



COMPACT CEILING CASSETTE



AUTG18LVL*



Heating capacity: 6.0kW
Heating efficiency: COP 3.61
Cooling capacity: 5.2kW
Cooling efficiency: EER 3.33

AUTG24LVL*



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



HIGH CAPACITY CASSETTE



AUTA30LBL*



Heating capacity: 10.0kW
Heating efficiency: COP 3.61
Cooling capacity: 8.5kW
Cooling efficiency: EER 3.31

AUTA36LCL*



Heating capacity: 11.2kW
Heating efficiency: COP 3.76
Cooling capacity: 10.0kW
Cooling efficiency: EER 3.4

AUTA45LCL*

Heating capacity: 14.0kW
Heating efficiency: COP 3.66
Cooling capacity: 12.5kW
Cooling efficiency: EER 3.21

AUTG54LRL*

Heating capacity: 16.0kW
Heating efficiency: COP 3.61
Cooling capacity: 14.0kW
Cooling efficiency: EER 3.21

3Ø
Power



These powerful heaters are also very discreet, with just the grill showing in the ceiling. The compact models can fit into a standard ceiling panel, and they all incorporate the latest in fan technology to distribute the heat quickly and evenly throughout the room.

Better control

Remote Control

(UTY-LRHYA1) Standard for the Compact Cassette, optional for the Large Cassette.

Full operation control; mode, temperature setting, fan and air direction, with basic timer setting features (On timer, Off timer, On-Off timer, Off-On timer and Sleep) energy saving feature economy mode.

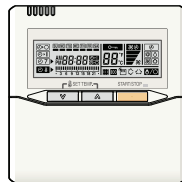


Wall Controller

(UTY-RNNYN) Standard for the Large Cassette, optional for the Compact Cassette.

Additional to the function of a remote control there are more flexible features such as;

- Weekly timer with up to 2 Start/Stop settings per day
- Setback timer which has the ability to have 2 different temperature settings each day
- Able to be used to group control up to 16 indoor units for simultaneous operation
- Room temperature sensor



LCD Wall Controller NEW

(UTY-RVNYN) Optional controller

This smart, sophisticated optional controller has all the attributes of the wall controller and then some.

- Backlight display
- 2 weekly timer settings, e.g. summer and winter weekly setting
- Up to 8 Start/Stop, mode temperature settings per day
- Multiple lockout function (child, partial, password)
- Resetting selectable temperature range
- Set temperature auto return

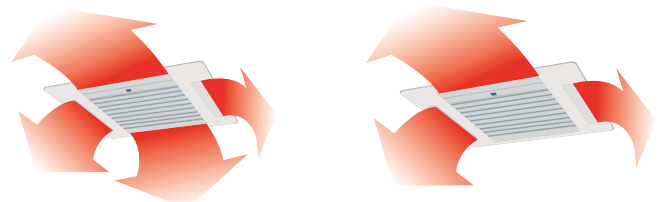


To learn more about this smart controller refer to the Wall Controller brochure.

Better airflow and comfort

3-4 way air distribution

When the indoor unit is placed in the centre of the room the 4 way airflow reaches the corners of the room. If the indoor unit is located adjacent to a wall the 3 way option can provide optimum airflow into the room also.



Reaching the whole room

Heated air quickly and evenly reaches the whole room with directional airflow technology. The indoor unit can be set to operate optimally where ceiling heights are up to 3.6m.



Large Cassette model only (high)



Large Cassette model only (standard)

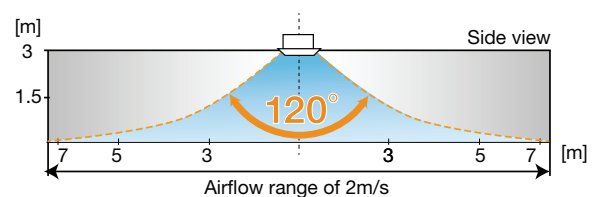


Compact Cassette model only (high)



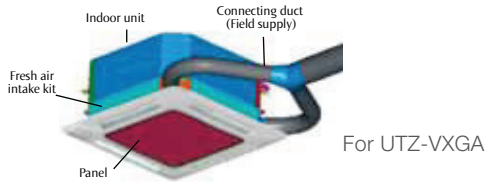
Compact Cassette model only (standard)
Large Cassette model only (low)

Large Cassette model of wide reaching airflow range.

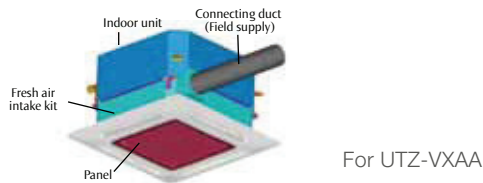


Fresh Air

When there is no facility to access fresh air it is possible to use this kit to introduce the outside air via the indoor unit.



Above is the optional Fresh Air Kit for the Large Cassette models. Note: it has 2 intake ducts.



Optional Fresh Air Kit for the Compact Cassette models. Note: it has 1 intake duct.

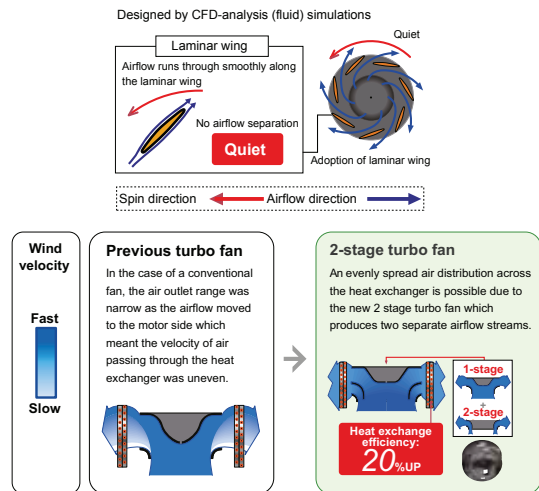
Built-in condensate pump

During cool or dry mode condensate water will be present; the built-in pump can pump the water up to 700mm (compact) or 850mm (large) above the unit to a gravity drain.

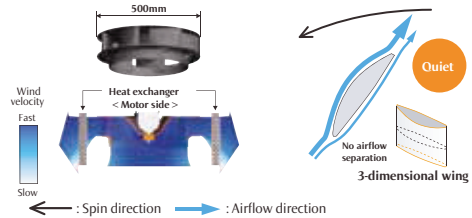


High-efficient turbo fan features

High efficiency is achieved with the Compact Cassette by equalling the performance of the wing and the air passing through the heat exchanger.



The improvement to the Large Cassette fan blade design means less turbulent noise is created and better airflow control is achieved, making for a more effective and quieter experience.



Cassette specifications

		INVERTER		INVERTER		INVERTER		INVERTER	
Model No.	Indoor Unit	AUTG18LVLA	AUTG24LVLC	Model No.	Indoor Unit	AUTG18LVLA	AUTG24LVLC	Model No.	Indoor Unit
	Outdoor Unit	AOTG18LACC	AOTG24LATC		Outdoor Unit	AOTG18LACC	AOTG24LATC		Outdoor Unit
Heating Capacities		kW	6.0	8.0	Heating Capacities		kW	10.0	12.0
Heating Range		kW	0.9 - 7.5	2.2 - 9.1	Heating Range		kW	2.7 - 11.2	4.0 - 14.0
Cooling Capacities		kW	5.2	7.1	Cooling Capacities		kW	8.5	10.0
Cooling Range		kW	0.9 - 5.9	2.9 - 8.0	Cooling Range		kW	2.8 - 10.0	3.5 - 11.2
Star Rating	Heat		2.5	2.5	Star Rating	Heat		2.5	N/A
	Cool		2.0	2.0		Cool		2.0	N/A
C.O.P Heat		W/W	3.61	3.61	C.O.P Heat		W/W	3.61	3.61
E.E.R Cool		W/W	3.33	3.29	E.E.R Cool		W/W	3.31	3.21
Running Current	Heat	Amps	7.0 (13.1 Max)	9.3 (15.7 Max)	Running Current	Heat	Amps	11.6 (17.0 Max)	12.5 (19.0 Max)
	Cool	Amps	6.6 (9.6 Max)	9.1 (15.7 Max)		Cool	Amps	10.8 (17.0 Max)	12.3 (19.0 Max)
Input Power (Max)	Heat	kW	1.66 (2.52 Max)	2.21 (2.48 Max)	Input Power (Max)	Heat	kW	2.77 (4.04 Max)	2.98 (4.66 Max)
	Cool	kW	1.56 (1.99 Max)	2.16 (2.47 Max)		Cool	kW	2.57 (4.04 Max)	2.94 (4.54 Max)
Moisture Removal		L/Hr	2.2	2.7	Moisture Removal		L/Hr	2.5	3.0
Fan Speeds			4	4	Fan Speeds			4	4
Air Circulation		l/s	222	258	Air Circulation		l/s	444	500
Indoor Sound Pressure Level	Quiet	DbA at 1m	30	33	Indoor Sound Pressure Level	Quiet	DbA at 1m	32	33
	Low	DbA at 1m	34	40		Low	DbA at 1m	36	36
	Med	DbA at 1m	38	45		Med	DbA at 1m	38	39
	High	DbA at 1m	43	49		High	DbA at 1m	40	44
Outdoor Sound Pressure Level		DbA at 1m	55	53	Outdoor Sound Pressure Level		DbA at 1m	55	54
Dimensions and Weights	I.U	Height	mm	245	Dimensions and Weights	I.U	Height	mm	288
		Width	mm	570			Width	mm	840
		Depth	mm	570			Depth	mm	840
		Net Weight	kg	15			Net Weight	kg	26
	O.U	Height	mm	620		O.U	Height	mm	830
		Width	mm	790			Width	mm	900
		Depth	mm	290			Depth	mm	330
		Net Weight	kg	41			Net Weight	kg	61
Outdoor Operating Temp	Heat	Degree C	-15 to 24	-15 to 24	Outdoor Operating Temp	Heat	Degree C	-15 to 24	-15 to 24
	Cool	Degree C	-10 to 46	-10 to 46		Cool	Degree C	-15 to 46	-15 to 46

30 Power

Being Energywise



MAY 2013

Heat pumps are one of the most efficient forms of heating available. In fact Fujitsu heat pumps can give you around 4 1/2 times more heat for the same price as running a conventional heater. But you only get the energy efficiency gains if you use your heat pump smartly – otherwise your power bill may not show much of a saving at all.

Ask your heat specialist, 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:

- Look for the blue ENERGY STAR[®] mark which shows you the most energy efficient units available, and it's no surprise that Fujitsu has more ENERGY STAR[®] heat pumps than any other brand.
- Only heat the spaces that you are actually using and shut doors and curtains to keep the heat in.



Only Fujitsu provides the written Performance Guarantee[®] - your assurance that the Fujitsu model specified with the Comfort Selector[®] will deliver on its promised performance, stipulating the temperature it will achieve in your home.

- 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.

Enjoy the better heat comfort of your Fujitsu heat pump, we know you will reap the rewards for many years to come.

Comfort Selector[®]

This clever program is a free service from your Fujitsu Accredited Heat Pump 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
- Performance Guarantee[®]



Compact Ceiling Cassettes and High Capacity Cassettes Features



Moisture Removal
The micro computer is an effective dehumidifier.



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



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 air conditioner 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.



Washable Panel



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.



ON-OFF Timer
ON-OFF timer can be set to operate once.



Connectable Distributing Duct
Conditioned air can be distributed by means of a distribution duct.



Control Port
External inputs and outputs contained within the product allow on/off control.



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.



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



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



Cooling



Heating

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 of energy used and heat delivered. For example – a COP of 3.61 means you will get 3.61kW of heat for every 1kW of energy used.

EER

Stands for "Energy Efficiency Ratio", or (more simply!) - the relationship of energy used and cooling effect delivered.

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!

FUJITSU

HEAT PUMPS

NEW ZEALAND'S FAVOURITE AIR[®]

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

Fujitsu General proud sponsors of:



New Zealand's
Most Energy Efficient
Products



6 years (an additional full year's warranty) when you use a Fujitsu Accredited Consultant.

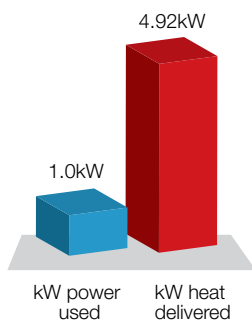
Why choose Fujitsu?



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.

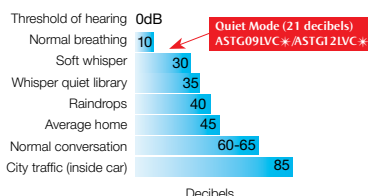


Asthma New Zealand recommends Fujitsu

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

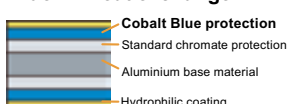
Latest fan technology plus 'quiet mode' means noise is not an issue with Fujitsu. Compare our decibel levels with other brands, and you'll see that even our larger models are whisper quiet. Only Fujitsu also gives you quiet mode on outside units of the e3 series too.

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



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



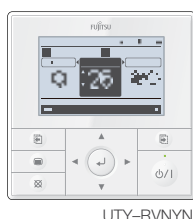


Fujitsu delivers better control

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

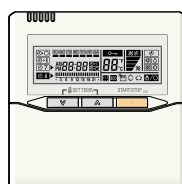
WORLD FIRST

Universal Wall Controller (UTY-RNNYN)

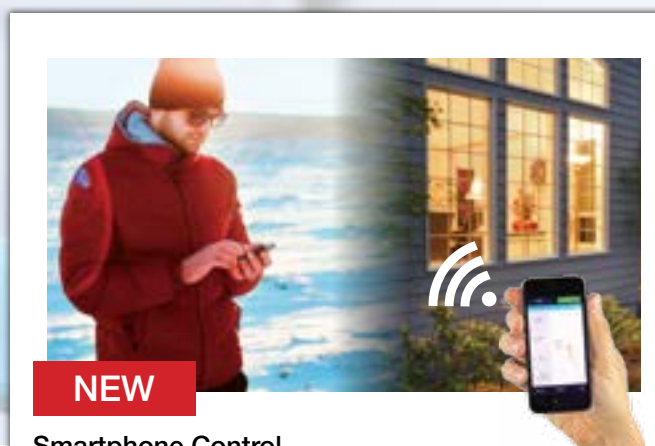
This smart optional controller is simple to use, yet has many features to add more control to your comfort with greater efficiency and convenience.

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