

FUJITSU CEILING CASSETTES



THESE CEILING CASSETTE HEAT PUMPS
ARE VERY EFFECTIVE HEATERS BUT
ALSO VERY DISCREET.



NEW ZEALAND'S FAVOURITE AIR®

FUJITSU

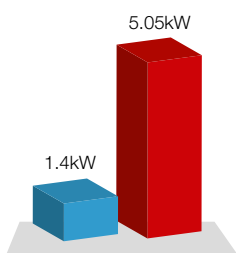
WHY CHOOSE FUJITSU



NEW ZEALAND'S HOME COMFORT SPECIALISTS

Fujitsu 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 fit seamlessly into your home lifestyle, starting with a totally comprehensive range so there is one that will perfectly suit your home and budget. You will find compact designs, healthy air features, leading energy saving features and whisper quiet operation. But what you will love most is that you'll hardly notice your new heat pump is there – except for a warmer, healthier and more comfortable home environment.



kW power used Heat delivered
(AUTG18LVL*)

Heating delivery shown is for the 6kW compact cassette.

MORE ENERGY STAR HEAT PUMPS

Fujitsu has more ENERGY STAR® qualified heat pumps than any other brand. In fact, every cassette heat pump shown in this brochure has been awarded this mark, which is only ever awarded to the top 25% most energy efficient models of heat pumps. So you can be sure that you will be choosing only the best in power savings with Fujitsu.

LOWER RUNNING COSTS

Fujitsu's DC and Inverter technologies deliver more savings than ever before. All heat pumps are energy efficient, but Fujitsu continues to lead the way with extra energy saving features that deliver environmental benefits as well as helping keep your power bill down.



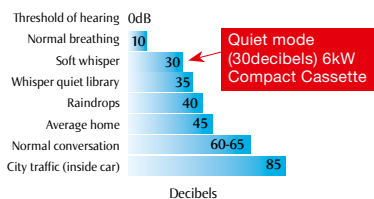
Only Fujitsu heat pumps are recommended by Asthma New Zealand

A WARM AND HEALTHIER HOME ENVIRONMENT

Enjoy your warm, dry comfort, and a healthier home environment for the whole family.

JUST QUIETLY

Brilliant fan technology plus 'quiet mode' means noise is never an issue with Fujitsu. Compare our decibel levels, and you'll see that even our larger models are whisper quiet. Quietness is a Fujitsu fact – not just an advertising claim.



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, 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





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



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.

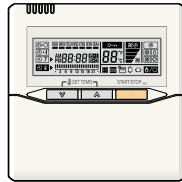


Wall Controller

(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

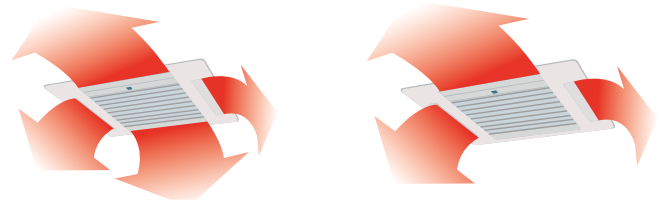


To learn more about this smart controller refer to the Wall Controller brochure.

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)

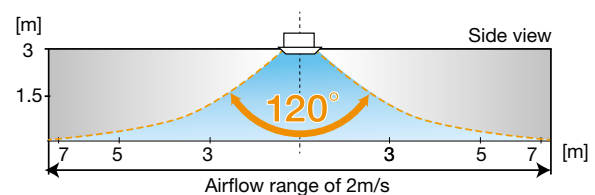


Compact Cassette model only (high)



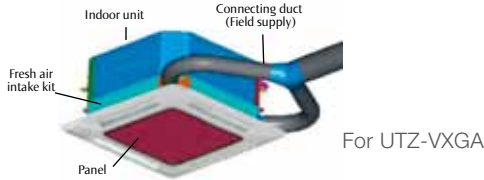
Compact Cassette model only (standard)
Large Cassette model only (low)

Large Cassette model of wide reaching airflow range.

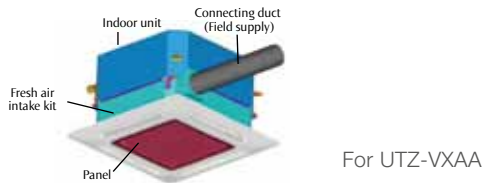


Fresh Air

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.

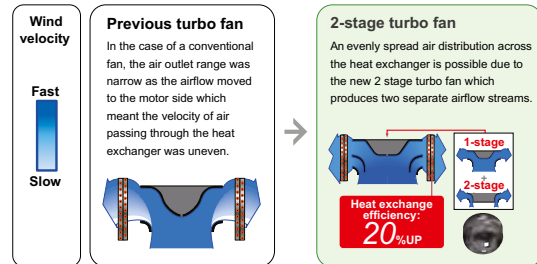
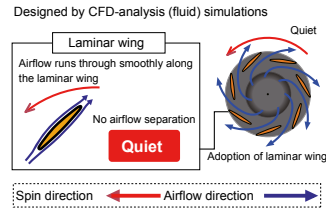
Built-in condensate pump

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.

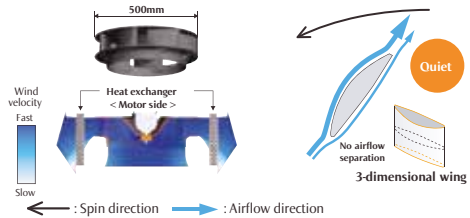


High-efficient turbo fan features

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	INVERTER	INVERTER		
Model No.	Indoor Unit	AUTG18VLVA	AUTG24VLC	AUTA30BLU	AUTA36LCU	AUTA45CLU	AUTG54LRLA		
	Outdoor Unit	AOTG18LACC	AOTG24LAC	AOTA30LGT	AOTA36LCT	AOTA45CTL	AOTG54LATT		
Heating Capacities		kW	6.0	8.0	10.0	11.2	14.0	16.0	
Heating Range		kW	0.9 - 7.5	2.2 - 9.1	2.7 - 11.2	4.0 - 14.0	4.2 - 16.2	5.8 - 18.0	
Cooling Capacities		kW	5.2	7.1	8.5	10.0	12.5	14.0	
Cooling Range		kW	0.9 - 5.9	2.9 - 8.0	2.8 - 10.0	3.5 - 11.2	4.0 - 14.0	5.4 - 16.0	
Star Rating	Heat		2.5	2.5	2.5	2.5	N/A		
	Cool		2.0	2.0	2.0	1.5	N/A		
C.O.P Heat		W/W	3.61	3.61	3.61	3.76	3.66	3.61	
E.E.R Cool		W/W	3.33	3.29	3.31	3.4	3.21	3.21	
Running Current	Heat	Amps	7.0 (13.1 Max)	9.3 (15.7 Max)	11.6 (17.0 Max)	12.5 (19.0 Max)	16.1 (20.5 Max)	6.3 (9.9 Max)	
	Cool	Amps	6.6 (9.6 Max)	9.1 (15.7 Max)	10.8 (17.0 Max)	12.3 (19.0 Max)	16.3 (20.5 Max)	6.2 (9.9 Max)	
Input Power (Max)	Heat	kW	1.66 (2.52 Max)	2.21 (2.8 Max)	2.77 (4.04 Max)	2.98 (4.66 Max)	3.83 (4.9 Max)	4.43 (6.72 Max)	
	Cool	kW	1.56 (1.99 Max)	2.16 (2.47 Max)	2.57 (4.04 Max)	2.94 (4.54 Max)	3.89 (4.9 Max)	4.36 (6.72 Max)	
Moisture Removal		L/Hr	2.2	2.7	2.5	3.0	4.5	5.0	
Fan Speeds			4	4	4	4	4	4	
Air Circulation		l/s	222	258	444	500	528	556	
Indoor Sound Pressure Level	Quiet	DbA at 1m	30	33	32	33	36	37	
	Low	DbA at 1m	34	40	36	36	40	41	
	Med	DbA at 1m	38	45	38	39	42	43	
	High	DbA at 1m	43	49	40	44	46	47	
Outdoor Sound Pressure Level		DbA at 1m	55	53	55	54	55	56	
Dimensions and Weights	I.U	Height	mm	245	245	288	288	288	288
		Width	mm	570	570	840	840	840	840
		Depth	mm	570	570	840	840	840	840
		Net Weight	kg	15	16	26	27	27	26
	O.U	Height	mm	620	830	830	1,290	1,290	1,290
		Width	mm	790	900	900	900	900	900
		Depth	mm	290	330	330	330	330	330
		Net Weight	kg	41	60	61	86	86	104
Outdoor Operating Temp	Heat	Degree C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
	Cool	Degree C	-10 to 46	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	

30 Power

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.

- 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.



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.

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.	Automatic Air Flow Adjustment The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.	Sleep Timer The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.	Control Port External inputs and outputs contained within the product allow on/off control.
Up/Down Swing Louvers The up/down flaps 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.	Program Timer This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.	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.
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.	ON-OFF Timer ON-OFF timer can be set to operate once.	Wall (Wired) Controller – Optional Smart, easy-to-use wall (wired) controller. 7-day timer for 'set and forget'.
Auto Shut Louvers The auto shut louvers close or open automatically when the unit stops or starts.	Washable Panel	Connectable Distributing Duct Conditioned air can be distributed by means of a distribution duct.	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!



NEW ZEALAND'S FAVOURITE AIR®

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Fujitsu General proud sponsors of:



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