

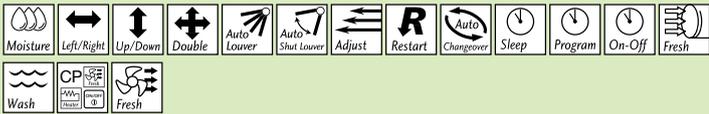
# FUJITSU Under Ceiling Console



## Slim Unit



ABT36L/45L



ABTA36L

Hi - COP 3.71

C 10.0kW / 34,100BTU/h

H 11.2kW / 38,200BTU/h



ABTA45L

Hi - COP 3.66

C 12.5kW / 42,700BTU/h

H 14.0kW / 47,800BTU/h



## Remote Controller



## Wired Remote Controller (optional)



## Outdoor Unit



For ABTA36L/45L

## Powerful, more Efficient, Quieter

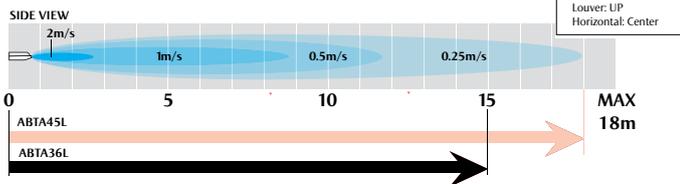
The Under Ceiling Console model is an ideal unit for commercial and other big open space, high ceiling applications. Fujitsu Inverter technology and the highly efficient DC components provide low cost operation with improved energy efficiency.

These models also incorporate Quiet Mode that delivers super quiet operation, despite powerful airflow. Other features include air filter maintenance indicator and optional condensate pump.

## Features

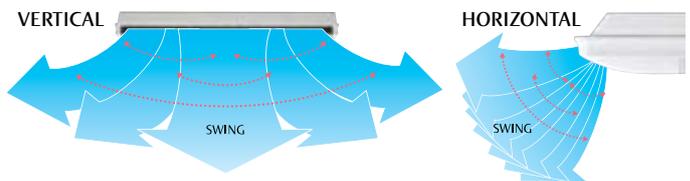
### Long distance airflow

High performance fans deliver long distance airflow of up to 18 metres, ensuring comfort to every corner of a large room.



### Double auto swing

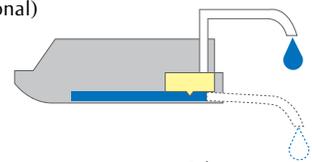
Control over air direction swing is possible through dual use of both an up/down air direction swing and right/left air direction swing. Since up/down air direction louvres operate automatically according to the operating mode of the unit, it is possible to set air direction based on the operation mode.



### Optional condensate pump

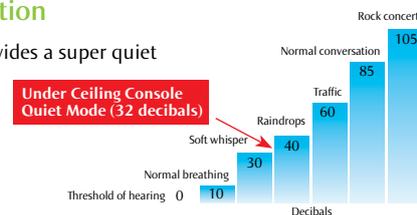
The condensate water pump offers more flexible installation by lifting drain and discharge point 400mm.\* (optional)

\*For installation instructions, refer to specifications.



### Quiet operation

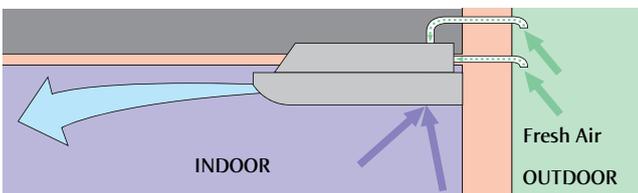
Quiet mode provides a super quiet environment.



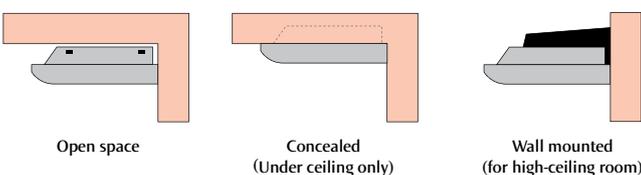
### Wired controller features:

- 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
- Built-in thermosensor
- Child lock
- Filter maintenance display
- Memory back up setting

### Fresh-air intake



### Installation options



NEW ZEALAND'S FAVOURITE AIR™



## SPECIFICATIONS

Type		CEILING		CEILING		
Model No.	Indoor Unit	ABTA36LAT		ABTA45LAT		
Outdoor Unit		AOTA36LATL		AOTA45LATL		
Reverse Cycle		Yes		Yes		
Cooling Capacities		Watts	10,000	12,500		
		BTU/Hr	34,100	42,700		
Cooling Range		Watts	3,800 - 11,200	4,000 - 14,000		
		BTU/Hr	13,000 - 38,200	13,700 - 47,800		
Heating Capacities		Watts	11,200	14,000		
		BTU/Hr	38,200	47,800		
Heating Range		Watts	4,000 - 14,000	4,200 - 16,200		
		BTU/Hr	13,700 - 47,800	14,300 - 55,300		
Star Rating	Cool	5		5		
	Heat	5.5		5.5		
E.E.R Cool	W/W	3.21		3.21		
C.O.P Heat	W/W	3.71		3.66		
Running Current	Cool	Amps	13 (19 Max)	16.3 (20 Max)		
	Heat	Amps	12.7 (19 Max)	16.1 (20 Max)		
Input Power	Cool	Watts	3,110 (4,540 Max)	3,890 (4,780 Max)		
	Heat	Watts	3,020 (4,540 Max)	3,830 (4,780 Max)		
Moisture Removal	L/Hr	3		4.5		
Fan Speeds		4		4		
Air Circulation	l/s	527		583		
Indoor Sound	Quiet	DbA at 1m	32	34		
	Low	DbA at 1m	37	39		
	Med	DbA at 1m	43	45		
Pressure Level	High	DbA at 1m	47	49		
		DbA at 1m	55	56		
Outdoor Sound Pressure Level	DbA	N/A		N/A		
Dimensions and Weights	I.U	Height	mm	240		
		Width	mm	1660		
		Depth	mm	700		
		Net Weight	kg	46		
	O.U	Height	mm	1290		
		Width	mm	900		
		Depth	mm	330		
		Net Weight	kg	98		
Compressor Type		DC Rotary		DC Rotary		
Interconnect cables - size	Qty - mm2	4 - 1.5		4 - 1.5		
Recommended Min. Power Cable	mm2	6		6		
Phase - Frequency	Ph - Hz	1 - 50		1 - 50		
Power Supply	Volts	230		230		
Refrigerant Type		R410a		R410a		
Connection Pipe Sizes	Gas	mm	15.88		15.88	
	Liquid	mm	9.52		9.52	
Minimum Pipe Length	Metre	5		5		
Maximum Pipe Length	Metre	50		50		
Maximum Pipe Height	Metre	30		30		
Pre Charged Length	Meter	20		20		
Pipe Connection Method		Flare		Flare		
Condensate Pump Lift	mm	400		400		
Outdoor Operating Temp	Cool	Degree C	-15 to 46		-15 to 46	
	Heat	Degree C	-15 to 24		-15 to 24	

## EXPLANATION OF FEATURES

- 
**Moisture Removal**  
 The computer effectively dehumidifies the air.
- 
**Automatic Air Flow Adjustment**  
 The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.
- 
**ON-OFF Timer**  
 ON-OFF timer can be set to operate once.
- 
**Washable Panel**
- 
**Up/Down Swing Louvers**  
 The up/down louvers automatically swing to up and down.
- 
**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.
- 
**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.
- 
**Control Port**  
 External inputs and outputs contained within the product allow on/off control, fresh air interlock connection.
- 
**Right/Left Swing Louvers**  
 The right/left louvers automatically swing in either direction.
- 
**Auto-Changeover**  
 The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- 
**Weekly + Setback Timer**  
 Weekly + Setback timer can set temperature for two time spans and for each day of the week.
- 
**Top Energy Saver Award**  
 For the most energy efficient Star Rated Products.
- 
**Double Swing Automatic**  
 Complex swing action of louvers enables automatically to swing both horizontal and vertical directions.
- 
**Sleep Timer**  
 The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- 
**Connectable Distributing Duct**  
 Conditioned air can be distributed by means of a distribution duct.
- 
**C** Cooling
- 
**Automatic Louvers**  
 The position of the louvers is set automatically to match the operating mode. It is also possible to adjust the flaps using the remote control.
- 
**Connectable Fresh Air Duct**  
 Duct connection port hole opening. Fresh air can be introduced through this opening.
- 
**H** Heating
- 
**Auto Shut Louvers**  
 The auto shut louvers close or open automatically when the unit stops or starts.
- 
**Program Timer**  
 This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.
- 
**Fresh air intake**  
 Fresh air can be taken in by a fan which can be connected using UTD-ECS5A (optional parts).



## NEW ZEALAND'S FAVOURITE AIR™

Fujitsu General New Zealand Limited  
[www.fujitsugeneral.co.nz](http://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.

Sound power level is tested to AS/NZS1217.

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.



JAS is Accredited by the Joint Accreditation System of Australia and New Zealand. Acc No. S1250992AS



ISO 9002 Certified number: JOA-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).



THE GLOBAL MARK OF ENERGY EFFICIENCY



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