

# Haier

## Quartz Wall-Mounted Split System

Our most efficient heat pump with a premium, sleek design.



# Key Features

## Quartz

2.5, 3.5, 5.0, 6.0, 7.1, 9.0kW



### Ten-Star Energy Rating\*

Haier's most efficient wall-mounted heat pump, the Quartz 2.5kW model, receives a 10-star energy rating for cooling in the hot climate zone.

### 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.

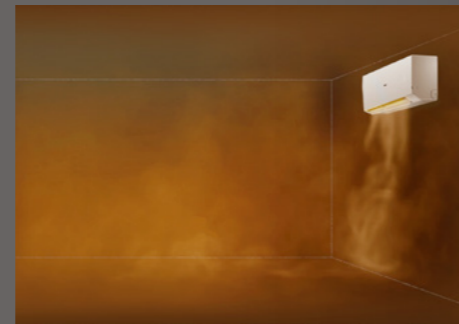
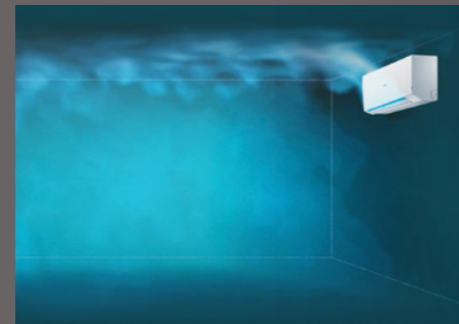
### Intelligent Airflow

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.

\* IU25MAEFRA/AS25QCEHRA rating published by energyrating.gov.au As tested to government regulations, actual usage may vary.  
 \*\* 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 Efficiency

Our most energy efficient wall-mounted split system.\* 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.

### 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.

### 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.

### Turbo Cooling

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

### 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.



## 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 conditioning.

## 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.



### 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.\*\*

### 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, Quartz 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, 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.

\*\* Independent testing has found 91.47% elimination of the H3N2 virus in a 30m<sup>3</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.

# Specifications

## Indoor Units

Model AS25QCEHRA (2.5kW)  
 Model AS35QCEHRA (3.5kW)  
 Model AS50QDEHRA (5.0kW)  
 Model AS60QEEHRA (6.0kW)  
 Model AS71QEEHRA (7.1kW)



Model AS90QFDHRA (9.0kW)



## Outdoor Units

Model 1U25MAEFRA (2.5kW)  
 Model 1U35MACFRA (3.5kW)



Model 1U50WAEFRA (5.0kW)  
 Model 1U60WAEFRA (6.0kW)  
 Model 1U71WAEFRA (7.1kW)



Model 1U90QADFRA (9.0kW)



## Controller

Model YR-HJ



- Back-lit, easy to read screen
- Simple button design
- Precise temperature control
- Clearer messaging with HEAT and COOL displayed in words on the remote buttons.

Set	AS25QCEHRA-SET	AS35QCEHRA-SET	AS50QDEHRA-SET	AS60QEEHRA-SET	AS71QEEHRA-SET	AS90QFDHRA-SET	
<b>Model</b>	<b>Indoor</b> AS25QCEHRA	AS35QCEHRA	AS50QDEHRA	AS60QEEHRA	AS71QEEHRA	AS90QFDHRA	
	<b>Outdoor</b> 1U25MAEFRA	1U35MACFRA	1U50WAEFRA	1U60KAEFRA	1U71WAEFRA	1U90QADFRA	
<b>Capacity (kW) Rated (Min~Max)</b>	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)	9.0 (2.6~9.8)
	Heating (H1)	3.2 (0.9~3.6)	3.7 (1.3~4.2)	6.0 (1.5~6.5)	7.0 (1.8~7.5)	8.0 (2.2~8.6)	9.5 (3.0~11.0)
	Heating (H2)	2.9	3.1	4.6	6.2	6.65	7.3
<b>Power input (kW) Rated (Min~Max)</b>	Cooling	0.52 (0.18~1.05)	0.83 (0.25~1.30)	1.24 (0.36~1.90)	1.49 (0.41~1.95)	2.02 (0.48~2.70)	2.65 (0.67~3.30)
	Heating	0.70 (0.20~1.50)	0.86 (0.26~1.70)	1.48 (0.38~2.50)	1.73 (0.44~2.50)	2.28 (0.50~3.30)	2.66 (0.69~3.70)
<b>EER/ AEER</b>		4.81 / 4.73	4.22 / 4.17	4.03 / 4.00	4.03 / 4.01	3.51 / 3.49	3.40/3.37
<b>COP / ACOP</b>		4.57 / 4.52	4.30 / 4.26	4.05 / 4.02	4.05 / 4.13	3.51 / 3.49	3.57/3.54
<b>Star Rating (Hot/Average/Cold)</b>	Cooling	10.0 / 7.0 / 7.5	8.5 / 6.0 / 7.0	6.0 / 5.0 / 5.5	4.5 / 4.0 / 4.5	5.5 / 4.5 / 5.0	4.5/3.5/4.0
	Heating	3.0 / 3.0 / 2.5	3.5 / 3.0 / 2.0	3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.5 / 2.0	2.5/2.0/1.5
<b>TCSPF (Hot/Avg/Cold)</b>	Residential	12.196/8.799/9.388	10.253/7.910/8.612	7.934/6.834/7.373	6.369/5.849/6.136	7.036/6.138/6.646	6.078/5.394/5.746
<b>HSPF (Hot/Avg/Cold)</b>	Residential	4.913/4.543/4.042	5.004/4.542/3.968	5.067/4.302/3.670	4.664/4.228/3.712	4.935/4.242/3.635	4.481/3.908/3.392

<b>Electrical</b>							
<b>Rated Load Amps (RLA)</b>	Cooling (Amp)	2.3	3.7	5.5	6.5	8.8	11.8
	Heating (Amp)	3.1	3.8	6.5	7.6	10.0	12.0
<b>MCA Max Circuit Amps (Amp)</b>		7.0	7.5	11.0	13	17.0	16.0
<b>Breaker Size (Amp)</b>		10	10	16	16	20	20
<b>Power cable connection location</b>		Outdoor					
<b>Power supply (Ph/V/Hz)</b>		1/220-240/50					

<b>Refrigeration</b>							
<b>Refrigerant Type</b>		R32					
<b>Refrigerant Factory Charge (kg)</b>		1.00	1.02	1.02	1.30	1.42	1.55
<b>Pipe Size</b>	Liquid Line mm	6.35 (¼")					
	Suction Line mm	9.52 (¾")		12.70 (½")			15.88 (¾")
<b>Pipe Length (Min~Max)</b>		3~15			3~25		
<b>Maximum Height Difference (m)</b>		10			15		
<b>Pre-charged up to a Length (m)</b>		7			10		
<b>Additional Refrigerant (grams/meter)</b>		20					

<b>Indoor Unit</b>							
<b>Model</b>		AS25QCEHRA	AS35QCEHRA	AS50QDEHRA	AS60QEEHRA	AS71QEEHRA	AS90QFDHRA
<b>External dimension – W/D/H (mm)</b>		875x217x307	875x217x307	970x220x320	1106x240x345	1106x240x345	1316x275x365
<b>Net weight (kg)</b>		10.0	10.0	11.6	15.5	15.5	21.5
<b>Air Flow T/H/M/L</b>	Cooling (L/S)	240/195/145/105	260/210/165/115	310/265/215/170	345/295/252/210	365/310/270/225	380/330/285/230
	Sound Pressure Level – SPL (dBA)	40/36/32/21	40/36/32/22	47/43/37/33	48/44/38/33	48/44/38/33	48/42/36/30
<b>Remote</b>		YR-HJ					

<b>Outdoor Unit</b>							
<b>Model</b>		1U25MAEFRA	1U35MACFRA	1U50WAEFRA	1U60KAEFRA	1U71WAEFRA	1U90QADFRA
<b>Net dimension – W/D/H (mm)</b>		800x275x553	800x275x553	890x340x705	816x306x642	890x340x705	950x370x815
<b>Net weight (kg)</b>		30.0	30.0	43.2	37.5	44	51
<b>Compressor Type</b>		Rotary					
<b>Sound Pressure Level (dBA)</b>		51	52	53	54	54	56
<b>Sound Power Level (dBA)</b>		61	63	66	67	68	69

<b>Outdoor Operating Temperature Range</b>			
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.



## 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\*.

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**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.

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## Customer Care

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

Customer support and service booking  
New Zealand: 0800 424 372



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# Haier