

COMPACT HI-WALL PREMIER



ASTG09LVC*

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



ASTG12LVC*

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



ASTG18LVC*

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



ASTG22LVC*

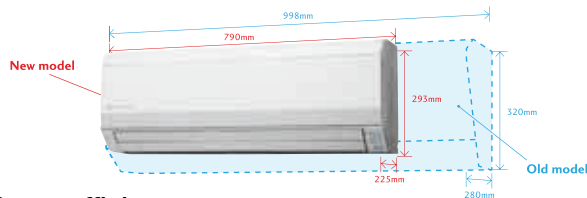
Heating capacity: 7.2kW
Heating efficiency: COP 3.55
Cooling capacity: 6.3kW
Cooling efficiency: EER 3.23



This extremely popular heat pump range is very compact with smart flat panel fascia and the most advanced engineering within. Fantastic energy savings are achieved with Fujitsu's improved heat exchange technology as well as offering near silent operation, healthy fresh air filters and many more extra features.

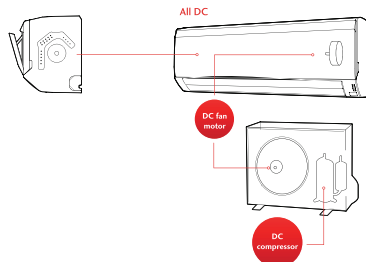
Compact design

New Zealand's smallest 7.0kW Indoor unit



Super efficient

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



Healthy air filters

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



Fujitsu is recommended by Asthma New Zealand

Catechin filter



These clever filters use static electricity to collect fine dust, invisible mould spores, pollen and harmful micro-organisms from the air.

The filter contains catechin which is highly effective against many bacteria because it suppresses the growth of bacteria absorbed by the filter.

Long-life ion deodorisation filter (optional)



This filter absorbs common household odours such as kitchen and pet smells.

Super quiet

ALL Fujitsu Hi-Wall models are equipped with 4 fan speeds including quiet fan mode, allowing some of the indoor units to operate as low as 21 decibels. In addition to this, Fujitsu's fan technology means that our models are quieter 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.



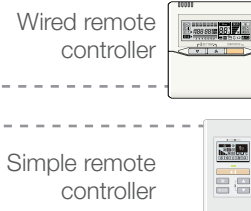
STANDARD CONTROL OPTIONS

- Four timer settings (On/Off/Program/Sleep timers)
- Easy to operate controls
- Easy-to-change across all modes



Optional remote controls

(Connection module required)



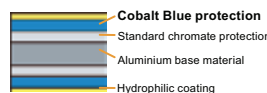
Compact outside units

Fujitsu's outside units set the industry standard for compact design yet still deliver all the power required, while efficient airflow design reduces operation noise.

Blue fin heat exchanger

65% of Kiwis live within reach of salt-laden air. That's why 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.

Blue fin heat exchanger



Compact Hi-Wall specifications

			INVERTER	INVERTER	INVERTER	INVERTER	
Model No.	Indoor Unit		ASTG09LVC*	ASTG12LVC*	ASTG18LVC*	ASTG22LVC*	
	Outdoor Unit		AOTG09LVC	AOTG12LVCB	AOTG18LVCB	AOTG22LVCB	
Cooling Capacities		kW	2.5	3.5	5.0	6.3	
Cooling Range		kW	0.5 - 3.3	0.9 - 4.0	0.9 - 5.8	0.9 - 7.3	
Heating Capacities		kW	3.4	4.8	6.0	7.2	
Heating Range		kW	0.5 - 4.0	0.9 - 5.6	1.05 - 8.1	1.05 - 8.7	
Star Rating	Cool		4.0	3.0	2.0	2.0	
	Heat		4.5	4.0	3.5	2.5	
E.E.R Cool		W/W	4.31	3.80	3.27	3.23	
C.O.P Heat		W/W	4.66	4.32	4.03	3.55	
Running Current	Cool	Amps	2.8	4.2	6.5	8.2	
	Heat	Amps	3.5	5.0	6.3	8.5	
Input Power (Max)	Cool	kW (1.24 Max)	0.58 (1.24 Max)	0.92 (1.42 Max)	1.53 (2.03 Max)	1.95 (2.75 Max)	
	Heat	kW (1.56 Max)	0.73 (1.56 Max)	1.11 (2.0 Max)	1.49 (3.19 Max)	2.03 (4.18 Max)	
Moisture Removal		L/Hr	1.3	1.8	2.6	2.7	
Fan Speeds			4				
Air Circulation (heat)		l/s	225	239	267	267	
Indoor Sound Pressure Level	Quiet	DbA at 1m	21	21	29	32	
	Low	DbA at 1m	30	30	35	37	
	Med	DbA at 1m	36	37	40	42	
	High	DbA at 1m	41	42	46	48	
Outdoor Sound Pressure Level		DbA at 1m	47	48	53	55	
Dimensions and Weights	I.U.	Height	mm				293
		Width	mm				790
		Depth	mm				225
		Net Weight	kg	9.5	9.5	9.5	12
	O.U.	Height	mm	540	540	620	620
		Width	mm	660	790	790	790
		Depth	mm	290	290	290	290
		Net Weight	kg	26	35	40	42
Outdoor Operating Temp	Cool	Degree C					10 to 46
	Heat	Degree C					-15 to 24

HOW FUJITSU EXPERTISE LEADS THE WAY

FUJITSU ARE HEAT PUMP SPECIALISTS

That's why you can rely on Fujitsu engineering to deliver all the heat you need, just when you need it. You will be as warm as toast when it's freezing outside and with the reverse cycle using the same engineering to cool and dehumidify your home environment, you will be cool and comfortable in summer.

BETTER POWER SAVINGS



Fujitsu's DC and Inverter technologies save more power than ever before.

The savings are significant, for example, with a COP of 4.66 for the ASTG09 hi-wall, you will get up to 4.66kW of heat for every 1kW of power you use.

Sounds unbelievable doesn't it, but it's true. Fujitsu also has more Energy Star® heat pumps than any other brand.

COMFORT SELECTOR™

This clever program is a free service from your Fujitsu Accredited Heat Specialist. It will show you:

- All about your home
- The perfect heat pump for you
- Cost to run (and savings comparison)
- Heat pump features and benefits
- Efficient running tips
- Better Heat™ Guarantee



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



Moisture Removal
The micro-computer is an effective air dehumidifier.



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



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



Double Swing Automatic
Complex swing action of flaps enables automatic swing in both horizontal and vertical directions.



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 Shut Louvers
The auto shut louvers 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 heat pump 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.



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



Long-life Ion deodorisation filter



Apple-Catechin Filter



Economy Mode



Filter



Washable Panel



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.



Human Sensor



Powerful Heating

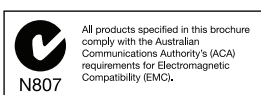


Wall (wired) Controller – Optional
Smart, easy-to-use wall (wired) controller. 7-day timer for 'set and forget'.



Energy Star – your quick guide to New Zealand's most energy efficient products

Fujitsu General proud sponsors of:



6 years (an additional full year's warranty) when you use a Heat Specialist with Fujitsu Accreditation.

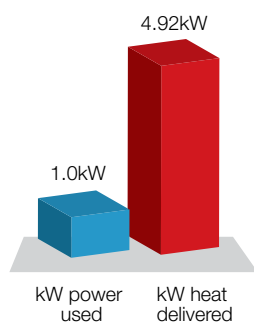
Why choose Fujitsu?



The Home Comfort Specialist

Fujitsu General has specialised in designing and producing Heat Pumps for well over 40 years. Heat Pumps is all we do!

Our advanced models are engineered to add many benefits to your home lifestyle. You will enjoy compact designs, healthy air features, leading energy savings and whisper quiet operation. In fact, you'll hardly notice your new heat pump is there – except for a warmer, healthier, very efficient and more comfortable home environment.



Heating efficiency varies by kW capacity of different models. The Example shown is for the ASTG09KMCA, which also achieves a 5 Star Energy rating.

New Zealand's most efficient heat pump range

Fujitsu has more ENERGY STAR® qualified heat pumps than any other brand (August 2015). Our commitment to energy savings is legendary, to help you choose the right energy efficient model for your home

Low running costs

With the increasing cost of power it's becoming more and more important to minimise energy consumption in the home. You already know that heat pumps are amongst the most energy efficient forms of heating, but did you know that Fujitsu leads the way in energy savings? With a new thermodynamic system on the e3 range, and additional energy saving features to ensure you will receive better economy. Our most efficient heat pump - the 3.2kW e3 model can deliver almost 5 times the heat for the amount of energy used.

That will save on your power bills!



Smartphone Control

The new PebbleAir™ from Fujitsu allows you to control your Fujitsu from your smartphone or tablet.

That means you can turn your heat pump on when you aren't at home, check and control the temperature and add a 7-day 'set-and-forget' timer function to older Fujitsu models that didn't previously have that feature.

Now you'll always come home to a warm welcome.

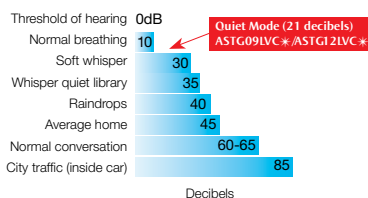


Asthma New Zealand recommends Fujitsu

A fresher, healthier home

Fujitsu has air purifying and deodorising filters across many heat pumps in the range. These filters absorb minute dust particles, invisible mould spores, pollen and so reduce harmful and allergy creating micro organisms, to give you a healthier home environment. A warm, dry and air filtered home creates a healthy environment for all the family.

Fujitsu is recommended by Asthma New Zealand.



Just QUIETLY

Latest fan technology plus 'quiet mode' means noise is not an issue with Fujitsu. Compare our decibel levels with other brands, and you'll see that even our larger models are whisper quiet. Only Fujitsu also gives you quiet mode on outside units of the e3 series too.

Compact outside units with blue fin heat exchanger

Fujitsu's outside units are more compact, with low operating noise from the efficient airflow structure.

Importantly, the Fujitsu outside unit heat exchanger fins are also specially coated with Cobalt Blue – to help protect against corrosion and enhance the durability as well as extend the performance life of your Fujitsu heat pump.

Blue fin heat exchanger

- Cobalt Blue protection
- Standard chromate protection
- Aluminium base material
- Hydrophilic coating



How Fujitsu expertise leads the way



Home Comfort Specialist

Fujitsu's advanced engineering delivers all the heat you need, just when you need it. You can be as warm as toast when it's freezing outside, and with a simple button to engage the reverse cycle mode, you can enjoy cool, dehumidified comfort in summer too.



Accredited Consultants

Fujitsu is the only company in New Zealand that runs the respected Accreditation Programme for independent heat pump consultants and installers.



Fujitsu guarantees you will get the heat you need.

To achieve Accreditation, the tradesman must satisfy Fujitsu that they have the experience, skill and equipment to recommend and install your new heat pump in accordance with the manufacturer requirements, applying sound professional trade practices.

This means that when you use an installer who has achieved our accreditation standards to install your Fujitsu heat pump, you will have the services of a real professional, and we will also give you a 6 year full parts and labour warranty – New Zealand's longest.

Comprehensive range

With more ENERGY STAR® heat pumps than any other brand, you will find the perfect match to your home and lifestyle.



Check the 'how to choose a heat pump' section on our website for tips and information on finding the heat pump that you will suit you best.

Performance Guarantee

We are so confident that you will be delighted with your new Fujitsu, that the independent heat pump consultant can offer you a written Performance Guarantee. This is additional to the product warranty - and is your assurance that the new Fujitsu Heat Pump specified for your home will deliver on its promised performance for heating, even when it's freezing.



How do you get the Performance Guarantee?



Heat pump consultants displaying the 'COMFORT SELECTOR' logo on the 'where to buy' page at www.fujitsugeneral.co.nz are equipped to offer the Performance Guarantee.

The COMFORT SELECTOR is a specialist sizing tool that is really helpful when choosing your heat pump. It will:

1. Assess everything about your home, including its location in New Zealand and your individual heating needs
2. Select the perfect model for you
3. Provide you with:
 - Quotation
 - Heat Pump running costs (it will even show you the savings you can make)
 - Heat pump features and benefits
 - Efficient running tips

So now you can be sure that your choice will be the best possible heat pump for you.

THE REPORT INCLUDES:

- All about your home
- The perfect heat pump for your home
- Running costs (and savings) - heat pump features and benefits
- Efficient running tips
- Heat Performance Guarantee
- Quotation



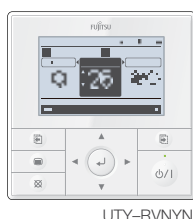


Fujitsu delivers better control

LCD Wall Controller (UTY-RVNYN)

Features:

- Includes all the control functions of the already supplied controller
- Backlit display
- 7-day programmable timer: with 8 x auto on/off scheduling possible each day
- 2 weekly settings – so can be programmed for winter and summer
- Auto-off timer – automatically turns off if left on accidentally
- Temperature limit select – so you can lessen the temperature range by single degrees
- Auto return set temperature – you can change the temperature setting within timer settings
- Economy mode – an additional economy feature
- 3 types of lock-out operation: child lock; partial lock and management lock
- Memory back-up
- Clean filter indicator



UTY-RVNYN

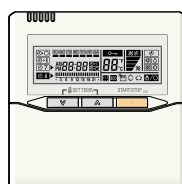
WORLD FIRST

Universal Wall Controller (UTY-RNNYN)

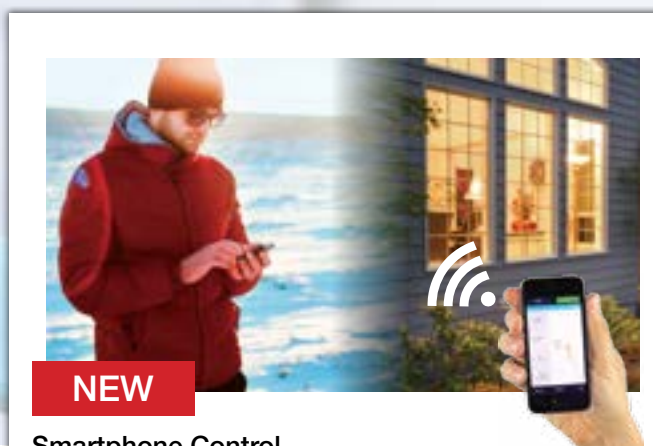
This smart optional controller is simple to use, yet has many features to add more control to your comfort with greater efficiency and convenience.

Features :

- Includes all the control functions of the already supplied controller
- 7-day programmable timer with 2 x auto on/off scheduling possible for each day
- Set-back timer, allows different temperature settings for each day
- Economy mode, saves energy by limiting maximum output
- Child lock
- Memory back-up (instant re-set) - remembers settings in case of power outages
- Clean filter indicator



UTY-RNNYN



NEW

Smartphone Control

Now it's easy to control your heat pump from your smartphone or tablet, wherever you are!

Great features!

- Controls your Fujitsu home comfort from your smartphone or tablet
- Turns your heat pump on and off, shows the room temperature and allows you to change it
- Set timers – including a 7-day timer, even on older models where this feature was not previously available
- Works on current, as well as older Fujitsu models
- Compatible with iPhones and Android smartphones, iPads and Android tablets
- Easy to set-up: 'plug-in and play'. Download the App onto your phone or tablet, plug-in the PebbleAir, pair it with your home Wi-Fi and you're ready to go!
- No installation costs, no technicians, no fuss
- Future proofed – the Pebble Air operates from the cloud to make future updates and improvements automatic on your phone App
- Patented Kiwi technology and know-how makes connection to your phone seamless and secure

Now you'll always come home to a warm welcome!

Simple Wall Controller (UTY-RSNNY)

Features:

- Basic operation function
- On/Off
- Mode change (heating/cooling)
- Temperature change: Auto: 18 to 30°C: Heating 16 to 30°C: Cooling 18 to 30°C
- Fan change: auto, high, medium, low, quiet



UTY-RSNNY

Please note that a special communication part is required when installing any optional wall controller.

Check our website for FAQ's, detailed information on how heat pumps work and our full range of models.

www.fujitsugeneral.co.nz