

FUJITSU Floor Console

JUNE 2008



NEW ZEALAND'S FAVOURITE AIR™

FUJITSU

The Fujitsu Floor consoles are very efficient, quiet and elegant. They are designed for discreet floor installation, could be used to replace floor heating devices such as night storage heaters or wall heaters. The compact floor console is only 60cm high, yet is super quiet, with many convenient features.

INVERTER

Floor Console

INVERTER

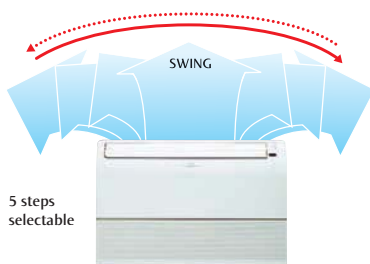
Compact Floor Console

The Floor Consoles have the power and efficiency for larger rooms.

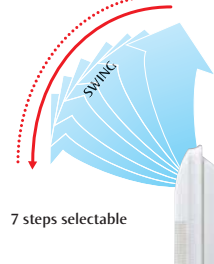
Double Auto Swing

A combination of up/down and right/left air direction swing allows three-dimensional air direction control. Since up/down air direction flaps operate automatically, according to the operating mode of the unit, it is possible to set the air direction based on the operating mode.

Right and left



Up and down

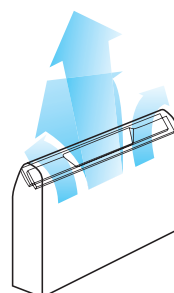


Flexible Installation



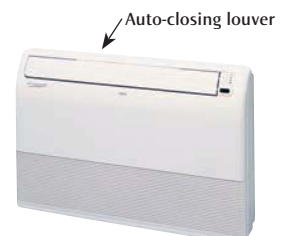
Super Vane

The double-flap "Super Vane" with special configuration boosts the air flow, sending warm air quickly to every corner of the room.



Auto-Closing Louver

This function is common to all indoor unit types except the duct type.



Wired Controller Features: (Optional UTB-TUD)

- Various timer set-up
- Weekly timer (2 x start and 2 x stop settings per day)
- Set back timer
- Group control of up to 16 indoor units
- Child lock
- Filter maintenance display
- Memory back up setting



ABTA18L/24L



Infra red remote control



(Optional UTB-TUD) Wired controller with weekly/set-back timer



For ABTA18/24L

ABTA18L

C 5.2kW / 17,800BTU/h
H 6.2kW / 21,200BTU/h

ABTA24L

C 7.1 kW / 24,200BTU/h
H 8.0kW / 27,300BTU/h



AGTV14L



Infra red remote control



For AGTV14L

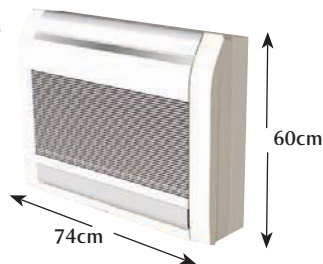
AGTV14L

C 4.2kW / 14,300BTU/h
H 5.2kW / 17,700BTU/h

The Compact Floor Console is surprisingly efficient, with its elegant new design.

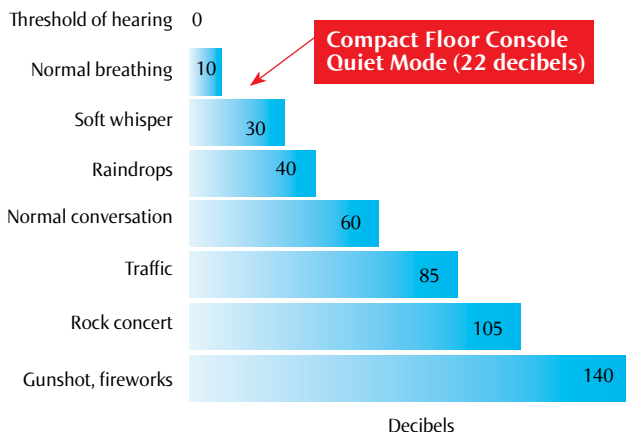
Very Compact

At just 60cm high and 74cm long, this model is discreet and attractive – could be used to replace night storage heaters or wall heaters.



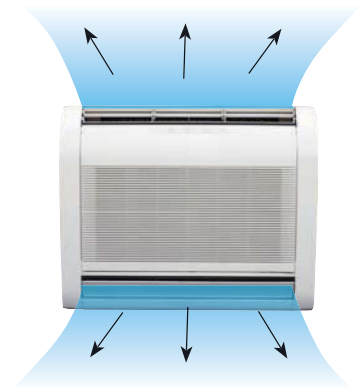
Super Quiet

An industry leader in quietness – with quiet mode at just 22 decibels - quieter than a human whisper.



Dual Fan

Twin fans and the option of using the top fan only gives you total control, and fast heating (or cooling in summer) of the entire room.



Apple-Catechin Filter

Fine dust, invisible mould spores and harmful micro organisms are absorbed onto the filter by static electricity and further growth is inhibited and deactivated.

Long-life Ion Deodorisation Filter

The filter reduces common household odours, kitchen and pet smells by powerfully absorbing and decomposing them.

Other Features:

- 5 STAR energy rated - for economical operation
- Can be recessed if required
- +10°C room 'hold-over' setting on the remote control
- Very compact outdoor unit (57cm x 79cm x 30cm)
- Still provides heat when outside temperature is -15°C

SPECIFICATIONS

Type		FLOOR INVERTER	FLOOR/CEILING INVERTER	FLOOR/CEILING INVERTER		
Model No.	Indoor Unit	AGTV14LAC	ABTA18LAT	ABTA24LAT		
	Outdoor Unit	AOTV14LAC	AOTA18LACL	AOTA24LACL		
Reverse Cycle		YES	YES	YES		
Cooling Capacities	Watts	4,200	5,200	7,100		
	BTU/Hr	14,300	17,700	24,200		
Cooling Range	Watts	900 - 5,000	900 - 5,900	900 - 8,000		
	BTU/Hr	3,100 - 17,100	3,100 - 20,100	3,100 - 27,300		
Heating Capacities	Watts	5,200	6,000	8,000		
	BTU/Hr	17,700	20,500	27,300		
Heating Range	Watts	900 - 8,000	900 - 7,500	900 - 9,100		
	BTU/Hr	3,100-27,300	3,100 - 25,600	3,100 - 31,000		
Energy Star Rating	Cool	5.5	5	4.5		
	Heat	5	5	5		
E.E.R Cool	W/W	3.68	3.21	3.11		
C.O.P Heat	W/W	3.61	3.61	3.61		
Running Current	Cool Amps	5.2 (9.0 Max)	6.8 (8.6 Max)	9.3 (11.3 Max)		
	Heat Amps	6.4 (13.5 Max)	7.0 (10.3 Max)	9.3 (11.6 Max)		
Input Power	Cool Watts	1,140 (250 - 1,900)	1,620 (2,040 Max)	2,280 (2,690 Max)		
	Heat Watts	1,440 (250 - 2,950)	1,660 (2,450 Max)	2,210 (2,760 Max)		
Moisture Removal	L/Hr	2.1	2.7			
Fan Speeds		4	4	4		
Air Circulation	l/s	180 Upper & Low	217	278		
Indoor Sound Pressure Level	Quiet	DbA at 1m	22	32		
	Low	DbA at 1m	31	35		
	Med	DbA at 1m	38	41		
	High	DbA at 1m	44	49		
Outdoor Sound Pressure Level	DbA at 1m	50	50	53		
Outdoor Sound Power Level	DbA	66	65	68		
Dimensions and Weights	I.U	Height	mm	600	655	655
		Width	mm	740	990	990
		Depth	mm	200	199	199
		Net Weight	kg	14	27	27
	O.U	Height	mm	578	578	578
		Width	mm	790	790	790
		Depth	mm	300	300	315
		Net Weight	kg	40	40	40
Compressor Type		Rotary	Twin Rotary	Twin Rotary		
Interconnect cables - size	Qty - mm2	4 - 1.5	4 - 1.5	4 - 1.5		
Recommended Min. Power Cable	mm2	2.5	4	4		
Phase - Frequency	Ph - Hz	1 - 50	1 - 50	1 - 50		
Power Supply	Volts	230	230	230		
Refrigerant Type		R410a	R410a	R410a		
Connection Pipe Sizes	Gas	mm	12.7	15.88		
	Liquid	mm	6.35	6.35		
Minimum Pipe Length	Metre	3	5	5		
Maximum Pipe Length	Metre	20	25	30		
Maximum Pipe Height	Metre	15	15	20		
Pre Charged Length	Metre	15	15	15		
Pipe Connection Method		Flare	Flare	Flare		
Outdoor Operating Temp	Cool	Degree C	-10 to 43	-10 to 46		
	Heat	Degree C	-15 to 24	-15 to 24		



NEW ZEALAND'S FAVOURITE AIR™

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

Products depicted in this brochure contain high operating pressure R410a refrigerant. It is illegal to vent that refrigerant to the atmosphere. Only persons qualified and experienced in the installation, service and repair of these products are authorised to undertake such work.

Fujitsu General Accredited Installers have shown they have the necessary equipment and have accepted responsibility for their installations and the requirements of any statutes or laws.

Due to ongoing Research and Development specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

Heating/Cooling capacities and run current tests are based on the requirements of AS/NZS3283, that standard tests at the temperature below.

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

As actual temperature ranges in New Zealand vary considerably only competent people should provide advice as to size and placement of units.

Recommended cable sizes are based in AS/NZS3000 and AS/NZS3008.

Fujitsu General New Zealand Ltd warrants the equipment against any defects in materials and factory workmanship for a period of five years from the date of installation, or for 6 years if installed by an Accredited Installer.

This warranty does not cover defects or failures which are attributable to; incorrect or improper installation; environmental damage; airflow restriction; inadequate electrical supply; getting access to the product.

EXPLANATION OF TERMS

Capacity: the higher the capacity, the more area and faster the heat pump will heat (and cool) the room.

COP: Stands for coefficient of performance or (more simply), the relationship between energy used and heat delivered. For example with a heating COP of 4.11 – you will get 4.11kW of heat for every 1kW of energy used.

Energy Star rating: your quick guide to energy efficiency – more stars means more efficient.

Indoor sound – measured in decibels, this is the sound level of your indoor unit at selected fan speeds. For example 20-30 decibels is less than the sound of a human whisper.

Heating range – with our Kiwi winter, your heat pump needs to be able to supply heat indoors, even when its -15°C outside!

EXPLANATION OF FEATURES (MODEL DEPENDENT)

<p>Moisture Removal The computer effectively dehumidifies the air.</p>	<p>Automatic Air Flow Adjustment The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.</p>	<p>ON-OFF Timer ON-OFF timer can be set to operate once.</p>	<p>Control Port External inputs and outputs contained within the product allow on/off control, fresh air interlock connection and heater bank element connection. UTD-ECSSA* (optional parts)</p>
<p>Up/Down Swing Louvers The up/down louvers automatically swing to up and down.</p>	<p>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.</p>	<p>Weekly Timer Different on-off times can be set for each day.</p>	<p>* Selected ducted units only.</p>
<p>Right/Left Swing Louvers The right/left louvers automatically swing in either direction.</p>	<p>Auto-Changeover The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.</p>	<p>Weekly + Setback Timer Weekly + Setback timer can set temperature for two time spans and for each day of the week.</p>	<p>iPAM Fujitsu's advanced inverter technology now includes iPAM (Intelligent Power Module-Pulse Amplitude Modulation), to enable high output and high efficiency.</p>
<p>Double Swing Automatic Complex swing action of louvers enables automatically to swing both horizontal and vertical directions.</p>	<p>Sleep Timer The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.</p>	<p>Washable Panel</p>	<p>Top Energy Saver Award For the most energy efficient Star Rated Products.</p>
<p>Automatic Louvers The position of the louvers is set automatically to match the operating mode. It is also possible to adjust the louvers using the remote control.</p>	<p>Program Timer This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.</p>	<p>Long-life Ion deodorization filter</p>	<p>C Cooling H Heating</p>
<p>Auto Shut Louvers The auto shut louvers close or open automatically when the unit stops or starts.</p>	<p>Apple-catechin filter</p>		

Printed with 100% vegetable based inks. 4 STAR rated on environmentally friendly paper.

JAS-ANZ



QAS is Accredited by the Joint Accreditation System of Australia and New Zealand. Acc No. 5128000042

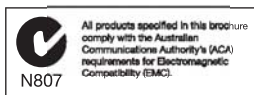


ISO 9002 Certified number: JQA-2005



ISO 14001 Certified number: EC98J1137

Hamamatsu Fujitsu General Ltd.



All products specified in this brochure comply with the Australian Communications Authority's (ACA) requirements for Electromagnetic Compatibility (EMC).



5 Year full parts and labour warranty. 6 years (an extra full year's warranty) when you use a Fujitsu Accredited installer.