SPECIFICATIONS

Type				NOCRIA
Model No.		Indoor Unit		AWTZ18LBC
		Outdoor Unit		AOTZ18LBC
Reverse Cycle System				Yes
Cooling Capacity			Watts	5200
			BTU/h	17700
Range			Watts	900 - 5900
			BTU/h	3100 - 20100
Heating Capacity			Watts	6700
			BTU/h	22900
Range			Watts	900 - 9700
			BTU/h	3100 - 33100
Power Supply			Volts	240
Interconnect cables - size			QTY mm²	4 - 2.5
Recommended Min Power Cable Size			mm²	4
Phase-Frequency			Ph- Hz	1-50
Power Supply Attachment				Indoor
Plug Size (If Applicable)			Amps	15
Running Current		Cooling	Amps	6.6
		Heating	Amps	6.9
Input		Cooling	Watts	1580
		Heating	Watts	1630
Moisture Removal			l/hr	2.8
E.E.R.		Cooling	W/W	3.29
C.O.P.		Heating	W/W	4.11
Star Rating		Cooling		5
		Heating		6
Fan Speeds				5
Air Circulation			l/s	236
Compressor Type				Rotary
Dimensions and Weights	I.U.	Height	mm	250
		Width	mm	899
		Depth	mm	298
		Net Weight	kg	13.5
	O.U.	Height	mm	578
		Width	mm	790
		Depth	mm	300
		Net Weight	kg	39
I.U. Sound Pressure Level S-Quiet Mode			dBA@1m	24
I.U. Sound Pressure Level Quiet Mode			dBA@1m	29
I.U. Sound Pressure Level Low Mode			dBA@1m	35
I.U. Sound Pressure Level Med. Mode			dBA@1m	43
I.U. Sound Pressure Level High Mode			dBA@1m	46
O.U. Sound Pressure Level			dBA@1m	48
O.U. Sound Power Level			dBA	65
Refrigerant Type				R410A
Connection Pipe Sizes		Gas	mm	12.7
		Liquid	mm	6.35
Maximum Pipe Length			Metre	20
Maximum Pipe Height			Metre	15
Pipe Connection Methods				Flare
Outdoor operating Temp		Cooling	Degrees C	-10~43
		Heating	Degrees C	-15~24

Body colour is white on all models. The heating method employed is the "Reverse Cycle Heating System" on all heating and cooling compatible models. Cooling/Heating capacities are based on AS/NZS 3823. Sound power level (cooling) is rated in accordance with AS 1217. Specifications and design subject to change without notice for further improvement. Please check with your dealer. MUST BE INSTALLED AND SERVICED BY ACCREDITED AIR CONDITIONING SPECIALIST. Recommended cable sizes are based on AS/NZS3000 and AS/NZS3008.

FUJITSU HEAT PUMPS

NEW ZEALAND'S FAVOURITE AIR™

Fujitsu General New Zealand Limited
www.fujitsugeneral.co.nz

Products in this brochure contain R410A refrigerant.

Please refer to specifications before installation & servicing this product.

Equipment in this brochure must be installed and serviced by an Accredited Air Conditioning Specialist.

For future improvement, specifications and designs of product are subject to change without notice. Please check with your dealer.

Heating and cooling capacities are based on AS/NZS 3823.

COOLING Indoor Temp: 27˚C DB/19˚C WB
Outdoor Temp: 35˚C DB

HEATING Indoor Temp: 20˚C DB
Outdoor Temp: 7˚C DB / 6˚C WB

Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.

FULL PARTS & LABOUR WARRANTY 5 YEARS

EXPLANATION OF FEATURES

Moisture Removal
The computer effectively dehumidifies the air.

Up/Down Swing Flaps
The up/down flaps automatically swing to up and down.

Right/Left Swing Flaps
The right/left flaps automatically swing in either direction.

Double Swing Automatic
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.

Automatic Flaps
The position of the flaps is set automatically to match the operating mode. It is also possible to adjust the flaps using the remote control.

Auto Shut Flaps
The auto shut flaps close or open automatically when the unit stops or starts.

Automatic Air Flow Adjustment
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

Auto Restart
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.

Auto-Changeover
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

Sleep Timer
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

Program Timer
This digital timer allows selection of one of four options.
ON, OFF, ON -> OFF, or OFF -> ON.

ON-OFF Timer
ON-OFF timer can be set to operate once.

Weekly Timer
Different on-off times can be set for each day.

Weekly + Setback Timer
Weekly + Setback timer can set temperature for two time spans and for each day of the week.

Connectable Distributing Duct
Conditioned air can be distributed by means of a distribution duct.

Connectable Fresh Air Duct
Duct connection port hole opening. Fresh air can be introduced through this opening.

Fresh air intake
Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (optional parts).

Washable Panel

Long-life Ion deodorization filter

Long-life photocatalytic deodorizing filter

Apple-catechin filter

Wasabi antibacterial electrostatic filter

Top Energy Saver Award
For the most energy efficient Star Rated Products. www.energyallstars.gov.au

C Cooling H Heating

FUJITSU Nocria® Ceiling Wall

INVERTER

NEW ZEALAND'S FAVOURITE AIR™

FUJITSU

INVERTER Ceiling Wall

Nocria®

The revolutionary NOCRIA ceiling wall models have vastly improved heating and cooling efficiency and energy saving. These elegant units are designed to sit very high on the wall, just 40mm below the ceiling and remain very unobtrusive. The automatic self cleaning filter system ensures highly efficient operation and the UV filter disinfects and deodorises the air.

Moisture | Up/Down | Double | Auto flaps | Auto Shut flaps | Adjust

Restart | Auto Changeover | Sleep | Program | On-Off | Wash

AWTZ18LB

Hi-COP:4.11(W/W)

C 5.20kW/ 17,700BTU/h

H 6.70kW/ 22,900BTU/h

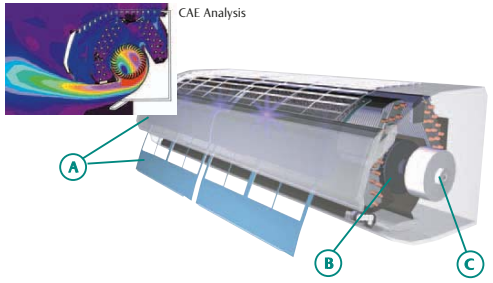
Our unique technology that achieved top energy efficiency in the industry.

(A) Energy saving by automatic filter cleaning function.

This function allows an energy saving of more than 25% a year and maintains a smooth air flow by preventing the filters from being clogged with dust. WORLD FIRST!

(B) Computer-designed fan provides a larger air flow than conventional models.

New air trunk, which provides a smooth air flow & gap fan motor increase the maximum air flow by10% over that of conventional models. CAE: Computer aided engineering



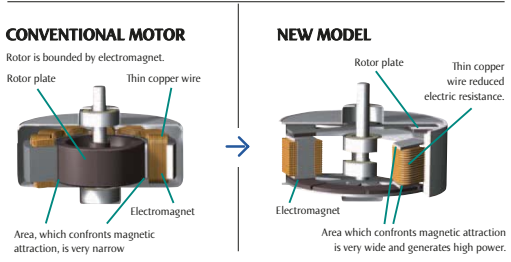
(C) Axial gap fan motor enables non-conventional high power and high efficiency. WORLD FIRST!

Axial gap method

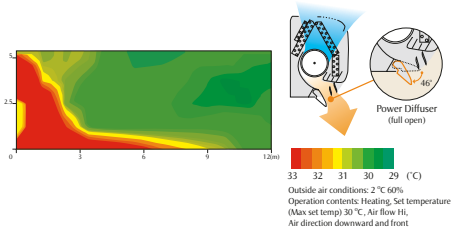
Rotor plates are installed above & below electromagnets.

Features (Compared to conventional models)

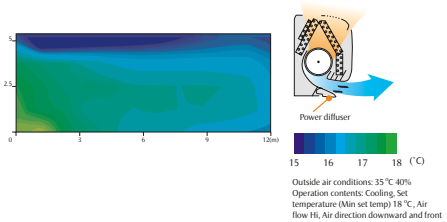
- Compact size with 1.5 more power output.
- Self-driven method increases rotating efficiency by10%.
- Our electromagnetic field simulation technology enables low vibration and low noise.



Strong vertical air flow provides powerful floor level heating.



Healthy horizontal air flow does not blow cool air directly at the occupants in the room.



Automatic filter clean WORLD FIRST!

Entire filter is cleaned automatically in approximately 2 minutes.

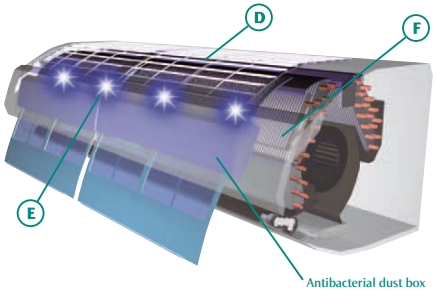
Since the filter is cleaned automatically, energy saving capability is displayed without regard to the load on the air conditioner.

Energy saving

If the energy saving effect is maintained, filter cleaning once every two weeks is effective.

Three exhaustive sterilizing and deodorizing counter measures keep the air in the room clean.

If the energy saving effect is maintained, filter cleaning once every two weeks is effective.



Removes dirt and dust by double brushes. Dust collection is approximately twice that in the past. Maintenance: Only throwing into a trash bin once every two years

STERILIZING COUNTER MEASURE

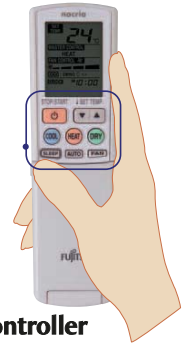
(D) Dirt and dust are thoroughly sterilized by titan apatite filter*

*Displays double the effect of a conventional optical medium & retains its property for a long time to suck in and remove approximately 99.99% of cigarette odours and bacteria, etc.

(E) Drives away bacteria and refreshes the air by UV (ultraviolet rays) illumination. WORLD FIRST!

(F) The heat exchanger also uses titan apatite.

Titan apatite attracts bacteria and mould spores that passed through the filter and suppresses the growth of bacteria.



Remote controller

Frequently used parts are clearly visible at the centre. The operation mode can be directly selected.

Inner drying operation.

This model is equipped with an inner drying function. After the power is turned off, the dry operation starts inside the air conditioner. This prevents the growth of mould and bacteria inside the air conditioner.

During dew condensation

Approx. 20 mins Drying