



Compact Ceiling Cassettes



AUTG09LVLB

Heating capacity: 3.5kW
 Heating efficiency: COP 4.22
 Cooling capacity: 2.60kW
 Cooling efficiency: EER 4.33



AUTG24LVLC

Heating capacity: 8.0kW
 Heating efficiency: COP 3.61
 Cooling capacity: 7.1kW
 Cooling efficiency: EER 3.29

AUTG12LVLB

Heating capacity: 4.0kW
 Heating efficiency: COP 4.08
 Cooling capacity: 3.5kW
 Cooling efficiency: EER 3.85

AUTG18LVLA

Heating capacity: 6.0kW
 Heating efficiency: COP 3.61
 Cooling capacity: 5.20kW
 Cooling efficiency: EER 3.33

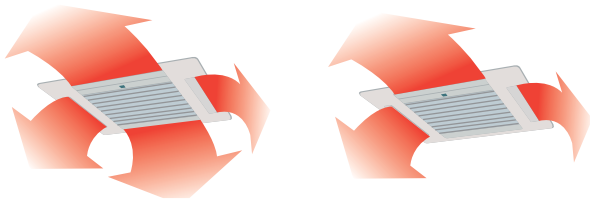


Full explanation of symbols on the back page

The compact and stylish Ceiling Cassette sits in the ceiling, with just the grille visible. Despite their discreet appearance, the turbo fan technology and 4-way air distribution will heat or cool your whole room quickly, efficiently and quietly.

Fast heat

3 or 4 way air distribution combined with strong airflow delivers super fast heating. The 4-way flow works best when the Cassette is placed in the centre of the room. However, if the unit is placed adjacent to a wall, an optional 3-way air outlet can be made to ensure optimum airflow to the entire room.



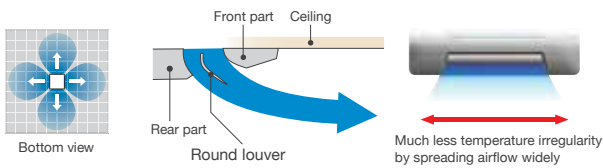
Whole room heating and cooling

Powerful airflow reaches the entire room with ceiling heights of up to 3.0m.



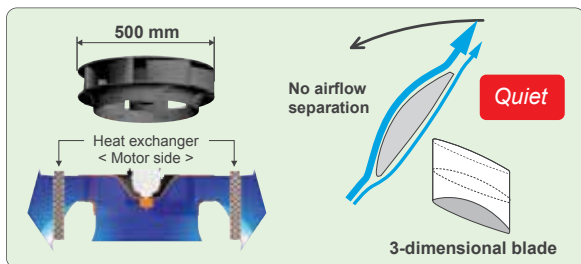
How the improved airflow works

The new louver directs the airflow away from the ceiling and is designed to optimise even heating (and cooling) of the entire room.



Quiet and efficient

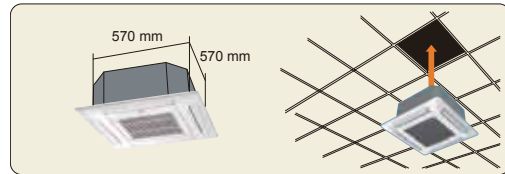
The turbo fan improves efficient airflow distribution, with hi-tech 3 dimensional blades that are designed specifically to operate whisper quietly.



← : Spin direction → : Airflow direction

Compact design

These compact units have been designed to fit into an average sized ceiling square – with the grille measuring just 570mm x 570mm.



Compact outside as well

Fujitsu's outdoor units are super compact, with the efficient airflow structure resulting in a very low operational sound. Importantly, the Fujitsu outside unit heat exchanger fins are also specially coated with Cobalt Blue – to help protect against corrosion and enhance the durability and extend the performance life of your Fujitsu Heat Pump.

CONTROLLERS

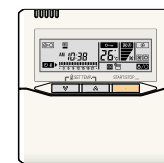
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNYN

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

Compact Cassette specifications

Model No.	Indoor Unit		AUTG09LVLB	AUTG12LVLB	AUTG18LVLB	AUTG24LVLB
	Outdoor Unit		AOTG09LBCB	AOTG12LBCB	AOTG18LACC	AOTG24LACC
CAPACITY (RANGE)	HEAT	kW	3.5 (0.90 - 4.48)	4.0 (0.90 - 4.83)	6.0 (0.90 - 7.50)	8.0 (2.20 - 9.10)
	COOL	kW	2.6 (0.90 - 3.60)	3.5 (0.90 - 4.0)	5.2 (0.90 - 5.90)	7.1 (2.90 - 8.0)
INPUT POWER	HEAT/COOL	kW	0.83 / 0.60	0.98 / 0.91	1.66 / 1.56	2.21 / 2.16
COP / EER	HEAT/COOL	kW/kW	4.22 / 4.33	4.08 / 3.85	3.61 / 3.33	3.61 / 3.29
STAR RATING	HEAT		3.5	3.0		2.5
	COOL		3.5	2.5		2.0
RUN CURRENT	HEAT/COOL	A	4.1 / 2.9	4.7 / 4.3	7.0 / 6.6	9.3 / 9.1
MOISTURE REMOVAL		L/Hr	0.50	0.90	2.2	2.7
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	27/29/32/34	28/31/33/37	30/34/38/43	33/40/45/49
OUTDOOR NOISE			49	50	56	54
AIR CIRCULATION	INDOOR	l/s	150	167	222	258
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	245 x 570 x 570			
	OUTDOOR	kg	15		16	
		mm	620 x 790 x 290		830 x 900 x 330	
	kg	39	41	60		
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree	-15 to 24			
	COOL		-10 to 46			
REFRIGERANT			R410a			

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.

Energy Saving Tips

Heat Pumps are one of the most efficient forms of heating available. Fujitsu has always led the way in energy savings – pioneering breakthroughs like the e3 Series of Heat Pumps that have the new R32 Thermodynamic system that is more efficient than earlier systems.

Ask your Heat Pump consultant, accredited by Fujitsu, to give you good advice tailored to your home needs. But in the meantime, here are some general tips to help you get the most out of your Heat Pump:

- Only heat the spaces that you are actually using and shut doors and curtains to keep the heat in.
- Home insulation will save you heaps of power – without good insulation, you can lose up to 75% of the heat you are paying for, through your ceiling, walls and floor.
- Don't have the temperature higher than you need it. Aim to set your Fujitsu Heat Pump between 18°-22° Celsius while you are using a

space and then 16° Celsius if you need it on overnight - otherwise, we recommend turning it off until the morning.

- Learn to use the timer features so your Fujitsu Heat Pump comes on an hour or so before you get home or get up in the morning, instead of leaving it on all day.
- Keep your Heat Pump well maintained and make sure the filters are cleaned regularly.
- It is important to have your Heat Pump serviced regularly. This will keep it performing efficiently and effectively.
- Ask for this booklet: "Tips to help you run your Heat Pump at maximum efficiency".

Enjoy the healthy comfort of your Fujitsu Heat Pump. We know you will reap the rewards for many years to come.



Explanation of features

- i-PAM** **i-PAM control models:** i-PAM inverter control is a technology which reduces loss of efficiency by adjusting the current waveform to a better sine waveform. This promotes the more effective use of the input power supply to attain high performance.
- Human Sensor** **Human Sensor:** Human Sensor catches movements of people in a room.
- Up/Down** **Up / down swing louvers:** The up/down louvers automatically swing up and down.
- Left/Right** **Right/Left swing louvers:** The right/left louvers automatically swing in either direction.
- Double** **Double swing automatic:** Complex swing action enables the louvers to automatically swing both horizontal and vertical directions.
- Adjust** **Automatic air flow adjustment:** The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.
- R** **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.
- Moisture** **Moisture removal:** Effectively dehumidifies the air.
- Auto Louver** **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.

- Auto-changover** **Auto-changeover:** The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.
- Auto Shut Louver** **Auto shut louvers:** The auto shut louvers close or open automatically when the unit stops or starts.
- 10°C HEAT** **10°C HEAT operation:** The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.
- Economy** **Economy mode:** Limits the maximum operational current, and performs operation with the power consumption suppressed.
- Powerful** **Powerful mode:** Operates at maximum air flow and compressor speed, and quickly makes the room comfortable.
- Low noise** **Low noise mode:** Sound noise level of outdoor unit can be selected or reduced.
- Sleep** **Sleep timer:** The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.
- Program** **Program timer:** This digital timer allows selection of one of four options : ON, OFF, ON OFF or OFF ON.

- Weekly** **Weekly timer:** 4 different ON-OFF times can be set every day for up to 7 days. Just set and forget!
- Wash** **Washable panel**
- Filter** **Filter sign:** Indicates when the filter needs cleaning.
- Ion** **Long-life Ion Deodorisation Filter:** This special filter comprises of super micro particles which can produce negative air ions which deodorise and absorb cooking, pet and other smells.
- AF** **Apple-Catechin Filter:** Fine dust, invisible mold spores, and harmful microorganisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.
- Powerful Heating** **Powerful heating**
- Controller** **Wall (wired) controller:** Optional, easy-to-use wall (wired) controller. 7-day timer for 'set and forget'.
- Coil Dry** **Coil dry operation:** Pressing the coil dry button after operating will dry the internal unit to prevent mould and bacteria growth.
- Cobalt Blue** **Cobalt Blue heat exchanger:** Outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.

Cooling Heating

Explanation of terms

Capacity: The higher the capacity, the more area can be heated and cooled, and the 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 up to 4.11kW of heat for every 1kW of energy used under test conditions.

EER: Stands for Energy Efficient Ratio, and is the ratio of the cooling capacity to the power input. The higher the EER, the more efficient the Heat Pump.

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! Heating/Cooling capacities and run current test are based on the requirements of AS/NZS3823, that standard test 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.

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HEAT PUMPS | AIR CONDITIONING

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