Compact Hi-Wall Premier

ASTG09LVCC

Heating capacity: 3.4kW
Heating efficiency: COP 4.66
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.31

ASTG12LVCC

Heating capacity: 4.8kW
Heating efficiency: COP 4.32
Cooling capacity: 3.5kW
Cooling efficiency: EER 3.8

ASTG14LUCB (Premier Plus)

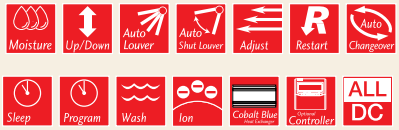
Heating capacity: 5.4kW
Heating efficiency: COP 3.67
Cooling capacity: 4.2kW
Cooling efficiency: EER 3.36

ASTG18LVCC

Heating capacity: 6.0kW
Heating efficiency: COP 4.03
Cooling capacity: 5.0kW
Cooling efficiency: EER 3.27

ASTG22LVCC

Heating capacity: 7.2kW
Heating efficiency: COP 3.55
Cooling capacity: 6.3kW
Cooling efficiency: EER 3.23

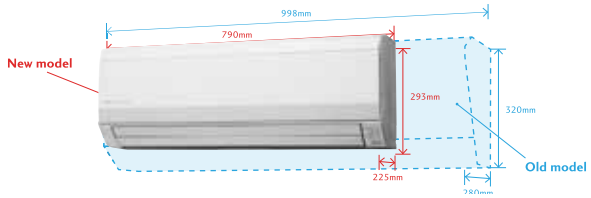


Full explanation of symbols on the back page

NZ's extremely popular Heat Pump series is very compact with stylish flat panels outside and advanced engineering inside. Super energy savings are achieved with Fujitsu's improved heat exchange technology and the unit can also offer very quiet operation, healthy fresh air filters and many extra features.

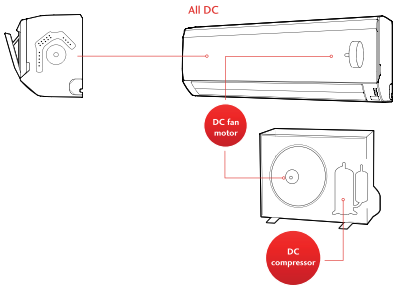
Compact design

Even the 7.0kW model is super compact.



Super efficient

High energy efficiency has been achieved with Fujitsu's twin rotary DC compressor, DC Inverter control and DC fan motor technologies.



Healthy Air Filters

Fujitsu's advanced filter systems contribute to a fresher, cleaner and healthier environment.

Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.

Fujitsu is recommended by Asthma New Zealand

Air Cleaning Filters

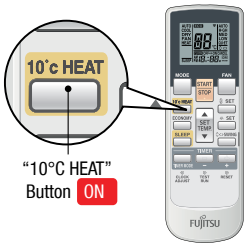
The Air Cleaning Filter uses static electricity to reduce fine particles and dust in the air, such as tobacco smoke, plant pollen and allergens that are too small to see.

Super quiet

ALL Fujitsu wall mounted models are equipped with 4 fan speeds including quiet fan mode, allowing the indoor units to operate as low as 22 decibels. In addition to this, Fujitsu's fan technology means that our models are quiet even when working their hardest to quickly heat or cool a room.

10˚C heat operation

This function on the remote control will prevent the room temperature from falling below 10°C, so the room will never be too cold when you are away.



CONTROLLERS

Remote Controller (supplied)

- Four standard timers (On/Off/Program/Sleep timers).
- Easy operation.
- Easy to change modes: heating/cooling/dry/auto/fan.

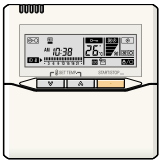
Optional wall controllers

In addition to the standard remote controller (above), there are optional wall controllers available.

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 outside units too

Fujitsu's outside units set the industry standard for compact design, yet still deliver all the power required, with efficient airflow engineering that reduces noise. Fujitsu's outside heat exchange units are coated with a blue corrosion resistant material to enhance durability and help extend the performance life of your Heat Pump.

Model ASTG14LUCB

This 'Premier Plus' model includes the added energy saving features of a Human Sensor and 'set-and-forget' remote control.

Compact Hi-Wall specifications

Model No.	Indoor Unit		ASTG09LVCC	ASTG12LVCC	ASTG14LUCB	ASTG18LVCC	ASTG22LVCC
	Outdoor Unit		AOTG09LVCC	AOTG12LVCC	AOTG14LUCB	AOTG18LVCC	AOTG22LVCC
CAPACITY (RANGE)	HEAT	kW	3.4 (0.50 - 4.0)	4.8 (0.90 - 5.60)	5.4 (0.90 - 6.0)	6.0 (1.05 - 8.10)	7.2 (1.05 - 8.70)
	COOL	kW	2.5 (0.50 - 3.30)	3.5 (0.90 - 4.0)	4.2 (0.90 - 5.0)	5.0 (0.90 -5.80)	6.3 (0.90 - 7.30)
INPUT POWER	HEAT/COOL	kW	0.73 / 0.58	1.11 / 0.92	1.47 / 1.25	1.49 / 1.53	2.03 / 1.95
COP / EER	HEAT/COOL	kW/kW	4.66 / 4.31	4.32 / 3.80	3.67 / 3.36	4.03 / 3.27	3.55 / 3.23
STAR RATING	HEAT		4.5	4.0	2.5	3.5	2.5
	COOL		4.0	3.0	2.0	2.0	2.0
RUN CURRENT	HEAT/COOL	A	3.5 / 2.8	5.0 / 4.2	6.4 / 5.7	6.3 / 6.5	8.5 / 8.2
MOISTURE REMOVAL		L/Hr	1.3	1.8	2.1	2.6	2.7
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	22/31/37/42	22/31/38/43	27/34/40/45	30/38/42/46	32/38/42/48
OUTDOOR NOISE			47	48	50	53	56
AIR CIRCULATION	INDOOR	l/s	225	239	264	267	267
DIMENSIONS AND WEIGHTS (HXWXD)	INDOOR	mm	293 x 790 x 225		282 x 870 x 185	293 x 790 x 225	
		kg	9.5				10
	OUTDOOR	mm	540 x 660 x 290	540 x 790 x 290		620 x 790 x 290	
		kg	25	34		37	40
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 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 catches movements of people in a room.

Up / down swing louvers: The up/down louvers automatically swing up and down.

Right/Left swing louvers: The right/left louvers automatically swing in either direction.

Double swing automatic: Complex swing action enables the louvers to automatically swing both horizontal and vertical directions.

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.

Moisture removal: Effectively dehumidifies the air.

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

Auto shut louvers: The auto shut louvers close or open automatically when the unit stops or starts.

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 mode: Limits the maximum operational current, and performs operation with the power consumption suppressed.

Powerful mode: Operates at maximum air flow and compressor speed, and quickly makes the room comfortable.

Low noise mode: Sound noise level of outdoor unit can be selected or reduced.

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.

Weekly timer: 4 different ON-OFF times can be set every day for up to 7 days. Just set and forget!

Washable panel

Filter sign: Indicates when the filter needs cleaning.

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.

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

Wall (wired) controller: Optional, easy-to-use wall (wired) controller. 7-day timer for 'set and forget'.

Coil dry operation: Pressing the coil dry button after operating will dry the internal unit to prevent mould and bacteria growth.

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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Healthier home

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