



Conventional air-conditioners without Auto Humid Control



Hitachi Split Air-Conditioners

Hitachi ACE with Auto Humid Control

Despite your air-conditioner being on, do you still sweat?

Air-conditioning is not just about cooling, it's more about comfort. An average human being feels comfortable with the right blend of temperature, air-flow & humidity control. Conventional air-conditioners may provide the requisite temperature & air-flow but fail to control the rising humidity levels alongside. Thereby, with your conventional air-conditioners, you struggle to find the desired comfort level and despair with the rising heat and sweat.

Presenting for the first time ever, an air-conditioner that relieves you from uncomfortable sweat.

Hitachi ACE with Auto Humid Control.



| Tr | Model No. | Star Rating |
|-----|-----------|-------------|
| 1.2 | 14HODZ1 | ★★★★★ |
| 1.5 | 18HOD | ★★★★★ |
| 2.0 | 23HOD | ★★★★☆ |

Hitachi introduces the next generation of air-conditioners, 'ACE'. Apart from delivering the right mix of temperature & air-flow, this split air-conditioner for the first time ever, controls humidity at two different levels.

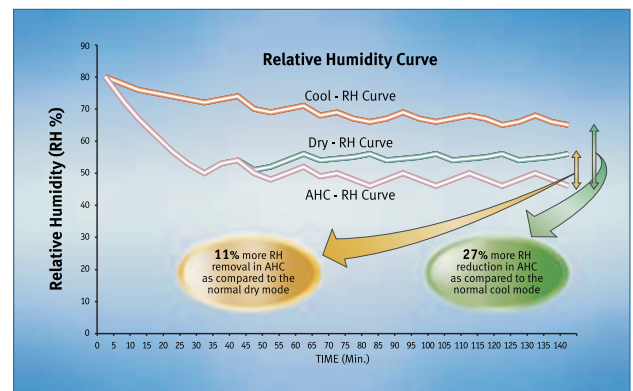
The Dry Mode: During humid conditions, you may use the normal 'Dry Mode' which while removing humidity in the air, also lowers the temperature settings thereby making you feel more cooler.

The new Auto Humid Control Mode (AHC): This mode delivers the desired comfort level which is not available in any other air-conditioner. During very high humid conditions, the AHC not only reduces the humidity to your comfort levels but also optimises the temperature variations, thus ensuring your desired comfort at the press of a button.



Auto Humid Control

Auto Humid Control is an intelligent feature which helps you achieve **27% REDUCTION IN RELATIVE HUMIDITY LEVELS** comfortable room ambient even during **high humid conditions**. In such conditions, if an air-conditioner is operated on a cool mode, it can achieve the desired temperature but will not be able to get the humidity levels lowered to your comfort level. But 'ACE', with its unique next generation Auto Humid Control, not only maintains the temperature settings (near to the user set temperature) but also ensures that the Relative Humidity is further reduced by a **whopping 27%** as compared to the normal cool mode, thus making it ideal for high humid regions or conditions.



Technology Enabled Features of ACE

Auto Climate Technology

Human comfort is a combination of the following factors as depicted on the right. For instance, in Delhi, the month of June, is the peak of summers and temperatures touch close to 44°C with a humidity level of 60%. Whereas in Mumbai, at the same time of the day and month, the temperature is around 35°C with a humidity level of 85%.

| | Temperature | Air Circulation | Humidity |
|---------------------------|-------------|-----------------|----------|
| Time of the Day | ✓ | ✓ | ✓ |
| Individual Metabolic Rate | ✓ | ✓ | ✓ |

In an air-conditioner, you can control these factors by changing the temperature and regulating the fan speed. But this presents you with more than 50 different combinations and choosing the correct option for optimal efficiency and comfort becomes extremely cumbersome.

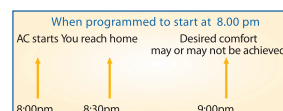
That's why we developed Auto Climate Technology (ACT). ACT is a super-advanced intelligent feature that has temperature and humidity data for over 100 cities fed into it. The air-conditioner recognises which city you are in, the time of day and your individual metabolic needs (to be chosen by you). Based on these factors, it continuously changes the settings of the air-conditioner to provide you the most comfortable environment, while functioning most efficiently, at the touch of a button.

On/Off Timer With Advanced Start-Up

Simple On/Off Timer

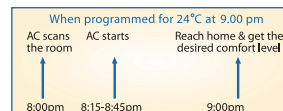
You set the timer to switch on the AC at the specified time. The AC automatically starts at the preset time, and begins to cool the room.

However, when you reach the room, it might be a bit too warm or a bit too cool. Basically, you don't get the desired comfort level. Also, you end up wasting a lot of electricity.



On/Off Timer with Advanced Start-up

You set the temperature that you want at the given time. The AC is smart enough to scan the room an hour before the set time. It calculates the time it'll need to reach the desired temperature, and switches on accordingly. So you get the perfect comfort level as soon as you come back, without wasting any electricity.



Low Noise

The Hitachi ACE air-conditioner is one of the quietest air-conditioner around. A noise level of 34 dBA* at Super Silent Mode makes ACE one of the quietest air-conditioner in the category.



High Capacity Compressor

Does your AC pack up in harsh weather conditions? The tough compressor works harder under extreme climatic conditions. The new Hitachi ACs with high capacity compressors give you the promised cooling even after derating.

Digilock

Is your AC being misused in your absence? If you don't want your AC to be misused, just switch to the Digilock. It locks your AC and prevents misuse in your absence, besides ensuring that your comfort settings aren't affected by tampering or accidental pressing of keys.

Koukin Filter With 'Filter Clean' Indicator

Do you know when to clean the filter? This unique anti-bacterial filter prevents bacterial growth in the air-conditioner thus increasing the efficiency of the air-conditioner. Koukin filter with filter clean indicator not only ensures you get a clean and healthy environment, it also indicates when to clean the filter.

Precoated Fins

Prevents the air-conditioner from rusting or corrosion even in the harshest weather conditions.

5 Fan Speeds

The air-conditioner comes with selectable fan speeds to give you perfect comfort to suit your needs.

Alarm Function

Does your air-conditioned bedroom get too cosy for you to leave the bed every morning? Hitachi air-conditioners come with an inbuilt alarm combined with an 'off' timer. It ensures that your busy day doesn't start late.

Kaimin

Ever woken up feeling chilly in the middle of the night? 'Kaimin' adjusts the temperature automatically through the night to suit your body needs. It is an intelligent feature that ensures you get sound sleep every night and wake up feeling fresh every morning. By raising 1°C per hour for up to 4 hours, its operation ensures you save up to 45%.

32 Reliability Tests

32 Reliability Tests and the unbelievably stringent Japanese Tochigi standards ensure you get a world-class product and peace of mind.

My Mode

Conventional air-conditioners have preset modes, whereas Hitachi air-conditioners allow you the flexibility of 3 programmable comfort modes to ensure that you get perfectly customised cooling.

Comfort Modes

Four handy modes to choose from, to give you perfect comfort - Fan, Dry, Cool & Powerful.

Remote Control

It comes with an LCD display for extra clarity and a flap to keep the keys dust-free. Also when not in use, display shuts off automatically ensuring a longer battery life.

DC Fan Motor

The air-conditioners come with DC Fan Motor Technology. This technology is far more efficient than the conventional air-conditioner technology and reduces noise and power consumption significantly.

*For 18 HOD

Product Features & Technical Specification



Available in 1.2 Tr, 1.5 Tr & 2.0 Tr.

- Auto Humid Control
- On/Off Timer With Advanced Start-up
- Auto Climate Technology
- Precoated Fins
- Alarm Function
- Supercool Function
- Auto Fan Speed
- 5 Fan Speeds
- Kaimin
- 32 Reliability Tests
- Comfort Modes
- Password Protection
- Personalised Modes
- Auto Power Save Mode
- Comfort Settings
- Koukin Filter With 'Filter Clean' Indicator

Technical Specification-ACE

| Tonnage | | 1.2 | 1.5 | 2.0 |
|-----------------------------|--|-----------------|------------------|------------------|
| Star rating | No of BEE Stars | 5 | 5 | 3 |
| UNIT-Model Number | | RAU014HODZ1 | RAU018HOD | RAU023HOD |
| Indoor-model Number | | RAS014HODZ1 | RAS018HOD | RAS023HOD |
| Outdoor- Model Number | | RAC014HODZ1 | RAC018HOD | RAC023HOD |
| Compressor Type | | ROTARY | ROTARY | ROTARY |
| Rated Cooling Capacity | BTU/Hr | 14000 | 18300 | 23500 |
| Rated Cooling Capacity | Watts | 4102 | 5362 | 6885 |
| Rated power Supply | Volts/Hz/Phase | 230/50/1 | 230/50/1 | 230/50/1 |
| Total Power Input | Watts | 1235 | 1650 | 2380 |
| EER | BTU/Hr / Power Input (Watts) | 11.34 | 11.09 | 9.87 |
| COP | Rated cooling capacity (Watts) / Power Input (Watts) | 3.32 | 3.25 | 2.89 |
| Current Drawn | Amps | 5.8 | 7.7 | 11.1 |
| Fan Speed | Steps | 5 | 5 | 5 |
| Air Flow (IDU) (Super high) | CFM | 458 | 600 | 670 |
| Sound level * | dB | 38 | 34 | 37 |
| Dimension(Indoor)in mm | W X H X D | 780 x 280 x 219 | 1050 X 290 X 220 | 1050 X 290 X 220 |
| Dimension(outdoor)in mm | W X H X D | 815 X 620 X 325 | 815 X 620 X 325 | 815 X 620 X 325 |
| Net Weight (IDU) | Kg | 9 | 13.5 | 13.5 |
| Net Weight (ODU) | Kg | 43 | 49 | 51.5 |
| Remocon | | Wireless | Wireless | Wireless |

Available at select outlets only.

*At Super Silent fan speed & at a distance of 1 m .

Due to continuous research & development, specifications & features may change without prior notice. Features may vary from model to model." Hitachi air-conditioners are designed to work in ambient temperatures upto 52°C.

