

Atom² gives you the flexibility of using 2 indoor units with a single outdoor unit

The Atom² Technology

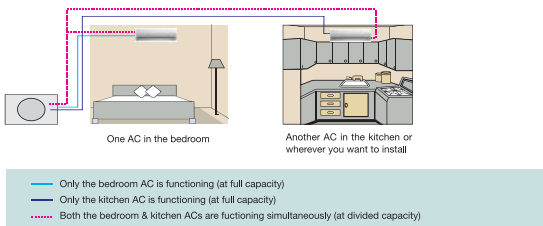
Atom² is a unique Split Air-Conditioner which has 2 Indoor Units with a single Outdoor Unit. Atom² has a special programmable logic controller which operates the AC's refrigerant cycle in an intelligent manner. It detects whether one Indoor Unit (IDU) is working or both are working. According to that logic, it diverts the refrigerant flow to the desired IDU or both IDUs (when functioning simultaneously). Thus, this technology gives you the flexibility of installing two Indoor Units of Atom² wherever required. For example, one in the bedroom and the other in the kitchen (as illustrated below).

Added Technology Enabled Features



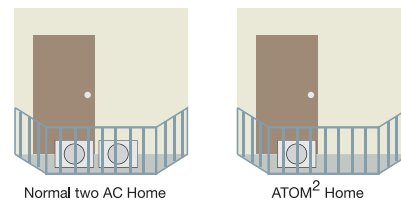
Modular Design

You can add the second Indoor Unit, wherever you want to.



Space Saver

Because you have only one Outdoor Unit, you also save valuable space in the balcony or the pavement.



Small Size

The coil design of our Lambda Technology reduces the size of the AC by over 30%, making it the smallest Split AC in the category.



And/Or Operation

The two Indoor Units can work individually (full capacity), as well as simultaneously (divided capacity). So you can enjoy the benefits of two ACs with just a single ODU.



Aesthetics

The flat panel design blends unobtrusively with any interior decor and also keeps the dust away.

Conventional Indoor Unit

Front grill design units collect dust on their inlet grills unless these grills are cleaned regularly.

Hitachi Indoor Unit

Flat front panel does not let the air inlet grills gather dust while keeping the product aesthetically superior.



Independent Circuit

Both the units have separate circuits. So even if one of them stops working, the other will continue unaffected.

TECHNICAL SPECIFICATION

Description	Unit	ATOM ²	
		1.5	2.0
Tonnage Class		1.5	2.0
Star Rating	No of BEE Stars	# Not Applicable	# Not Applicable
Unit	Model Number	RMU019ENDZ1	RMU023ENDZ1
IDU	Model Number	RMS019END	RMS023END
ODU	Model Number	RMC019END	RMC023END
Compressor	Type	ROTARY	ROTARY
Rated Cooling Capacity	BTU/Hr	19400	23400
Rated Cooling Capacity	Watts	5680	6852
Rated Power Supply	Volts/Hz/Phase	230/50/1	230/50/1
Total Power Input	Watts	1780	2300
EER	Rated Cooling Capacity (BTU/Hr) / Power Input (Watts)	10.90	10.17
COP	Rated Cooling Capacity (Watts) / Power Input (Watts)	3.19	2.98
Current Drawn	Amps	8.3	10.8
Fan Speed	Steps	3	3
Air Flow (IDU) (Super High)	CFM	458	484
Sound Level* (IDU)	dB	40	42
Dimension (IDU) (W X H X D)	mm	775 X 275 X 205	775 X 275 X 205
Dimension (ODU) (W X H X D)	mm	815 X 620 X 325	815 X 620 X 325
Net Weight (IDU)	Kg	9	9
Net Weight (ODU)	Kg	49	51.5
Remocon	Type	Wireless LCD	Wireless LCD
IDU COMBINATION		WITH BOTH IDUs RUNNING	
Rated Cooling Capacity	BTU/Hr	9700 x 2	11700 x 2
Total Power Input	Watts	1880	2400
EER	BTU/Watts
Current Drawn	Amps	8.8	11.22

Features may vary from model to model.

*At Super silent mode & at a distance of 1m. Hitachi air-conditioners are designed to work in ambient temperature upto 52° C.

Due to continuous research & development, specifications & features may change without prior notice.

#BEE star rating scheme does not cover testing of ACs. For Star model rated cooling capacity is declared at high speed of cool mode.

For others rated cooling capacity is declared at super cool mode. Features may vary from model to model.