	mm	570/570/260		840/840/240	
	Shipping dimensions (WxDxH)	mm	718/680/380		930/930/330	
	Drainage Pipe (material. I.D./O.D)	mm	PVC 26/32			
	Control type (Remote/Wired)		Remote YR-HQS01(S) Wired YR-E17A(O)			
	Wi-Fi		(O)			
	Fresh air hole dimension		95			
	Sound power level (H/M/L)	dB(A)	50	52	55	
	Sound pressure cool (H/M/L)	dB(A)	38/25/23	36/33/30/27	42/37/35/32	42/40/38/35
	Net/Shipping weight	kg	17/20	18.5/22		25.5/30.5
Panel	Model		PB-620KB		PB-950KB	
	External dimensions (WxDxH)	mm	620/620/60		950/950/50	
	Shipping dimensions (WxDxH)	mm	660/660/115		1013/1025/123	
	Net/Shipping weight	kg	2.8/4.5		6.5/9.5	
Piping	Refrigerant type		R32			
	Refrigerant liquid pipe	mm	Ø6.35		Ø9.52	
	Refrigerant gas pipe	mm	Ø9.52	Ø12.7	Ø15.88	
	Connecting Method		Flared			

Optional controllers

Model YR-E17A



Model YR-E16B



Customer Care

Visit the website for more information
New Zealand: haierhome.co.nz

Customer support and service booking
New Zealand: support.haier.co.nz/s/book-a-service



LEARN MORE ABOUT
OUR PRODUCT HERE

Haier

Haier

Pinnacle Wall-Mounted Split System

Heating and cooling with air purification for true comfort.



Key Features Pinnacle

2.5, 3.5, 5.0, 7.0kW



Continuously Clean Air

Air is purified through a combination of air filtration through the Exquisite Filter, an additional tri-colour filter as well as UV Protect Sterilisation. With a push of a button, your heat pump initiates Self-Clean, reducing dust and bacteria and also improves efficiency by keeping the heat exchanger clean.

Inhibits Airborne Germs

Health Mode uses UV Protect Sterilisation – ultraviolet LED technology used in hospital surface disinfection – to help inhibit airborne bacteria and viruses. The built-in LED UV lights have been shown to inhibit airborne bacteria and viruses at more than 91% effectiveness under specific test conditions.*

Modern Design

Softly curved, matte design seamlessly fits into almost any space. Progressive design isn't just aesthetics, from the use of a low Global Warming Potential refrigerant to Wi-Fi connectivity and wireless control through the SmartHQ™ app, Pinnacle is future-focussed.

Intelligent Airflow

Highly engineered airflow to automatically direct warm or cool air for ideal air circulation, air throw of up to 20m and Turbo Cool for fast cooling relief, all designed to create consistent comfort.

* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

Healthy Air

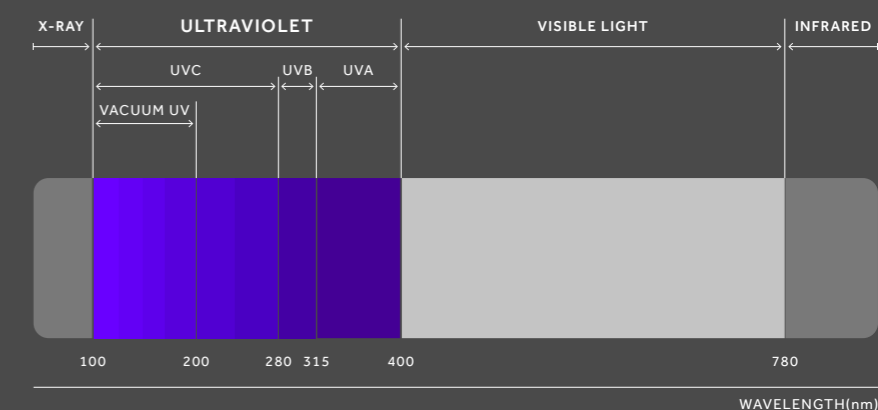
Focusing on air quality, Haier has developed a range of technologies that help to keep your heat pump clean, functioning efficiently, and putting out fresh, clean air into your home.



UV Protect Sterilisation

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.*

UV STERILISATION



Self-Clean on Outdoor Unit

In addition to the self-cleaning technology within the indoor unit, Pinnacle has a self clean function for the outdoor unit, helping avoid corrosion. By activating freeze-and-defrost Cold Expansion technology, which loosens, then flushes, salt and dirt away from the outdoor coil, you keep your outdoor unit cleaner, effortlessly.

Cleaner Indoor Air

The Self-clean function rapidly freezes and defrosts the coil to remove unwanted dirt, mould, and dust. Self-clean technology helps ensure clean airflow from your heat pump.

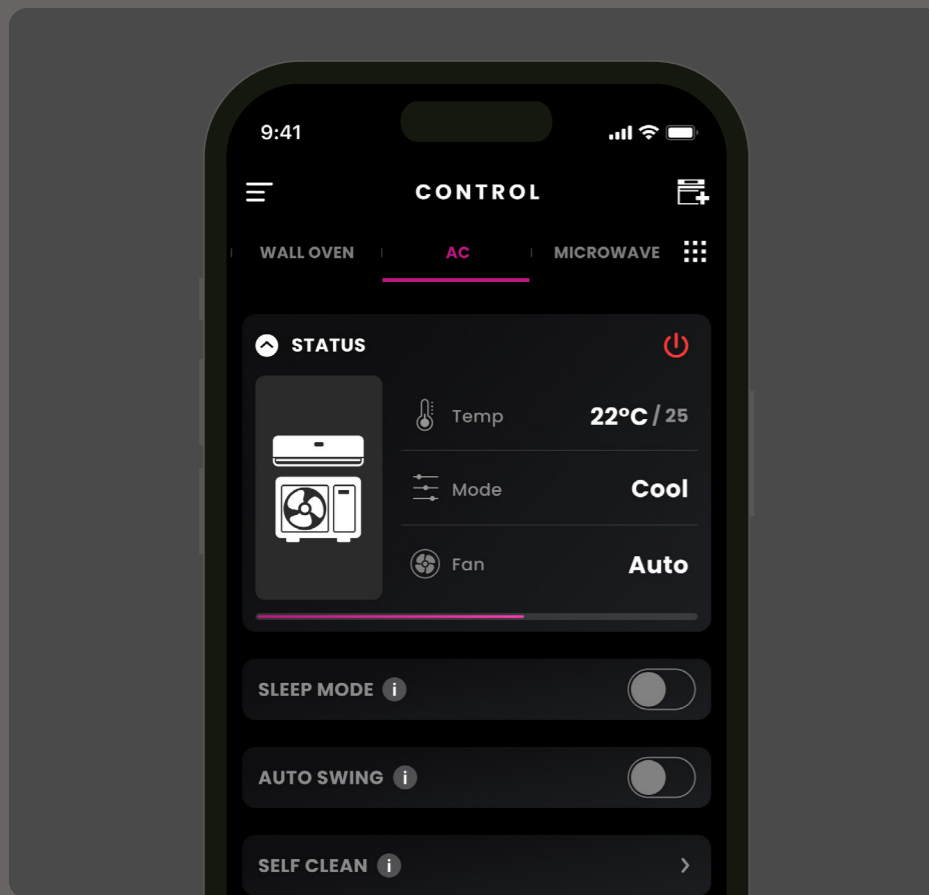
Antibacterial Technology

An internal coating of silver nanoparticles can inhibit bacterial growth on the surfaces of the indoor unit.

* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

Connected

The global No. 1 connected air conditioner brand*, Haier makes life easier with convenient control of your Wi-Fi enabled appliances through the SmartHQ™ app.



Intuitive Hands-Free Control

With voice control through Google Home Assistant or Amazon Alexa you can control your heat pump and ensure the perfect environment without getting off the couch. Try commands like 'Set the heat pump to 20 degrees', or 'Turn off the heat pump'.

Control and Monitor

Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the heat pump off, or set up a schedule to heat or cool your room to the perfect temperature.

Control from Anywhere

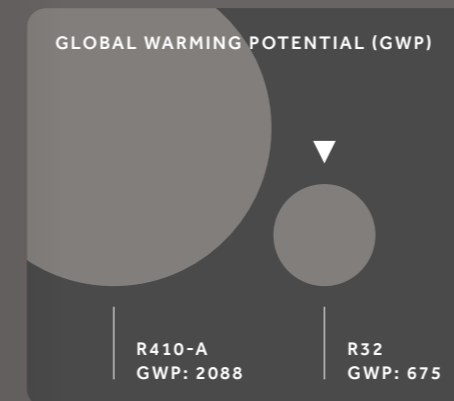
Arrive home to comfort by remotely controlling your heat pump from anywhere.

Connected Home

With Haier and Fisher & Paykel appliances able to be connected to the SmartHQ™ app, you can check in and manage all your other connected appliances, as well as control your air conditioner.

Efficient Design

A combination of Intelligent Air, Coanda Plus Airflow and Turbo Cooling technologies work to deliver air around your space in a more intuitive way to warm or cool your space more quickly.

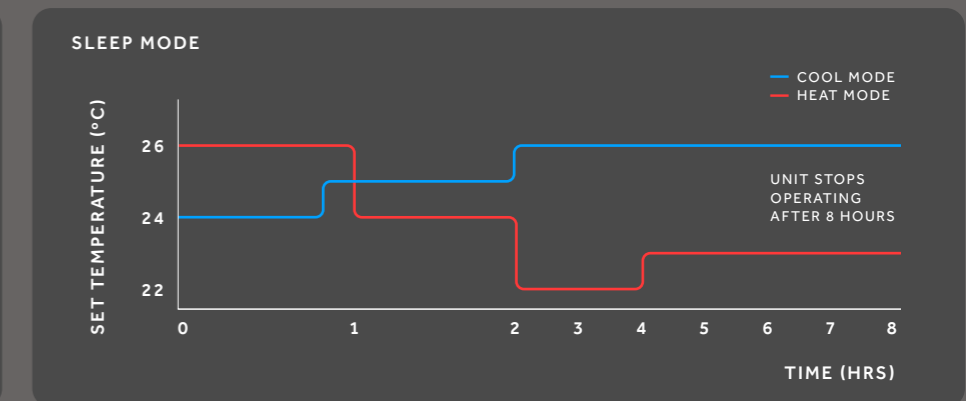


R32 Refrigerant

R32 – the refrigerant used in your Pinnacle wall mounted split system to transfer heat between the indoor and outdoor units – has a Global Warming Potential (GWP) of 675, 66% lower than alternative refrigerants like R410A.*

Coanda Plus

In our 2.5-7kW models, Coanda Plus Airflow utilises technology from aircraft design, so that air flows further and faster to every corner of the room, giving you a more even and comfortable space.



Intelligent Air

Intelligent Air directs cold air upwards and warm air downwards, for effective heating or cooling. Cool air is directed towards the ceiling avoiding a drafty chill on your neck from the cold airflow. The cool air then diffuses from the ceiling to the floor for total comfort.

Far-Reaching Air Flow

With innovative fan and motor technology, air from your Pinnacle reaches long distances – as much as 20 metres with the 7kW model.

Sleep Mode

A specially developed Sleep Mode raises, lowers and maintains the temperature of your bedroom throughout the night to create an ideal sleeping environment, hour by hour.

Turbo Cooling

The Turbo program boosts the fan to work at a higher speed, bringing you a cool room in a shorter time.

* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

Specifications

Indoor Units

Model AS26PBDHRA (2.5kW)
 Model AS35PBDHRA (3.5kW)
 Model AS53PDDHRA (5.0kW)
 Model AS71PDDHRA (7.0kW)



Outdoor Units

Model 1U26MACFRA (2.5kW)
 Model 1U35MACFRA (3.5kW)



Model 1U53RACFRA (5.0kW)
 Model 1U71RACFRA (7.0kW)



Controller

YR-HE, ver 2



- Simple button design
- Precise temperature control
- Clearer messaging with HEAT and COOL displayed in words on the remote buttons.

	Set	AS26PBDHRA-SET	AS35PBDHRA-SET	AS53PDDHRA-SET	AS71PDDHRA-SET
Model	Indoor	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA
	Outdoor	1U26MADFRA	1U35MADFRA	1U53WADFRA	1U71WADFRA
ZERL Star Rating	Cooling (Hot/Avg/Cold)	4.5/4.0/4.0	3.5/3.5/3.5	3.5/3.0/3.5	2.5/2.5/2.5
	Heating (Hot/Avg/Cold)	3.5/3.0/2.0	3.0/2.5/1.5	3.0/2.5/2.0	2.5/2.0/1.5
Capacity (kW) Rated (Min-Max)	Cooling (kW)	2.5 (1.2 - 3.0)	3.5 (1.2 - 3.9)	5.0 (1.3 - 5.5)	7.0 (1.8 - 7.5)
	Heating (kW)	3.0 (1.2 - 3.6)	3.7 (1.3 - 4.3)	5.5 (1.4 - 6.2)	7.6 (1.8 - 8.2)
Power input (kW) Rated (Min-Max)	Cooling	0.56 (0.23 - 1.18)	0.92 (0.30 - 1.4)	1.30 (0.2 - 1.9)	2.12 (0.3 - 2.6)
	Heating	0.68 (0.21 - 1.5)	1.0 (0.29 - 1.7)	1.4 (0.2 - 2.5)	2.27 (0.3 - 2.7)
EER/AEER		4.46/4.40	3.80/3.76	3.85/3.82	3.30/3.29
COP/ACOP		4.41/4.36	3.70/3.66	3.93/3.91	3.35/3.29

Electrical

Rated Load Amps (Amp)	Cooling	2.5	4.1	6.0	9.5
	Heating	2.9	4.4	6.4	10.0
MCA Max Circuit Amps (Amp)		7.2	8.1	11.0	12.2
Breaker size (Amp)		10	10	16	20
Power cable connection location		Outdoor			
Power supply (Ph/V/Hz)		1/220-240/50			

Refrigeration

Refrigerant Type	R32			
Refrigerant Factory Charge (kg)	0.80	0.84	1.02	1.10
Pipe Size	Liquid Line mm (inch)	6.35 (¼)		
	Suction Line mm (inch)	9.52 (¾)		12.70 (½)
Pipe Length (Min-Max)	3-15		3-25	
Maximum Height Difference (m)	10		15	
Precharged up to a Length (m)	7		10	
Additional Refrigerant (grams/meter)	20			

Indoor Unit

Model	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA
Net dimensions - W/D/H (mm)	805/200/292	805/200/292	970/220/320	970/220/320
Net weight (kg)	8.7	8.7	11.6	11.6
Air Flow T/H/M/L Cooling (L/S)	155/133/97	180/152/125	260/228/195	305/260/220
Sound Pressure Level - SWL (dBA)	40/36/32/21	40/36/32/22	47/43/37/33	48/44/38/33
Remote	YR-HE			

Outdoor Unit

Model	1U26MADFRA	1U35MADFRA	1U53WADFRA	1U71WADFRA
Net dimension (mm)	W/D/H			
	800/275/553	800/275/553	890/340/705	890/340/705
Net weight (kg)	29.7	30.0	43.2	43.5
Compressor Type	Rotary			
Sound Pressure Level (dBA)	51	53	53	54
Sound Power Level (dBA)	59	63	66	67

Operating Temperature Range

Outdoor (Min-Max)	Cooling (kW)	-10°C to +46°C
Outdoor (Min-Max)	Heating (kW)	-15°C to +24°C

Notes: ZERL Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination. Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1. Coanda airflow unavailable for AS90PFDHRA



Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the world's leading brand of connected air conditioners with an impressive market share of over 33% in volume sales in 2022*.

39

Year History

FOUNDED IN CHINA
IN 1984



Experience

OPERATING IN
160 COUNTRIES



Quality

10 R&D CENTRES
GLOBALLY



Service

NATIONWIDE
SUPPORT

Heating and Cooling Expertise

As one of the world's largest heating and cooling brands, Haier offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

In Australasia, Haier's strength is complemented by Fisher & Paykel, a trusted brand that is now part of the Haier Group. Together, they leverage Haier's global reach and Fisher & Paykel's local service network to provide industry-leading products and support to our customers in Australia and New Zealand.

5 Year Warranty

Enjoy peace of mind with a 5 year manufacturer's warranty.

* Data source: Euromonitor International Ltd, research conducted in February 2023 based on 2022 retail volume sales data. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

Customer Care

Visit the website for more information
New Zealand: haierhome.co.nz

Customer support and service booking
New Zealand: 0800 424 372



LEARN MORE ABOUT
OUR PRODUCT HERE

Haier

Haier

Quartz Plus Heating and Cooling Wall-Mounted Split System

Our most energy efficient wall-mounted system for heating,
with a premium, sleek design.



Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the number one brand of connected air conditioner (including smart air conditioner) and the number one brand of healthy Self-Clean air conditioner in the world, measured in terms of retail sales volume in 2023.*



Award Winning

#1 SMART AIR
CONDITIONING BRAND
IN THE WORLD*



Global Scale

OPERATING IN
160 COUNTRIES



Innovation + Quality

10 R&D CENTRES
GLOBALLY



Service + Support

NATIONWIDE
SUPPORT

Heating and cooling expertise

As one of the world's largest heating and cooling brands, Haier, founded in China in 1984, offers a comprehensive range of industrial, commercial, and residential air conditioning and water heating products. These are trusted in homes and businesses across the globe.

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Key Features Quartz Plus

2.5, 3.5, 5.0, 6.0, 7.1, 8.0kW



More efficient heating

Quartz Plus is our most efficient model in terms of heating performance, meeting the requirements of many rebate and energy efficiency schemes.

Inhibits airborne germs

Health mode uses UV Protect sterilisation – ultraviolet LED technology used in hospital surface disinfection – to help inhibit airborne bacteria and viruses. The built-in LED UV lights have been shown to inhibit airborne bacteria and viruses at more than 91% effectiveness under specific test conditions.*

Design beyond the surface

Unobtrusive, stylish design is coupled with innovative design features under the hood. A premium back-lit remote makes operation a breeze. Our hydrophilic Blue Fin coating helps to protect the outdoor unit from corrosion while Self-Clean on both indoor and outdoor units helps keep the heat exchanger clean.

Intelligent airflow

Highly engineered airflow to automatically direct warm or cool air for ideal air circulation, air throw of up to 20m and Turbo Cool for fast cooling relief, all designed to create consistent comfort.

Wi-Fi

We believe in integrating smart technology into the heart of every home. The SmartHQ™ app puts control in your hands and means you can control your heat pump from anywhere at anytime. Our products are also compatible with Google Home and Amazon Alexa.

Tailored comfort

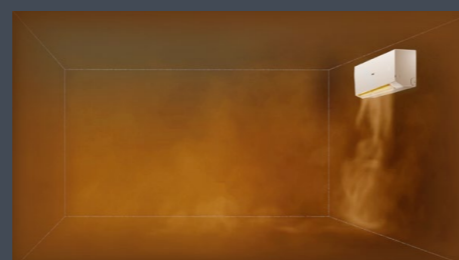
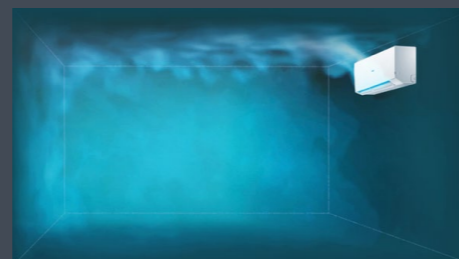
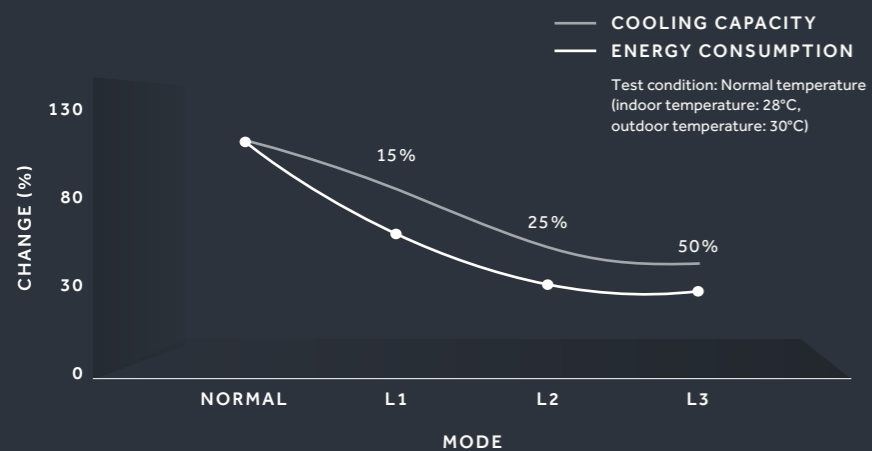
'I Feel' mode has been designed to provide personalised comfort. The remote control has a built-in temperature sensor; when you have the remote close at hand and activate the 'I Feel' mode, the air conditioner tailors the room's temperature to where you are.

* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m2 closed room and 92.78% of Staphylococcus aureus bacteria in a 10m3 closed room, for two hours on Health mode at the highest fan speed.

Efficient Design

A combination of 3D Air Flow, Intelligent Air, Coanda Plus Airflow and Turbo Cooling technologies work to deliver air around your space in a more intuitive way to warm or cool your space more quickly.

ENERGY SAVING: ECO MODE



Energy efficiency

Our most energy efficient wall-mounted system for heating.* Energy efficient innovations on all models including the DC inverter and Eco mode help to reduce how much power you use to heat or cool your home compared to models that don't have these features.

Eco mode

Designed to save energy while maintaining a comfortable room temperature. In Eco mode, the heat pump adjusts its cooling or heating power to consume less electricity by running the compressor and fan at lower speeds or by cycling them on and off more frequently.

Intelligent Air

Intelligent Air directs cold air upwards and warm air downwards, for effective heating or cooling. Cool air is directed towards the ceiling avoiding a drafty chill on your neck from the cold airflow. The cool air then diffuses from the ceiling to the floor for total comfort.

3D Airflow

For even comfort, our 3D Airflow means the airflow swings horizontally and vertically, evenly distributing the air throughout the space, even in large rooms. Say goodbye to cold corners with more consistent temperatures.

Coanda Plus

In our 2.5-7kW models, Coanda Plus airflow utilises technology from aircraft design, so that air flows further and faster to every corner of the room, giving you a more even and comfortable space.

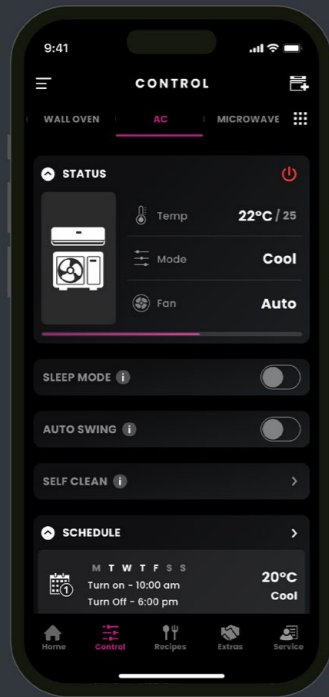
Far-reaching air flow

With innovative fan and motor technology, air from your Quartz reaches long distances – as much as 20 metres with the 7kW model.

The Turbo program boosts the fan to work at a higher speed, bringing you a cool room in a shorter time.

Connected

The global No. 1 connected air conditioner brand*, Haier makes life easier with convenient control of your Wi-Fi enabled appliances through the SmartHQ™ app.



Control from anywhere

Arrive home to comfort by remotely controlling your heat pump from anywhere.

Intuitive hands-free control

With voice control through Google Home Assistant or Amazon Alexa you can control your heat pump and ensure the perfect environment without getting off the couch. Try commands like 'Set the heat pump to 20 degrees', or 'Turn off the heat pump'.

Control and monitor

Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the heat pump off, or set up a schedule to heat or cool your room to the perfect temperature.

Connected living

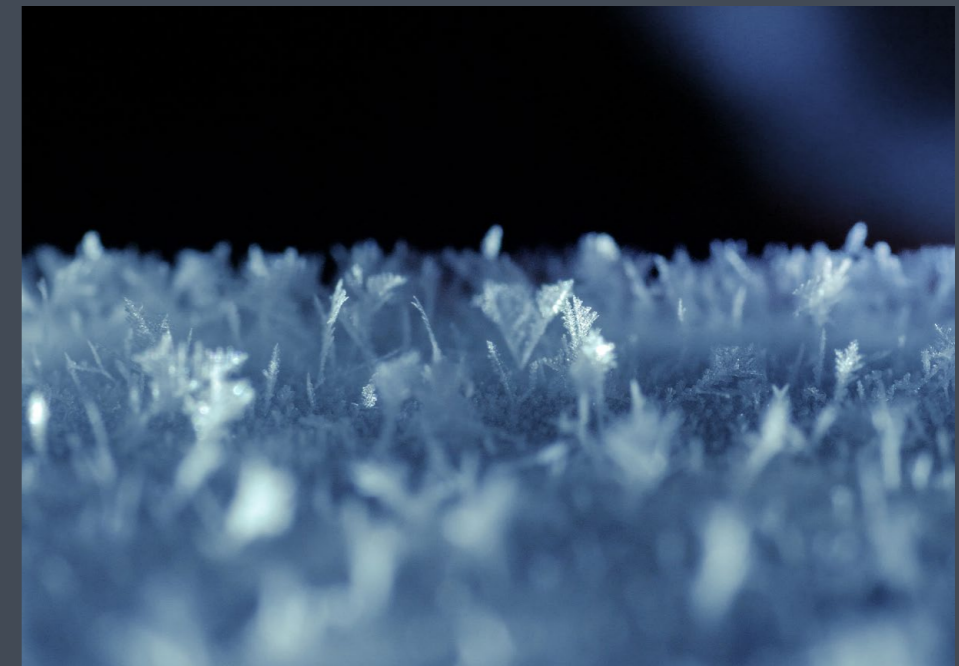
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Healthy Air

Focusing on air quality, Haier has developed a range of technologies that help to keep your heat pump clean, functioning efficiently, and putting out fresh, clean air into your home.

UV Protect

UV Protect helps to deliver clean air to your room using Health mode, with built-in LED UV lights that kill airborne Staphylococcus aureus bacteria and the H3N2 virus at more than 91% effectiveness under specific test conditions.**



Antibacterial technology

An internal coating of silver nanoparticles can inhibit bacterial growth on the surfaces of the indoor unit.

Cleaner indoor air

The Self-Clean function rapidly removes unwanted dirt, mould, and dust. Self-Clean technology helps ensure clean airflow from your heat pump.

Self-Clean on outdoor unit

In addition to the self-cleaning technology within the indoor unit, Quartz Plus has a Self-Clean function for the outdoor unit, helping avoid corrosion. By activating freeze-and-defrost Cold Expansion technology, which loosens, then flushes, salt and dirt away from the outdoor coil, you keep your outdoor unit cleaner, effortlessly.

*Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2023, based on research completed by February 2024. Connected air conditioner is defined as air conditioners with connectivity capability to communicate with other appliances and/or other devices and/or consumers.

**Independent testing has found 91.47% elimination of the H3N2 virus in a 30m² closed room and 92.78% of Staphylococcus aureus bacteria in a 10m² closed room, for two hours on Health mode at the highest fan speed.

Specifications

Indoor units

Model AS25QCFHRA (2.5kW)
 Model AS35QCFHRA (3.5kW)
 Model AS50QDFHRA (5.0kW)
 Model AS60QEEHRA (6.0kW)
 Model AS71QEFHRA (7.1kW)



Model AS80QFFHRA (8.0kW)



Outdoor units

Model 1U25MAFFRA (2.5kW)
 Model 1U35MAFFRA (3.5kW)



Model 1U50WAFFRA (5.0kW)
 Model 1U60KAFFRA (6.0kW)
 Model 1U71WAFFRA (7.1kW)



Model 1U80QAFFRA (8.0kW)



Controller

Model YR-HJ



- Back-lit, easy to read screen
- Simple button design
- Precise temperature control

Model	Set	AS25QCFHRA-SET	AS35QCFHRA-SET	AS50QDFHRA-SET	AS60QEEHRA-SET	AS71QEFHRA-SET	AS80QFFHRA-SET
	Indoor	AS25QCFHRA	AS35QCFHRA	AS50QDFHRA	AS60QEEHRA	AS71QEFHRA	AS80QFFHRA
	Outdoor	1U25MAFFRA	1U35MAFFRA	1U50WAFFRA	1U60KAFFRA	1U71WAFFRA	1U80QAFFRA
Capacity (kW) Rated (min-max)	Cooling	2.5 (0.9-3.2)	3.5 (1.2-4.0)	5.0 (1.4-5.6)	6.0 (1.6-6.7)	7.1 (1.8-7.6)	8.0 (2.2-8.8)
	Heating (H1)	3.2 (0.9-3.8)	3.7 (1.3-4.2)	6.0 (1.5-6.5)	7.0 (1.8-7.5)	8.0 (2.2-8.6)	9.0 (2.6-10.5)
	Heating (H2)	3.4	3.7	5.8	6.2	7.6	8.5
Power input (kW) Rated (min-max)	Cooling	0.49 (0.18-1.05)	0.80 (0.25-1.30)	1.16 (0.36-1.90)	1.49 (0.41-1.95)	1.92 (0.48-2.70)	2.10 (0.55-2.90)
	Heating	0.69 (0.20-1.50)	0.83 (0.26-1.70)	1.48 (0.38-2.50)	1.73 (0.44-2.50)	2.15 (0.50-3.40)	2.29 (0.58-3.65)
EER/AEER		5.10/5.03	4.38/4.33	4.31/4.28	4.03/4.01	3.70/3.68	3.81/3.79
COP/ACOP		4.64/4.59	4.46/4.42	4.05/4.03	4.05/4.13	3.72/3.70	3.93/3.92
Star Rating (Hot/Avg/Cold)	Cooling	7.0/6.0/6.0	5.0/4.5/4.5	4.5/4.0/4.0	4.5/3.0/4.0	4.5/4.0/4.0	3.5/3.5/3.5
	Heating	4.0/3.5/3.0	3.5/3.0/2.5	3.5/3.0/2.5	2.5/4.5/2.0	3.0/2.5/2.0	3.5/3.0/2.0
TCSPF (Hot/Avg/Cold)	Residential	8.606/7.643/7.731	6.620/6.073/6.329	6.080/5.654/5.870	6.369/5.849/6.136	6.065/5.553/5.878	5.367/5.084/5.341
	Commercial	8.812/8.957/13.561	8.076/8.772/11.843	6.741/7.082/7.959	8.349/9.583/15.061	7.548/8.531/11.614	5.749/5.921/6.364
HSPF (Hot/Avg/Cold)	Residential	5.544/5.015/4.570	5.309/4.806/4.292	5.160/4.558/4.053	4.664/4.228/3.712	4.832/4.240/3.723	5.271/4.550/3.873
	Commercial	5.549/5.231/4.833	5.310/5.005/4.559	5.174/4.815/4.366	4.662/4.394/3.961	4.848/4.492/4.037	5.289/4.854/4.258

Electrical

Rated load amps (RLA)	Cooling (Amp)	2.2	3.5	5.1	6.5	8.4	9.5
	Heating (Amp)	3.0	3.7	6.5	7.6	9.4	10.5
MCA max circuit amps (Amp)		7.0	7.5	11.0	13.0	15.0	16.5
Breaker size (Amp)		16	16	16	16	20	25
Suggested cable size (mm)		2.5	2.5	2.5	2.5	2.5	4.0
Power cable connection location		Outdoor					
Power supply (Ph/V/Hz)		1/220-240/50					

Refrigeration

Refrigerant type		R32					
Refrigerant factory charge (kg)		1.00	1.02	1.02	1.30	1.42	1.62
Pipe size	Liquid line mm	6.35 (¼")					
	Suction line mm	9.52 (¾")		12.70 (½")			15.88 (¾")
Pipe length (min-max)		3-15			3-25		
Maximum height difference (m)		10			15		
Pre-charged up to a length (m)		7			10		
Additional refrigerant (grams/meter)		20					

Indoor unit

Model	AS25QCFHRA	AS35QCFHRA	AS50QDFHRA	AS60QEEHRA	AS71QEFHRA	AS80QFFHRA	
External dimension – W/D/H (mm)	307x875x217	307x875x217	320x970x220	345x1106x240	345x1106x240	365x1316x275	
Net weight (kg)	10.0	10.0	11.6	15.5	15.5	21	
Air flow T/H/M/L	240/195/145/105		260/210/165/115	310/265/215/170	345/295/252/210	365/310/270/225	380/335/285/230
Sound pressure level – SPL (H-L)	39-19	40-21	42-25	46-27	46-27	48-30	
Remote	YR-HJ						

Outdoor unit

Model	1U25MAFFRA	1U35MAFFRA	1U50WAFFRA	1U60KAFFRA	1U71WAFFRA	1U80QAFFRA
Net dimension – W/D/H (mm)	553x800x275	553x800x275	705x890x340	642x816x306	705x890x340	815x950x370
Net weight (kg)	30.0	30.0	43.2	37.5	44	52
Compressor type	Rotary					
Sound pressure level (dBA)	51	52	53	54	54	57
Sound power level (dBA)	61	63	65	67	69	70

Outdoor operating temperature range

Outdoor (min-max)	Cooling	-10°C ~ 46°C
Outdoor (min-max)	Heating	-15°C ~ +24°C

Notes: ZERL Zoned Energy Rating Label – residential air conditioning star rating based on GEMS 2019 Determination. Rated Load Amps (RLA) is based on nominal conditions. Use Minimum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1.

Customer Care

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