

HIWELL HAD

DC INVERTER
WALL MOUNTED RANGE

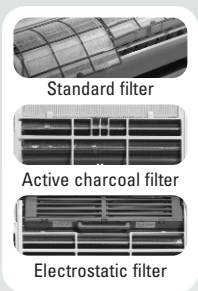
Airwell



Airwell

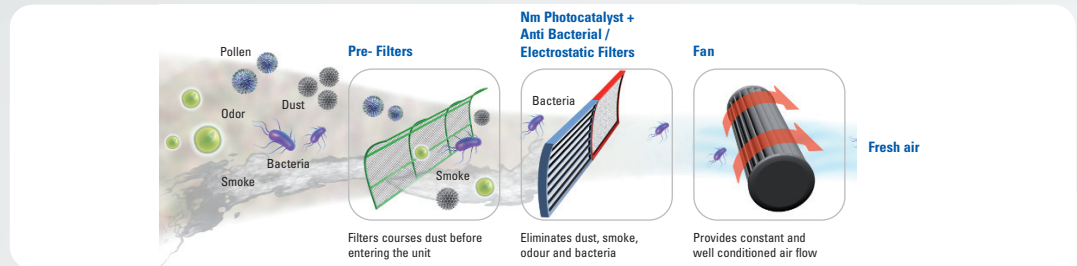


CLEAN AIR FOR YOUR HEALTH



This range has an exceptional air treatment capability (guaranteed by 3 levels of filtering) ensuring optimum comfort to the occupants.

- **Standard filters or pre-filters:** trap the largest particles (dust or other impurities). The filters can be regenerated.
- **Active charcoal filter:** specially developed to neutralise odour generating particles (tobacco, kitchen odours, etc.).
- **Electrostatic filter:** this filter absorbs particles such as dust, pollen, mites, bacteria, smoke and tobacco, thus ensuring air quality above reproach.



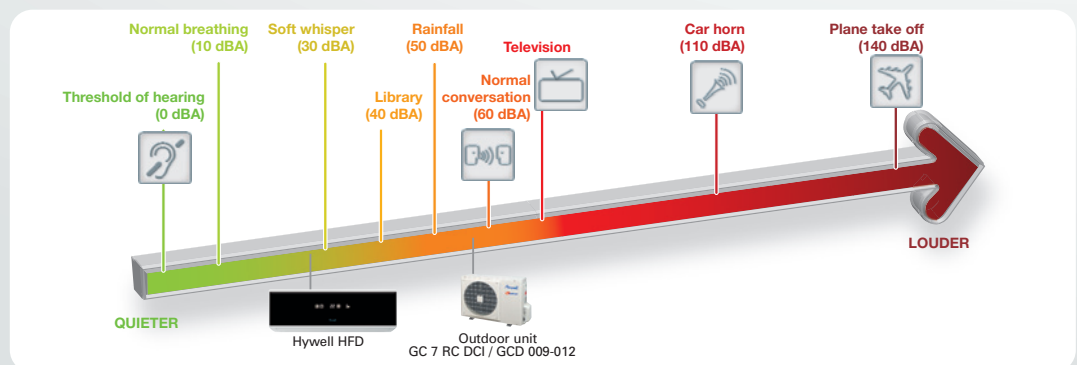
MOTORISED FLAP

Automatic swing of supply air in vertical direction. The flap moves automatically in upward and downward direction to spread the conditioned air evenly throughout the room.

CROSS FLOW FAN

Cross flow fans employ a specifically designed blade to create parallel air movement that reaches even distant objects in a wide, uniform pattern. These fans provide right-angle air-flow and rectangular shape, allowing for installation in corners and space savings in applications such as circuit board cooling and air curtains. In addition, with its adjustable fan speed controller, it allows to have a control of performance and silence.

DECIBEL LEVEL OF DAILY NOISES



INFRARED REMOTE CONTROL

Small-size and with excellent ergonomic properties, the Airwell infrared remote control is highly user friendly. It can be used to program advanced multiple functions such as choosing between 3 ventilation speeds, night-time slow running, programming, dehumidification, energy saving function and "I feel" function, and many others. By only pressing a button you can select the temperature to be obtained and controlled with a high degree of precision.

HAD HIWELL

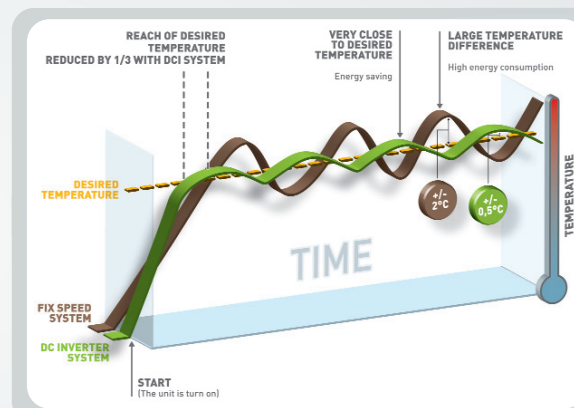
WALL MOUNTED RANGE

DCI OUTDOOR UNIT

The HIWELL HAD units are combined with GCD/GC DCI (7, 9 and 12) outdoor units. A rotary compressor enable the outdoor unit to be highly efficient and ensure reduced noise level. These units are made with heat-stable polyester material structure ensuring an optimum noise level, weight and service life.

THE DC INVERTER TECHNOLOGY

Unlike a basic fix speed system, which starts and stops repetitively, the inverter system varies the compressor speed, to acheive the desired temperature, thereby reducing power consumption for extra energy savings.

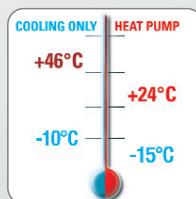


Key benefits of DCI system:

- 30 % energy saving.
- Quicker to achieve desired temperature.
- Quieter
- Constant temperature level maintained
- Superior operating performance

LARGE OPERATING RANGE

The HIWELL HAD range offer a large operating range from -10°C to 46°C outdoor temperatures for cooling operations to -15°C to 24°C for heating operations.



ENERGY LABEL

The energy label classifies appliances in 7 categories from A (best energy efficiency) to G (lowest energy efficiency) in relation to their energy consumption and includes information such as Brand, Model, Cooling and Heating capacity, Noise level.

The HIWELL HAD range of wall mounted units are graded with an A label, both in cooling and heating mode.



HAD HIWELL

WALL MOUNTED RANGE

DESIGN AND PERFORMANCE AT THEIR HEIGHT



The modern and smart features of this new range of HIWELL HAD, combined with the latest DC inverter technology ensure high performance to create the desired climate and maximum comfort quality. With its luxurious, glossy black panel hiding a LED display, this range is designed to be mounted on walls and to easily blend in any interior décor.

The energy efficiency of HIWELL HAD range are classified as A, meaning lowest power consumption and reduced electricity bill. For an optimum air comfort and quality the units are equipped with three levels of filtration, guaranty a whisper-quiet operation and meet all ecological requirements.

PRODUCT BENEFITS

- Unique and elegant glossy design with a translucent display panel.
- Background display on the front panel showing the operating information (temperature, failure code in technical mode, fan speed etc.).
- High efficiency filtration.
- High COP and Class A energy label.
- Infrared remote control with LED display.
- Self diagnostic LED lighting for ease of maintenance.
- Indoor large diameter cross flow fan, allowing low operation sound level.
- Motorized flaps.
- Bended indoor coil with treated aluminum fins and coating for improved efficiency.
- Cooling operation at outdoor temperature down to 10° C, and heating operation at outdoor temperature down to -15° C.
- Easy access to the interconnecting tubing and wiring connections.
- Refrigerant pipes can be connected to the indoor unit from 5 different optional directions.
- Compatible with DUO TRIO DAKOTA DCI.
- Compatible with Airconet regulation.
- Supplied with RC4 remote control.
- Wall mounted RCW2 remote control (Optional)

DISPLAYING YOUR COMFORT



When switching on the air conditioner, a LED (liquid crystal displays) hidden behind the black panel, lights on and displays for user guidance and indication of the operating status (timer, filter, fan speed...).



R-410A: AN ECO-FRIENDLY FLUID

The HAD HIWELL wall mounted range is available with the ecologically friendly refrigerant R410A. This refrigerant provides high energy efficiency, while preserving the ozone layer, and is easily recyclable. Its high density and high energy efficiency make for high performance coefficients, thereby providing significant energy saving.



AIRCONET CONTROL SYSTEM

This system provides a communication gateway for connecting several HAD indoor units (optional). A simple Internet navigator enable to achieve centralized and remote management of all indoor units, room by room and floor by floor. The No special software installation is required and users are kept informed of any system incident in real time by e-mail or SMS.

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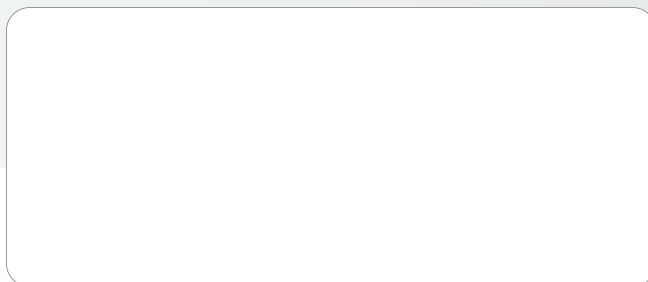
		HAD 007	HAD 009	HAD 012
	Indoor Units	HAD 007	HAD 009	HAD 012
	Outdoor Units	GC7 RC WDI DCI	GCD009	GCD012
Cooling	Capacity	2,2 (1,3-2,7)	2,5 (0,8-3,0)	3,5 (0,9-4,0)
	Power input	0,65	0,78	1,09
	EER/Energy Label	3,4 / A	3,21 / A	3,21 / A
	Operating limits	-10°/ 46° Dry bulb	0°/ 46° Dry bulb	0°/ 46° Dry bulb
Heating	Capacity	2,2 (1,5-3,3)	2,5 (1,0-3,2)	3,5 (1,2-4,2)
	Power input	0,61	0,69	0,97
	COP/Energy Label	3,61 / A	3,61 / A	3,61 / A
	Operating limits	-15°/ 24° Dry bulb	-10°/ 24° Dry bulb	-15°/ 24° Dry bulb
Indoor unit	Sound pressure level 1 mt ¹	27/32/37	29/35/40	28/34/40
	Sound power level	53	54	56
	Airflow ²	97/97	117/117	153/153
	Dehumidification	0,9	1	1,5
	Dimensions (WxDxH)	680x188x250	680x188x250	840x188x250
	Weight	7	7	8
Outdoor unit	Sound pressure level 1 mt	54	55	56
	Sound power level	64	65	66
	Airflow	1400	1390	1390
	Compressor type	Single Rotary DC Inverter	Single Rotary DC Inverter	Single Rotary DC Inverter
	Dimensions (WxDxH)	545x245x760	545x245x760	545x245x760
	Weight	35	31	32
Power supply 1-230V-50Hz	Power supply side	Indoor	Indoor	Indoor
	Power cable section	3x1,5	3x1,5	3x1,5
	Fuse rating	10	10	16
	Electrical connections	4x1,5	4x1,5	4x1,5
	Suction pipe diameter	3/8"	3/8"	3/8"
Pipe line	Liquid pipe diameter	1/4"	1/4"	1/4"
	Max lenght	15	15	20
	Max height	10	10	10

¹Data are relative to Low speed, Medium speed and High speed
²Data are relative to high speed

CM HAD 1 - A.1 MASTER - Specifications subject to change without notice. Non contractual pictures.

Airwell

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