

Haier



Split System Air Conditioners



SEELEY
INTERNATIONAL 

Proudly distributed throughout Australia
by Seeley International Pty Ltd

SMARTER LIFE

BETTER PLANET



The Haier Group

Haier has grown rapidly to become the world's largest whitegoods manufacturer (Euromonitor 2009). With more than 60,000 employees worldwide and 240 subsidiary companies, the Haier group is a world leader in appliance manufacturing. It has a diverse portfolio of products ranging from mobile phones and televisions to washing machines and refrigerators.

The Haier Air Conditioning Division's focus on exciting innovations, energy efficiency and a commitment to quality was rewarded when the company succeeded in its bid to provide air conditioning equipment to the 2008 Beijing Olympics.

In less than 10 years, Haier has grown to be one of the leading air conditioning brands in the USA, where its efficiency, reliability and innovative technology have made it overwhelmingly popular.

Now, Haier wishes to do the same in Australia.

Haier and Seeley International

Haier has joined with Seeley International to supply premium Haier air conditioning products into the very demanding, but very receptive, Australian market place. Already, this is proving to be a real "breath of fresh air"! Seeley International is known for its existing iconic products (including such well-known brands as Breezair, Braemar, Coolair and Convair), as well as its latest innovation revolution in cooling, Climate Wizard. Haier joined forces with Seeley International as its Australian distributor because of our expertise in distribution, sales support and after sales service.

Bringing Haier's outstanding product range together with Australia's largest manufacturing distributor of comfort products is altogether unique - and is delivering great value to our customers.

Comfort Choices

DC Inverter	2 - 3
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DC INVERTER



DC Inverter Technology

An "inverter" is a power conversion circuit that electronically regulates the voltage, current and frequency of products such as air conditioners. This circuit controls the compressor and, therefore, the air conditioner's output. Raising the frequency increases the output, while lowering the frequency reduces it. In this way, inverter air conditioners provide much finer temperature control than conventional models can.

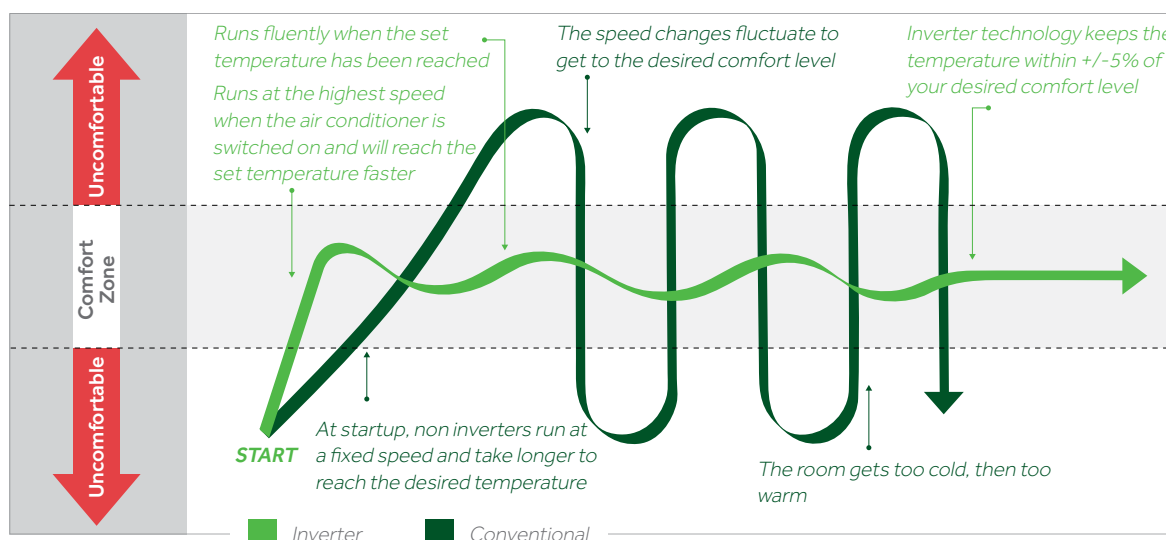
Haier inverters provide a range of benefits over conventional start/stop systems. These include:

- Significantly lower running costs compared with conventional systems
- Quickly and efficiently adjusts the room temperature to your set comfort zone
- Elimination of temperature fluctuations associated with traditional start/stop systems
- Greatly reduced system noise both inside and outside the home

Inverter and Conventional Comparison

Apart from its significantly reduced running costs, inverter technology has two distinct comfort advantages over conventional air conditioners:

1. Whether cooling or heating, it will reach the selected "Comfort Zone" more quickly as shown in the graph below.
2. It can then maintain operating temperatures within the "Comfort Zone" at all times, which conventional air conditioners are unable to do – also as seen in the graph below.





High efficiency compressor

Haier twin rotary compressors feature powerful neodymium magnets which are 10 times more powerful than conventional magnets. The result is:

- Higher energy efficiencies than conventional compressors
- Wider operating ranges
- Less vibration, resulting in quieter operation

Conventional magnet



Neodymium magnet

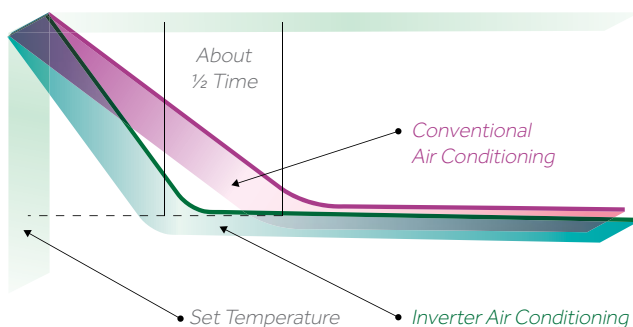


Greater comfort

When an inverter air conditioner is switched on, it supplies the exact power needed to heat or cool the room rapidly. This enables the air conditioner to reach the set temperature in around half the time required by conventional models.

Air conditioning noise levels inside and outside the home are dramatically reduced by Haier inverter systems because they always seek the lowest operating level, while providing the maximum heating or cooling effect.

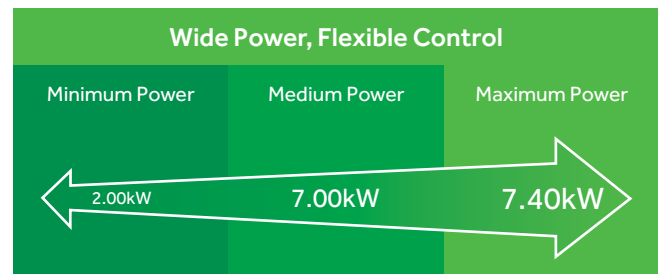
Quick comfort



Greater energy savings

Inverter systems deliver substantial energy savings compared with conventional start/stop systems, under normal operating conditions. By optimising energy consumption, not only will energy be saved, but CO₂ emissions will also be reduced.

Flexible power control & Energy saving



The graph shows the HSU-24HEG03/R2(DB) wide power output range during cooling

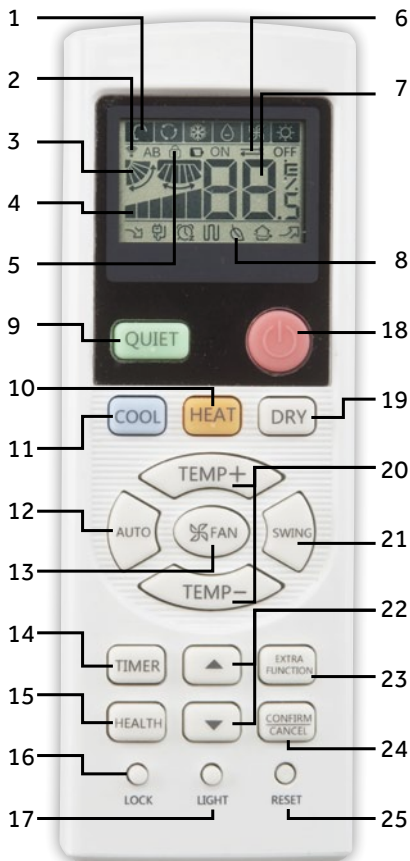
Why choose Haier?

- Made by a large global manufacturer – you can feel confident that your air conditioner will perform and is reliable
- DC Inverter technology – it provides more precise temperature control, but uses less energy
- R410A refrigerant – better for the environment
- Compact design
- Filter – Impurities are removed from the air before it is conditioned and redistributed, for cleaner and healthier air

* Some models only

HEG SERIES - INVERTER






Inverter Controller Display functions



- | | |
|--|--|
| <p>1. Mode display
Operation modes (left to right):
Auto Cool Dry Heat Fan</p> <p>2. Signal sending display</p> <p>3. SWING display</p> <p>4. FAN SPEED display
LO - MED - HI - AUTO</p> <p>5. LOCK display</p> <p>6. TIMER display
ON OFF</p> <p>7. TEMPERATURE display</p> <p>8. Additional functions display
QUIET SLEEP HEALTH POWER</p> <p>9. QUIET button</p> <p>10. HEAT button</p> <p>11. COOL button</p> <p>12. AUTO button</p> <p>13. FAN SPEED button</p> <p>14. TIMER button</p> <p>15. HEALTH button*</p> <p>16. LOCK button</p> <p>17. LIGHT button
Turn the indoor LED display board on/off</p> | <p>18. POWER ON/OFF button</p> <p>19. DRY button</p> <p>20. TEMP button</p> <p>21. SWING button</p> <p>22. HOUR button</p> <p>23. EXTRA FUNCTION button
Functions:
• FAN only mode
• Upper airflow position
• Lower airflow position
• Restore original louver position
• Right/Left airflow (not used)
• A-B remote selection
• Heating mode
• SLEEP mode
• Electrical element heating (not used)
• Refresh air (not used)
• POWER operation
• Fahrenheit/Celsius display</p> <p>24. CANCEL/CONFIRM button
Function: Set and cancel the timer and other functions</p> <p>25. RESET button
Use a sharp pointed object to press this button to reset the remote</p> |
|--|--|

* Not available in HEG series

Features

- 
4 Fan setting
 Select the fan speed LO, MED, HI, AUTO
- 
Anti-mould filter
 Catches most small particles and removes unpleasant odours effectively
- 
Sleep mode
 The setting temperature and the indoor noise can be adjusted to a more comfortable level when you set the "sleep mode" during night sleep
- 
24 Hour timer
 Use the timer function to set on, or off, or from on to off, or from off to on
- 
Auto restart
 The function permits automatic return to previous operation conditions
- 
Easy clean design
 The panel is easy to wash and the airflow vents can be detached without any special tools for quick cleaning of the inside of the air conditioner
- 
Child lock
- 
Intelligent air
 With twin-blade technology, the direction of the airflow can be adjusted
- 
Power mode
 Quick cooling or heating
- 
Quiet mode
 Lower noise operation

System Model Number	HSU-09HEG03/R2(DB)	HSU-12HEG03/R2(DB)	HSU-18HEG03/R2(DB)	HSU-24HEG03/R2(DB)
Seeley Model Number (Indoor/Outdoor)	H1702/H2302	H1712/H2312	H1722/H2322	H1732/H2332
Performance¹				
Rated Cooling Capacity (kW)	2.6 (1.3-3.4)	3.5 (1.4-3.9)	5.0 (1.5 - 5.7)	7.0 (2.0 - 7.4)
Rated Heating Capacity (kW)	2.9 (1.4-3.8)	3.7 (1.5-4.1)	5.4 (1.6 - 6.0)	7.5 (2.5 - 7.7)
Cooling EER (W/W)	3.88	3.80	3.38	3.30
Heating COP (W/W)	3.92	3.85	3.86	3.36
Power Input¹				
Cooling (kW)	0.67 (0.32-1.08)	0.92 (0.35-1.35)	1.48 (0.39 - 2.0)	2.12 (0.54 - 2.66)
Heating (kW)	0.74 (0.33-1.18)	0.96 (0.37-1.35)	1.4 (0.4 - 2.4)	2.23 (0.64 - 2.77)
Indoor Sound Level²				
Sound Pressure Level L/M/H (dB(A))	30/36/39	34/39/42	39/43/47	41/44/47
Outdoor Sound Level²				
Sound Power Level (dB(A))	53	53	54	59
Air Circulation³				
Nominal Airflow L/M/H (m ³ /min) Cool	8.3/6.6/5.0	10.7/8.3/6.0	15/12/9.17	18.3/15/11.7
Nominal Airflow L/M/H (m ³ /min) Heat	8.7/7.2/5.6	11.1/8.6/6.4	15.8/12.8/9.97	18.5/15.6/12.7
Moisture Removal (L/hr)	1.20	1.60	2.40	3.00
Electrical Data				
Power Supply (V/Ph/Hz)	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Running Current (Cool/Heat (A))	3.8/4.2	4.1/4.3	6.5/6.2	9.7/10.2
Start Current (Cool/Heat (A))	5.0/5.0	5.0/5.0	8.0/8.0	8.0/8.0
Maximum Current (Cool/Heat (A))	6.4/6.4	6.0/6.0	8.8/10.5	13.3/13.8
Refrigeration Circuit				
Max Line Length (m)	15.0	15.0	25.0	25.0
Max Line Lift (m)	10.0	10.0	15.0	15.0
Pre-Charged Line Length (m)	7.0	7.0	7.0	7.0
Base Charge (g)	1000	1080	1550	2100
Extra g/m over Pre-charge Length	20.0	20.0	20.0	50.0
Refrigerant Type	R410A	R410A	R410A	R410A
Liquid Line Size (mm)	6.35	6.35	6.35	9.52
Vapour Line Size (mm)	9.52	9.52	12.70	15.88
Compressor Type	Inverter DC Rotary	Inverter DC Rotary	Inverter DC Rotary	Inverter DC Rotary
Dimensions				
Indoor (W x H x D) - (mm)	795/265/187	938/265/187	1046/299/234	1147/320/261
Outdoor (W x H x D) - (mm)	780/540/245	780/640/245	810/688/288	860/730/308
Weight				
Indoor - Unit/Packaged (kg)	8.8/11.3	10.5/12.5	13/16.5	16.5/19.5
Outdoor - Unit/Packaged (kg)	32.2/35	35.5/38.5	43/45.5	50.5/54
Additional Features				
Remote Control Model	YR-HD01	YR-HD01	YR-HD01	YR-HD01
Child Lock	Y	Y	Y	Y
24 Hour Timer	Y	Y	Y	Y
Easy Clean Design	Y	Y	Y	Y
Intelligent Air	Y	Y	Y	Y
Anti-mould Filter	Y	Y	Y	Y
Photocatalyst Filter	Y	Y	Y	Y
Active Carbon Filter	Y	Y	Y	Y
Sleep Mode	Y	Y	Y	Y
4 Fan Settings	Y	Y	Y	Y
Power Mode	Y	Y	Y	Y
Quiet Mode	Y	Y	Y	Y
Manual left-right louvers	Y	Y	Y	Y
Auto Restart after Power Fail	Y	Y	Y	Y
Warranty Period	5 Year	5 Year	5 Year	5 Year
Operating Limits				
Cooling - Indoor (DB/WB)	16°C/32°C	16°C/32°C	16°C/32°C	16°C/32°C
Cooling - Outdoor (DB/WB)	18°C/46°C	18°C/46°C	18°C/47°C	18°C/47°C
Heating - Indoor (DB/WB)	10°C/30°C	10°C/30°C	10°C/30°C	10°C/30°C
Heating - Outdoor (DB/WB)	-7°C/24°C	-7°C/24°C	-7°C/24°C	-7°C/24°C

1. Rated Performance Conditions in accordance with AS/NZS 3823.1.1. T1 and H1 as follows: Cooling (DB/WB) Indoor 27°C DB/19°C WB Outdoor 35°C DB/24°C WB Heating (DB/WB): Indoor 20°C DB/15°C WB Outdoor 7°C DB/6°C WB 2. Sound pressure and power levels measured at 1m from unit, supplied as indicative figures only. 3. Airflow for units is measured at free air discharge.

Haier



SEELEY INTERNATIONAL

Seeley International is Australia's largest air conditioning manufacturer and a global leader in developing ingenious, energy-efficient cooling and heating products.

Our vision is to lead the world in creating climate control solutions which continue to be highly innovative, of premium quality and inspirational in their delivery of energy efficiency.

But it's more than just a vision... it's a way of life!

A commitment to innovation and excellence is at the heart of all that we do. Our success in delivering on that commitment has been recognised by our many awards and our expanding global presence... Seeley International now exports to more than 100 countries. Not bad for a company that started out in 1972 in the garage of its founder and Chairman, Frank Seeley AM, who was named South Australian of the Year for 2011!



All sales enquiries 1300 008 825

Warranty conditions are subject to property access and industry Safety Standards. Full terms and conditions applicable to Haier installation available on request from dealer. Seeley International strives for continuous product improvements, therefore specifications are subject to change without notice. Installation and commissioning system to manufacturer's specifications - compliance with industry standards and state regulatory codes are the responsibility of the installer.

Information in this brochure was correct at the time of preparation.
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* Haier products distributed in Australia and New Zealand by Seeley International.

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