

# Haier

# Pinnacle Wall-Mounted Split System

Heating and cooling with air purification 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 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 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., 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.

# 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.

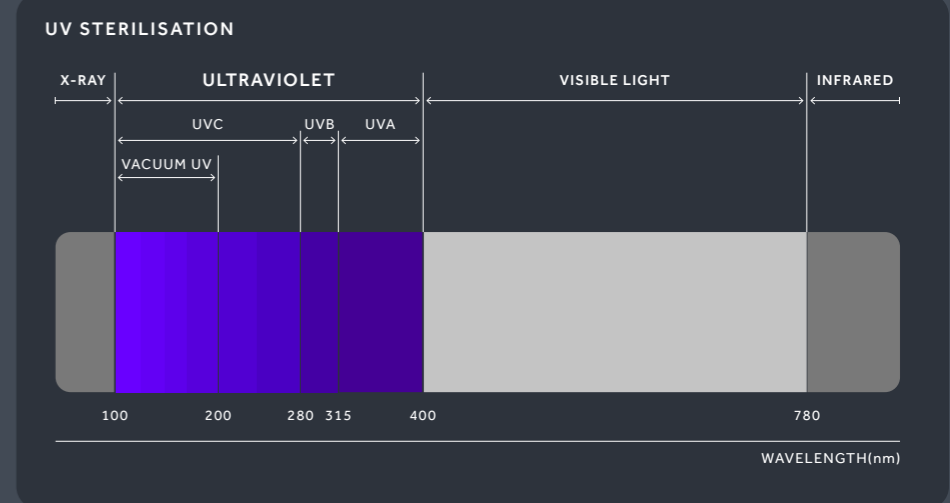
# Healthy Air

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.\*



## 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.

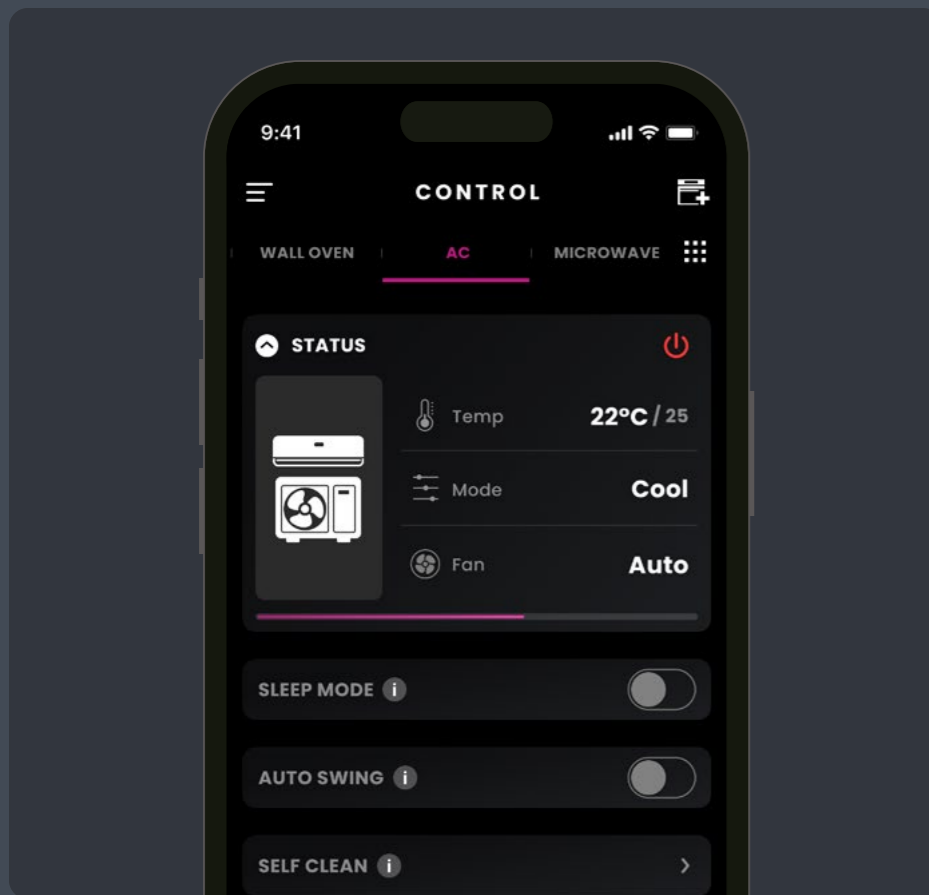
## Antibacterial technology

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 30m<sup>2</sup> closed room and 92.78% of Staphylococcus aureus bacteria in a 10m<sup>3</sup> 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

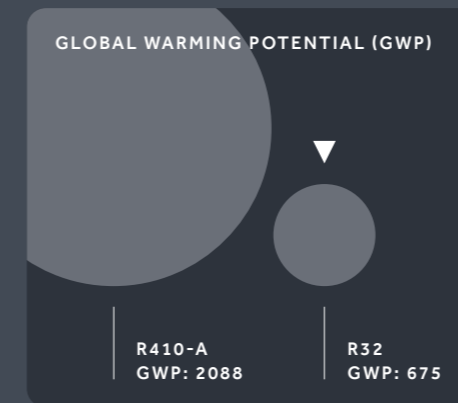
With Haier and Fisher & Paykel appliances able to be connected to the SmartHQ™ app, you can check in and manage all your other connected appliances, as well as control your heat pump.

\* 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

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.

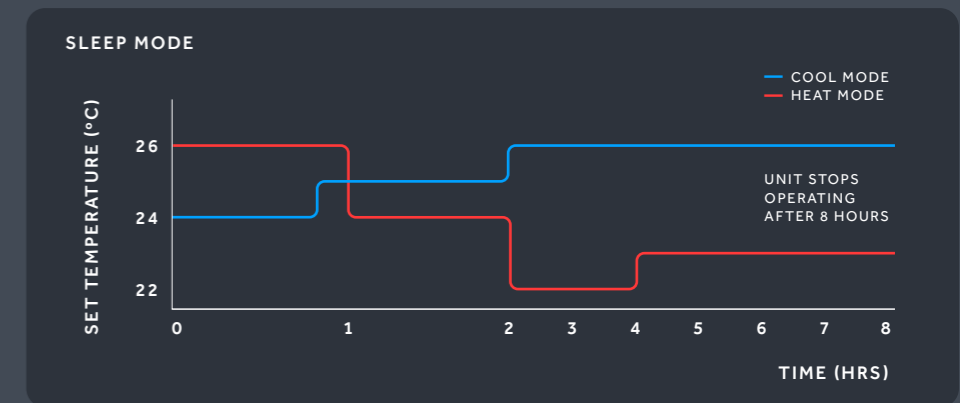


### R32 refrigerant

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.

\* International Journal of Refrigeration Volume 36, Issue 3, May 2013, Pages 892-903.

# 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)	7.5 (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		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 heat pump 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.

## 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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