

# Haier

## 500 Series Wall-Mounted Split System

Heating and cooling for true comfort





## Our Brand

Empowering smarter, happier, and healthier living, Haier leads with smart technologies across a range of home appliances. Haier is the world's number one major appliance brand for smart,<sup>\*</sup> healthy Self-Clean air conditioners,<sup>\*\*</sup> and a global leader in major appliances for 16 years.<sup>\*\*\*</sup>



### 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 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.

\*Haier is the number one brand of Wi-Fi with Bluetooth connected air conditioners in the world in terms of retail sales volume in 2024. Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2024, based on research completed by February 2025. Wi-Fi with Bluetooth Connected Air Conditioners are defined as air conditioners that can be controlled by consumers via internet or Bluetooth, through the built-in Wi-Fi+Bluetooth smart modules. Air conditioners only equipped with Wi-Fi-connectivity are excluded.

\*\*Haier is the number one brand of healthy Self-Clean air conditioner in the world in terms of retail sales volume in 2024. Data source: Euromonitor International Ltd., measured in terms of retail sales volume in 2024, based on research completed by February 2025. Healthy Self-Clean Air Conditioners are defined as air conditioners which are capable of processing frosting (freezing) peeling off, defrosting, and discharge sewage, cleaning both the indoor and outdoor heat exchangers, and enabling the health self-cleaning function. Air conditioners equipped with only indoor unit's self-cleaning function are excluded.

\*\*\*For 16 years, Haier has been the world's number one major appliance brand, based on volume sales. Data source: Euromonitor International Ltd; Consumer Appliances 2025ed, % unit share, 2024 volume sales data. Major Appliances category is the sum of dishwashers, home laundry appliances, large cooking appliances, microwaves and refrigeration appliances. Volume sales refers to sales in retail channel, builder merchants and construction channel.

# Key Features

## 500 Series

2.5, 3.5, 5.0, 7.1kW



### Energy-efficient performance

Designed for energy efficiency, the 500 Series meets the requirements for inclusion on the EECA Approved Heat Pump list.

### Continuously clean air

With a push of a button, your air conditioner initiates Self-Clean, reducing dust and bacteria in the air you breathe, and also improves power consumption efficiency by keeping the heat exchanger clean.

### 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.

### 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, the 500 Series is future-focussed.

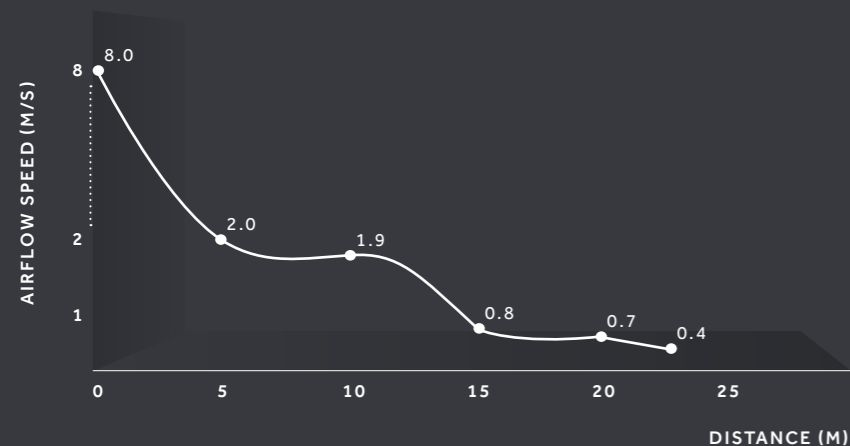
### Intelligent airflow

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.

# 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.

## FAR-REACHING AIRFLOW



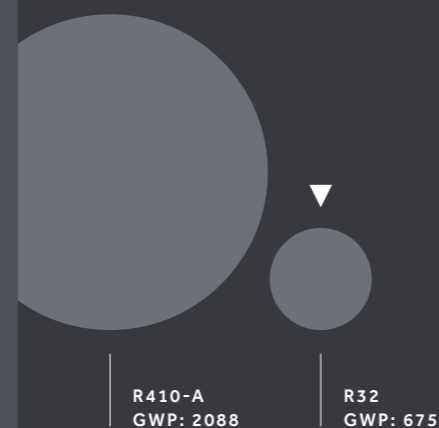
## LOWEST AMBIENT OPERATING RANGE FOR HEATING

 **-15°C**

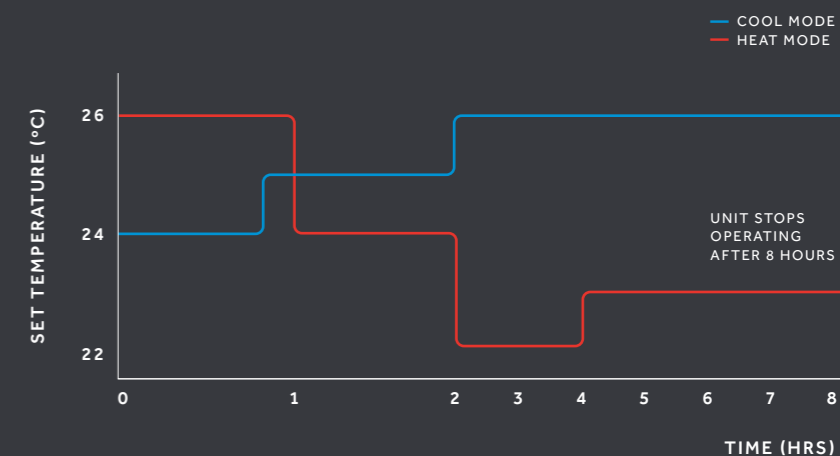
## HIGHEST AMBIENT OPERATING RANGE FOR COOLING

 **46°C**

## GLOBAL WARMING POTENTIAL (GWP)



## SLEEP MODE



### Far-reaching airflow

With innovative fan and motor technology, air from your 500 Series reaches long distances – as much as 20 metres with the 7.1kW model.

### Intelligent Air

Intelligent Air directs cool air upwards and warm air downwards, for better power consumption efficiency whether you're heating or cooling.

### Wide operating temperature

Whether it's blistering hot outside, or freezing cold, your system keeps your home at the perfect temperature, operating from -10°C to 46°C for cooling and -15°C to 24°C for heating.

### R32 refrigerant

R32 – the refrigerant used in your 500 Series 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.\*

### 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.

### Energy saving inverter

By efficiently controlling the compressor speed, rather than turning the product on and off which uses more energy, our inverter can save energy compared to non-inverter type air conditioners.

### Coanda Plus

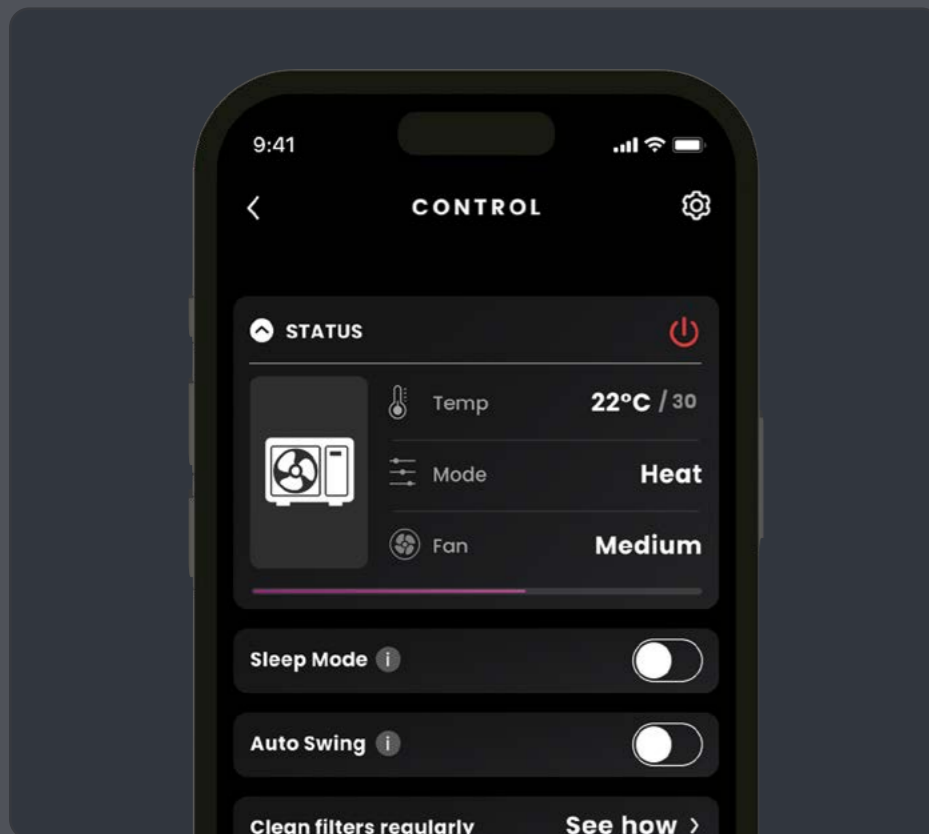
In our 2.5-7.1kW models, Coanda Plus Airflow utilises technology from aircraft design, so that air flows further and faster to every corner of the room, giving you a more even and comfortable space.

### Turbo cooling

The Turbo program boosts the fan to work at a higher speed, cooling your 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 air conditioner from anywhere.

### Intuitive hands-free control

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

### Control and monitor

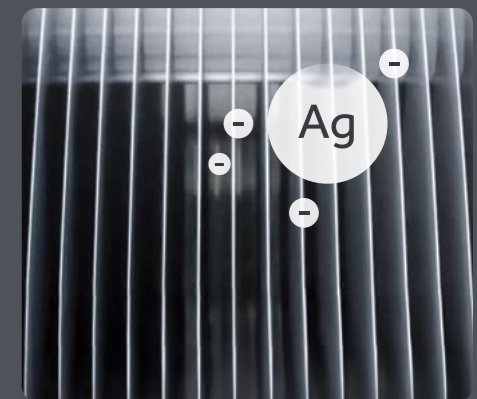
Control temperature, operating mode and fan speed, all from your SmartHQ™ app. Check if you remembered to turn the air conditioner off, or set up a schedule to heat or cool your room to the perfect temperature.

### 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.

## Healthy Air

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



### 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 freezes and defrosts the coil to remove unwanted dirt, mould, and dust. Self-Clean technology helps ensure clean airflow from your air conditioner.

### Self-Clean on outdoor unit

In addition to the self-cleaning technology within the indoor unit, 500 Series 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.

# Specifications

## Indoor units

Model AS25PFHRA (2.5kW)  
 Model AS35PFHRA (3.5kW)  
 Model AS50PFHRA (5.0kW)  
 Model AS71PFHRA (7.1kW)



## Outdoor units

Model 1U25PFHRA (2.5kW)  
 Model 1U35PFHRA (3.5kW)



Model 1U50PFHRA (5.0kW)  
 Model 1U71PFHRA (7.1kW)



## Controller

17175JL



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

	Set	AS25PFHRA-SET	AS35PFHRA-SET	AS50PFHRA-SET	AS71PFHRA-SET
Model	Indoor	AS25PFHRA	AS35PFHRA	AS50PFHRA	AS71PFHRA
	Outdoor	1U25PFHRA	1U35PFHRA	1U50PFHRA	1U71PFHRA
ZERL star rating	Cooling (Hot/Avg/Cold)	5.5/5.0/5.0	5.0/4.5/4.5	4.5/4.0/4.0	3.5/3.5/3.0
	Heating (Hot/Avg/Cold)	3.0/3.0/2.5	3.5/3.0/2.5	3.5/3.0/2.0	3.5/2.0/3.5
Capacity rated (kW) (min-max)	Cooling	2.5 (0.8-3.0)	3.5 (1.0-3.9)	5.0 (1.4-5.3)	7.1 (1.8-7.6)
	Heating	3.2 (0.9-3.4)	3.7 (1.2-4.1)	5.3 (1.5-5.5)	8.0 (2.2-8.6)
Power input (kW) rated (in-max)	Cooling	0.53 (0.20-1.44)	0.94 (0.30-1.58)	1.30 (0.36-1.90)	1.92 (0.48-2.70)
	Heating	0.74 (0.20-1.58)	0.87 (0.30-1.74)	1.26 (0.38-2.50)	2.15 (0.50-3.40)
EER/AEER		4.72 / 4.66	3.74 / 3.72	3.85 / 3.82	3.70 / 3.68
COP/ACOP		4.32 / 4.29	4.25 / 4.22	4.21 / 4.18	3.72 / 3.71

### Electrical

Rated load amps (Amp)	Cooling	2.3	4.1	5.8	8.5
	Heating	3.3	3.8	5.6	9.5
MCA max circuit amps (Amp)		6.0	6.6	9.0	15.0
Minimum Circuit Breaker (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)		0.78	0.66	0.90	1.42
Pipe size	Liquid Line mm (inch)	6.35 (¼)	6.35 (¼)	6.35 (¼)	6.35 (¼)
	Suction Line mm (inch)	9.52 (¾)	9.52 (¾)	12.70 (½)	12.70 (½)
Pipe length (min-max)		3-15	3-15	3-25	3-25
Maximum height difference (m)		10	10	15	15
Precharged up to a length (m)		7	7	10	10
Additional refrigerant (grams/meter)		20	20	20	20

### Indoor unit

Model		AS25PFHRA	AS35PFHRA	AS50PFHRA	AS71PFHRA
Net dimension	W/D/H (mm)	805*200*292	875*217*307	975*220*318	1105*240*345
Net weight (kg)		8.5	10.0	11.7	15.5
Airflow T/H/M/L Cooling (L/S)		195/175/150	230/205/170	265/215/170	310/270/225
Sound pressure level - SPL (dBA) (High/Medium/Low/quiet)		38/34/30/24	40/36/32/25	43/39/37/28	48/44/38/33
Remote		HE			

### Outdoor unit

Model		1U25PFHRA	1U35PFHRA	1U50PFHRA	1U71PFHRA
External dimension	W/D/H (mm)	753*275*549	753*275*549	820*306*642	890*340*705
Net weight (kg)		25.0	23.7	33.3	44
Compressor type		Rotary	Rotary	Rotary	Rotary
Sound pressure level - SPL (dBA)		48	49	53	57
Sound power level - SWL (dBA)		60	61	63	69

### Operating temperature range

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

Notes: The circuit breaker must comply with local/national wiring regulations and be appropriate for the conductors used and their method of installation. ZERL Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination. Test conditions are based on AS/NZS3823.1.1.

## Customer Care

Visit the website for more information  
New Zealand: [haierhome.co.nz](http://haierhome.co.nz)

Customer support and service booking  
New Zealand: [support.haier.co.nz/s/book-a-service](http://support.haier.co.nz/s/book-a-service)



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# Haier