

Heat Pump Catalogue

**NZ'S MOST
ENERGY EFFICIENT
HEAT PUMP RANGE
INCLUDING THE
BRILLIANT e3 SERIES**



**NOW YOU CAN CONTROL
YOUR HOME COMFORT FROM
YOUR SMARTPHONE**

**SMARTPHONE
CONTROL
AVAILABLE NOW!**

Come Home to Fujitsu Comfort

The Home Comfort Specialist

FUJITSU

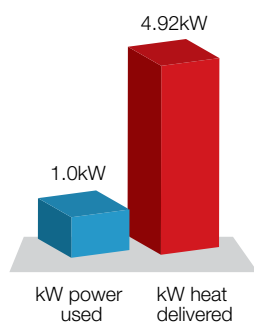
Why choose Fujitsu?



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.

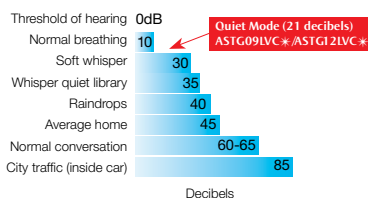


Asthma New Zealand recommends Fujitsu

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



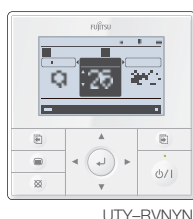


Fujitsu delivers better control

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

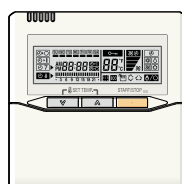
WORLD FIRST

Universal Wall Controller (UTY-RNNYN)

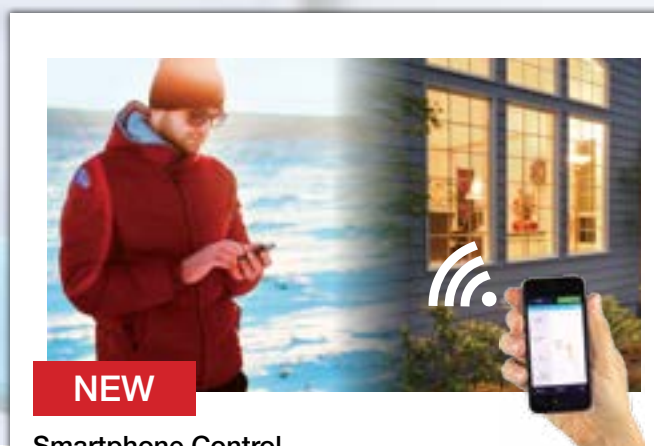
This smart optional controller is simple to use, yet has many features to add more control to your comfort with greater efficiency and convenience.

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



e3TM series

New levels of efficiency in heating and cooling



ASTG09KMC*

Heating capacity: 3.2kW
Heating efficiency: COP 4.92
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.90

ASTG12KMC*

Heating capacity: 3.7kW
Heating efficiency: COP 4.57
Cooling capacity: 3.5kW
Cooling efficiency: EER 4.07



ASTG18KMC*

Heating capacity: 6.0kW
Heating efficiency: COP 4.23
Cooling capacity: 5.0kW
Cooling efficiency: EER 4.10

ASTG22KMC*

Heating capacity: 7.2kW
Heating efficiency: COP 4.07
Cooling capacity: 6.0kW
Cooling efficiency: EER 3.77

ASTG24KMC*

Heating capacity: 8.0kW
Heating efficiency: COP 3.77
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.53

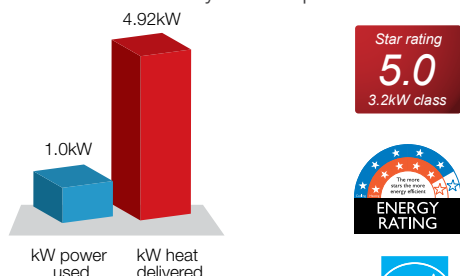


ASTG18, 22, 24KMC models only >

The Fujitsu e3™ series uses a new thermodynamic system to heat or cool your home environment. This system will deliver more heat for your dollar than previous systems. Even better, this system also delivers environmental improvements with reduced global warming potential and zero ozone depletion potential.

BRILLIANT ENERGY SAVING

Totally new thermodynamic system can deliver up to 4.92 kW of heat for every 1kW of power.



Heating efficiency varies by kW capacity of the model. The example shown is for ASTG09KMCA (3.2kW). See specifications for the COP of all models.

MORE FEATURES!

Power Diffuser

Automatically adjusts to optimise heating or cooling mode



Human Sensor

For even more energy savings. Detects human presence and adjusts accordingly.



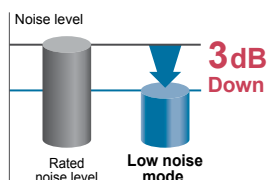
Better Control (controller on heat mode)

- 7-day timer
- Powerful operation mode (for fast heating)
- Sleep timer – adjusts to your sleeping patterns
- Optional wall controllers also available (with communication link kit UTY-XCBXZ2 for 9 and 12 models and UTY-TWBXF1 for the larger models)



Quieter outside!

- Low noise mode for outdoor unit



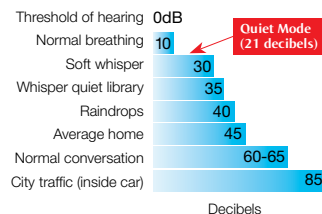
With the Fujitsu features you expect:

- Healthy air with advanced polyphenal catechin air cleaning filters

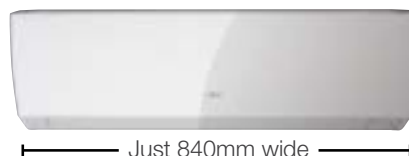


Fujitsu is recommended by Asthma New Zealand

- Quieter than a human whisper



- Slim and elegant design



CONTROLLERS

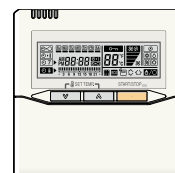
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNNY

See page 5 for detailed features of each controller.

Optional wall controllers also available (with communication link kit UTY-XCBXZ2 for 9 and 12 models and UTY-TWBXF1 for the larger models).

e3™ series specifications

Model No.	Indoor Unit		ASTG09KMCA	ASTG12KMCA	ASTG18KMCA	ASTG22KMCA	ASTG24KMCA
	Outdoor Unit		AOTG09KMCA	AOTG12KMCA	AOTG18KMCA	AOTG22KMCA	AOTG24KMCA
CAPACITY (RANGE)	HEAT	kW	3.2 (0.90 - 5.30)	3.7 (0.90 - 5.60)	6.0 (1.05 - 8.30)	7.20 (1.10 - 9.70)	8.0 (1.10 - 10.60)
	COOL	kW	2.5 (0.90 - 3.60)	3.5 (0.90 - 4.10)	5.0 (1.00 - 6.50)	6.0 (1.10 - 7.50)	7.10 (1.10 - 8.30)
INPUT POWER	HEAT/COOL	kW	0.65 / 0.51	0.81 / 0.86	1.42 / 1.22	1.77 / 1.59	2.12 / 2.01
	COP	HEAT	4.92	4.57	4.23	4.07	3.77
EER	COOL	kW	4.90	4.07	4.10	3.77	3.53
	STAR RATING	HEAT	5.0	4.5	3.5	3.5	3.0
	COOL		5.0	3.5	3.5	3.0	2.5
RUN CURRENT	HEAT/COOL	A	3.3 / 2.7	4.0 / 4.2	6.0 / 5.2	7.5 / 6.7	9.0 / 8.5
	MOISTURE REMOVAL	L/Hr	1.3	1.8	2.6	2.7	2.7
NOISE INDOOR Q/LM/H	COOL	dB(A)	21/31/36/40	21/32/37/42	29/35/40/46	32/37/42/48	32/37/42/49
	NOISE OUTDOOR		47	49	47	49	52
AIR CIRCULATION	INDOOR	l/s	194	200	258	278	311
	INDOOR	mm	268 x 840 x 203			295 x 940 x 270	
DIMENSIONS AND WEIGHTS		kg	8.5			14	
	OUTDOOR	mm	540 x 790 x 290			620 x 790 x 290	
		kg	34			40	
PIPE CONNECTIONS		mm	6.35 / 9.52			6.35 / 12.70	
MAXIMUM PIPE LENGTH (PRECHARGED)		m	20 (20)			30 (20)	
MAX PIPE HEIGHT		m	15			20	
OPERATION RANGE	HEAT	degree				-15 to 24	
	COOL					10 to 46	
REFRIGERANT						R32	

Compact Hi-Wall Premier



ASTG09LVC*

Heating capacity: 3.4kW
Heating efficiency: COP 4.66
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.3



ASTG12LVC*

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



ASTG14LUC* (Premier Plus)

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



ASTG18LVC*

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



ASTG22LVC*

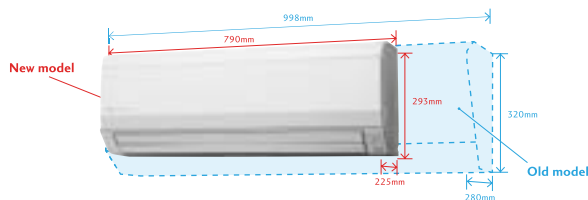
Heating capacity: 7.2kW
Heating efficiency: COP 3.55
Cooling capacity: 6.3kW
Cooling efficiency: EER 3.23



This extremely popular heat pump range is very compact with smart flat panels outside and of advanced engineering inside. Fantastic energy savings are achieved with Fujitsu's improved heat exchange technology and the units also offer near silent operation, healthy fresh air filters and many extra features.

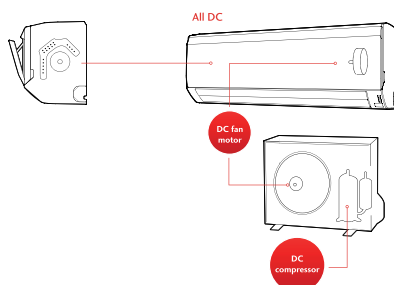
Compact design

New Zealand's most compact 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

Air cleaning filters

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.

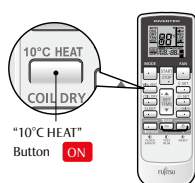
The filter contains catechin, which suppresses the growth of bacteria absorbed to the filter.

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 21 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

Wall controller options

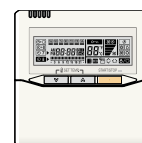
In addition to the standard remote controller (above), there are optional wall controllers available.

The 7-day Programmable Timer



UTY-RVNYN

Universal Wall Controller



UTY-RNNYN

Simple Wall Controller



UTY-RSNYN

See page 5 for detailed features of each controller.

Optional wall controllers require the communication link (UTY-TWBXF).

Compact outside units too

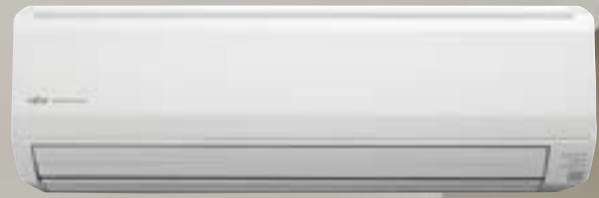
Fujitsu's outside units set the industry standard for compact design, yet still deliver all the power required, with efficient airflow engineering that reduces operation noise. Fujitsu's outside heat exchange units are coated with a blue corrosion resistant material to enhance durability and help extend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

Model ASTG14LU

This "premier plus" model includes the added energy saving features of 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 (1.10 - 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 / 0.91	1.47 / 1.25	1.49 / 1.53	2.03 / 1.95
COP	HEAT	kW	4.66	4.32	3.67	4.03	3.55
EER	COOL	kW	4.31	3.80	3.36	3.27	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
FAN SPEEDS			4				
NOISE INDOOR 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
NOISE OUTDOOR			47	48	50	46	48
AIR CIRCULATION	INDOOR	l/s	225	239	264	267	267
DIMENSIONS AND WEIGHTS	INDOOR	mm	293 x 790 x 225	293 x 790 x 225	282 x 870 x 185	293 x 790 x 225	293 x 790 x 225
		kg	9.5	9.5	9.5	9.5	10
	OUTDOOR	mm	620 x 790 x 290	620 x 790 x 290	540 x 790 x 290	620 x 790 x 290	620 x 790 x 290
		kg	25	34	34	37	40
OPERATION RANGE	HEAT	degree	-15 to 24				
	COOL	degree	10 to 46				



Hi-Wall Premier – Large capacity LFC series



ASTG24LFC*

Heating capacity: 8.0kW
Heating efficiency: COP 3.54
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.33



ASTG30LFC*

Heating capacity: 9.0kW
Heating efficiency: COP 3.41
Cooling capacity: 8.0kW
Cooling efficiency: EER 3.31



ASTG34LFC*

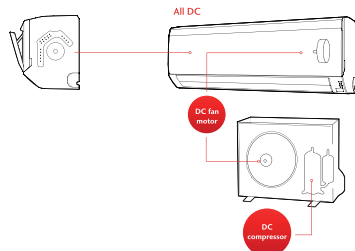
Heating capacity: 10.0kW
Heating efficiency: COP 3.3
Cooling capacity: 9.2kW
Cooling efficiency: EER 3.29



These smart looking models pack a punch with very powerful performance, but are still super energy efficient. In fact, Fujitsu has delivered one of the best power savings of all time. They will heat large areas effortlessly yet give you the quietness, energy savings and the extra features you'd expect from Fujitsu.

Super efficient with all DC engineering

Significantly higher energy efficiency has been achieved with Fujitsu's DC twin rotary compressor, DC Inverter control and DC fan motor technologies. This gives infinite control over motion speeds.



Healthy air filters

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



Fujitsu is recommended by Asthma New Zealand

Poly Catechin air cleaning filter

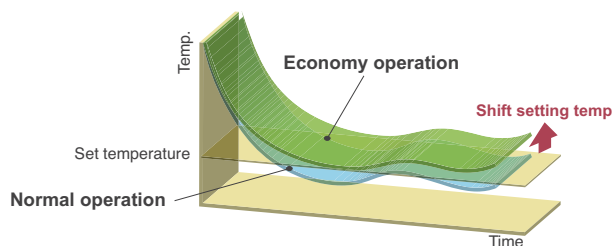
The polyphenol catechin air cleaning filter uses static electricity to clean fine particles and dust in the air such as tobacco smoke, plant pollen and allergens that are too small to see. The filter contains catechin, which suppresses the growth of the bacteria absorbed to the filter.

Negative air ions deodorising filter

This special filter comprises of super micro particles which can produce negative air ions which deodorise and absorb cooking, pet and other smells.

Economy mode

The economy mode will save energy (up to 30% of normal mode). It can be switched on once the indoor unit is operating, can lower the set-temperature a little during heating and raise it a little higher during cooling.



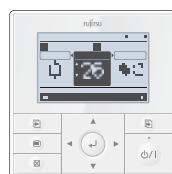
Super quiet

ALL Fujitsu wall mounted 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.

CONTROLLERS

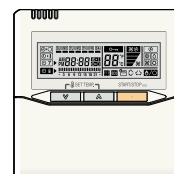
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

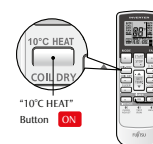


UTY-RSNYN

See page 5 for detailed features of each controller.

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.



Hi-Wall Premier specifications

Model No.	Indoor Unit		ASTG24LFCC	ASTG30LFCC	ASTG34LFCC
	Outdoor Unit		AOTG24LFC	AOTG30LFTC	AOTG34LFTC
CAPACITY (RANGE)	HEAT	kW	8.0 (0.90 - 10.60)	9.0 (2.20 - 11.0)	10.0 (2.70 - 11.20)
	COOL	kW	7.1 (0.90 - 8.30)	8.0 (2.90 - 9.0)	9.2 (2.90 - 10.0)
INPUT POWER	HEAT/COOL	kW	2.26 / 2.04	2.64 / 2.42	3.03 / 2.80
COP	HEAT	kW	3.54	3.41	3.30
EER	COOL	kW	3.27	3.31	3.29
STAR RATING	HEAT		2.5	2.0	2.0
	COOL		2.0	2.0	2.0
RUN CURRENT	HEAT/COOL	A	9.5 / 9.1	11.1 / 10.2	12.8 / 11.8
MOISTURE REMOVAL		L/Hr	2.7	3.2	3.5
FAN SPEEDS			4		
NOISE INDOOR Q/L/M/H	HEAT	dB(A)	32/37/42/48	33/37/42/49	34/37/42/52
	COOL		55	53	53
AIR CIRCULATION	INDOOR	l/s	311	319	339
DIMENSIONS AND WEIGHTS	INDOOR	mm	320 x 998 x 238		
		kg	14		
	OUTDOOR	mm	620 x 790 x 290	830 x 900 x 330	1,290 x 900 x 330
OPERATION RANGE	HEAT	degree	-15 to 24		
	COOL		-10 to 46		



Nocria Ceiling Wall



AWTZ14LBC

Heating capacity: 6.0kW
 Heating efficiency: COP 4.44
 Cooling capacity: 4.2kW
 Cooling efficiency: EER 4.12



AWTZ18LBC

Heating capacity: 6.7kW
 Heating efficiency: COP 4.11
 Cooling capacity: 5.2kW
 Cooling efficiency: EER 3.29



AWTZ24LBC

Heating capacity: 8.5kW
 Heating efficiency: COP 3.62
 Cooling capacity: 7.4kW
 Cooling efficiency: EER 3.01



A world exclusive heat pump that is less obtrusive because it sits higher on the wall (just under the ceiling). It has revolutionary features, including vastly improved heating and cooling efficiencies, brilliant filtration systems and automatic filter cleaning - it even cleans itself!

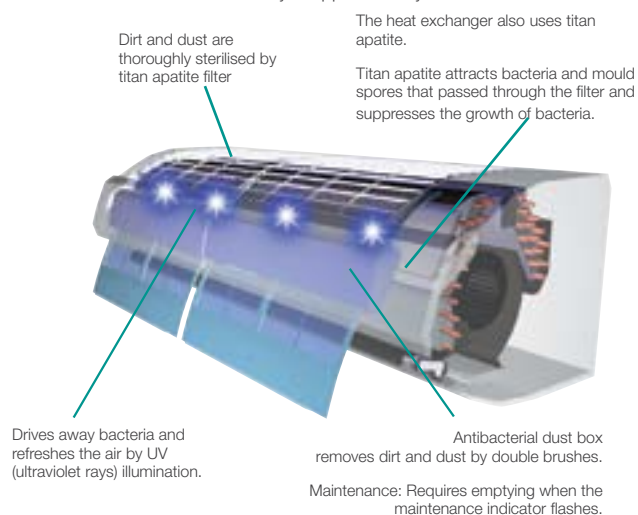
Automatic filter cleaner

WORLD FIRST

The Nocria filter is the world's most advanced. Not only are dust and allergens such as pollen, dust mite carcasses and mould spores collected in the filter, but an ultraviolet illuminator is used to sterilise the bacteria. So your home environment is not only cleaner and fresher, but is much healthier too.

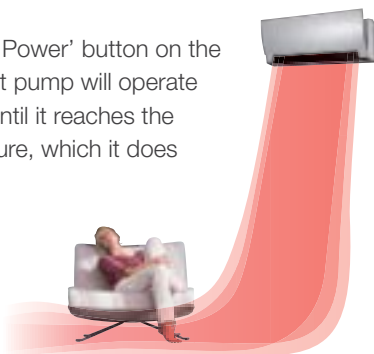
The filter is cleaned automatically – so you don't have to clean it yourself, but most importantly, the heat pump will continue to operate at 100% efficiency because it will not become clogged.

Entire filter is cleaned automatically in approximately 2 minutes.



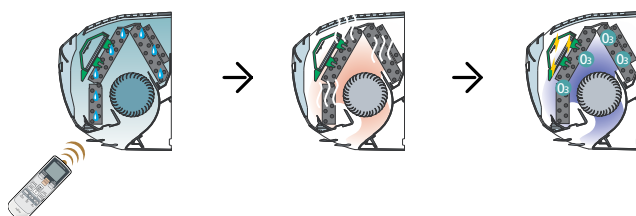
Hi power operation

When you push the 'Hi Power' button on the remote control, the heat pump will operate at maximum capacity until it reaches the desired room temperature, which it does quickly and efficiently.



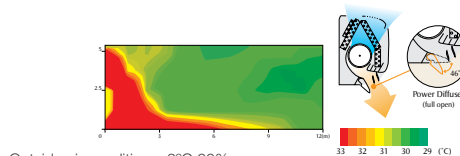
Coil drying operation

By drying the heat exchanger for approximately 18 minutes and then 2 minutes of UV filter cleaning, the Coil drying operation will prevent the growth of mold, fungus and bad odours in the unit.



Air flow performance

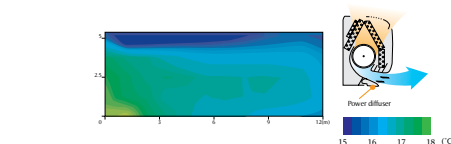
Strong vertical air flow provides powerful floor level heating.



Outside air conditions: 2°C 60%

Operation contents: Heating, Set temperature (Max set temp) 30°C, Air flow Hi, Air direction downward and front

Healthy horizontal air flow does not blow cool air directly at the occupants in the room.

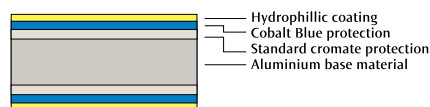


Outside air conditions: 35°C 40%

Operation contents: Cooling, Set temperature (Min set temp) 18°C, Air flow Hi, Air direction downward and front

Cobalt blue heat exchanger

The outdoor units are more compact, and the fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



Fujitsu is recommended by Asthma New Zealand



Nocria specifications

Model No.	Indoor Unit		AWTZ14LBC	AWTZ18LBC	AWTZ24LBC
	Outdoor Unit		AOTZ14LBL	AOTZ18LBL	AOTZ24LBT
CAPACITY (RANGE)	HEAT	kW	6.0 (0.90 - 9.10)	6.7 (0.90 - 9.70)	8.5 (0.90-11.0)
	COOL	kW	4.2 (0.90 - 5.30)	5.2 (0.90 - 5.90)	7.4 (0.90 - 8.0)
INPUT POWER	HEAT/COOL	kW	1.35 / 1.02	1.63 / 1.58	2.35 / 2.46
COP	HEAT	kW	4.44	4.11	3.62
EER	COOL	kW	4.12	3.29	3.21
STAR RATING	HEAT		4.0	3.0	2.5
	COOL		3.0	1.5	1.0
RUN CURRENT	HEAT/COOL	A	5.7 / 4.3	6.9 / 6.6	9.9 / 10.4
MOISTURE REMOVAL		L/Hr	2.1	2.8	3.0
FAN SPEEDS			5		
NOISE INDOOR Q/L/M/H	HEAT	dB(A)	29/34/39/46	29/34/39/46	36/40/43/47
NOISE OUTDOOR			47	48	54
AIR CIRCULATION	INDOOR	l/s	261	261	272
DIMENSIONS AND WEIGHTS	INDOOR	mm	250 x 899 x 298		
		kg	13.5	13.5	14
	OUTDOOR	mm	578 x 790 x 300	578 x 790 x 300	830 x 900 x 300
		kg	39	39	62
OPERATION RANGE	HEAT	degree	-15 to 24		
	COOL		-10 to 43		



Compact Floor Console



AGTV09LAC

Heating capacity: 3.5kW
 Heating efficiency: COP 4.32
 Cooling capacity: 2.6kW
 Cooling efficiency: EER 4.33



Dual fans heat twice as fast



AGTV14LAC

Heating capacity: 5.2kW
 Heating efficiency: COP 3.61
 Cooling capacity: 4.2kW
 Cooling efficiency: EER 3.44



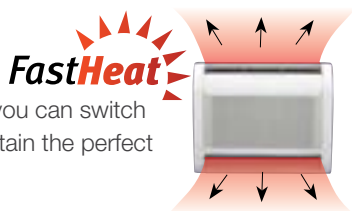
Dual fans heat twice as fast



Our smart floor console is has dual fans to deliver very fast heating. It is compact and elegant, yet surprisingly efficient and effective. As you'd expect from Fujitsu, it is super quiet and has many features including the latest in air cleaning filters for a healthier home, and compact outdoor units too.

Dual fans

The dual fans heat twice as fast on start-up. Then you can switch off the bottom fan to maintain the perfect temperature efficiently.



Compact design

At just 60cm high and 74cm long, this model is discreet and attractive. It can be used to replace night storage heaters or wall heaters.



10°C hold temperature

Your heat pump can be set so that the temperature never goes below 10°C, meaning your room will never get too cold.



Coil dry button

Prevents mould and bacteria growing on the indoor heat exchanger, for a cleaner healthier environment.

Apple-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 by suppressing the growth of the bacteria absorbed by the filter.

Long-life ion deodorisation filter



The filter absorbs common household odours including kitchen and pet smells by powerfully absorbing and decomposing them.



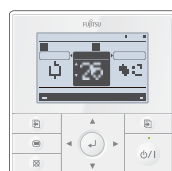
Economy mode

The economy mode will save energy (up to 30% of normal mode). Maintaining a slightly higher temperature in Cool mode and lower temperature in Heat mode, as well as limiting maximum current.

CONTROLLERS

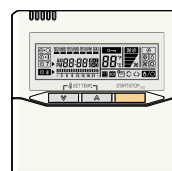
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

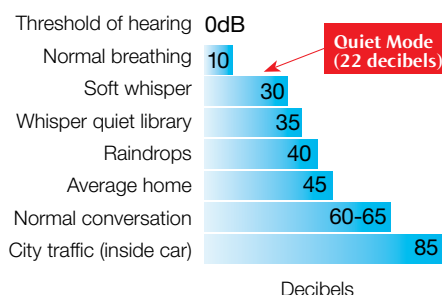


UTY-RSNYN

See page 5 for detailed features of each controller.

Super quiet

An industry leader in quietness – with quiet mode at just 22 decibels - quieter than a human whisper.



Compact Floor Console specifications

Model No.	Indoor Unit		AGTV09LAC	AGTV14LAC
	Outdoor Unit		AOTV09LAC	AOTV14LAL
CAPACITY (RANGE)	HEAT	kW	3.5 (0.90 - 5.50)	5.2 (0.90 - 8.0)
	COOL	kW	2.6 (0.90 - 3.50)	4.2 (0.90 - 5.0)
INPUT POWER	HEAT/COOL	kW	0.81 / 0.60	1.44 / 1.22
COP	HEAT	kW	4.32	3.61
EER	COOL	kW	4.33	3.44
STAR RATING	HEAT		3.5	2.5
	COOL		3.5	2.0
RUN CURRENT	HEAT/COOL	A	3.8 / 2.8	6.1 / 5.3
MOISTURE REMOVAL		L/Hr	1.3	2.1
FAN SPEEDS			4	
NOISE INDOOR Q/L/M/H	HEAT	dB(A)	22/29/35/40	22/29/37/43
NOISE OUTDOOR			48	50
AIR CIRCULATION	INDOOR	l/s	167 upper & lower	181 upper & lower
DIMENSIONS AND WEIGHTS	INDOOR	mm	600 x 740 x 200	
		kg	14	
	OUTDOOR	mm	540 x 790 x 290	540 x 790 x 300
		kg	40	44
OPERATION RANGE	HEAT	degree	-15 to 24	
	COOL	degree	-10 to 43	



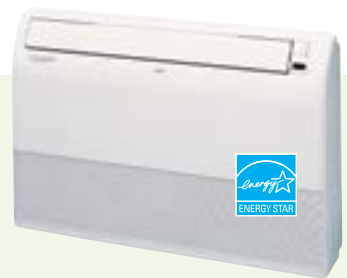
High Capacity Floor Console Range

(THE EXTREME RANGE)



ABTG18LVT*

Heating capacity: 6.0kW
 Heating efficiency: COP 3.61
 Cooling capacity: 5.20kW
 Cooling efficiency: EER 3.44



ABTG24LVT*

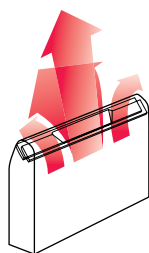
Heating capacity: 8.0kW
 Heating efficiency: COP 3.61
 Cooling capacity: 7.1kW
 Cooling efficiency: EER 3.32



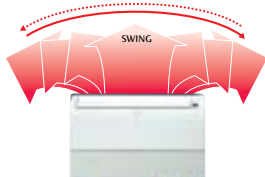
The Inverter Floor Consoles are very powerful heaters, yet still highly efficient, slim and lightweight. Despite their capacity to heat large areas effortlessly, they are whisper quiet, smart with compact outside unit. They are often used to replace night storage heaters, and can also be installed on the floor or ceiling outside units are compact and quiet.

Super vane / double auto swing

The double-louver feature boosts airflow with combination up/down and left/right direction swing, giving you 3 dimensional control and heating for every corner of your chosen room.

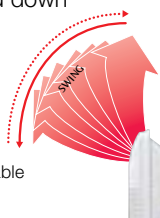


Right and left



5 selectable positions

Up and down



7 selectable positions

High capacity heating

These superb heaters deliver fast and effective heat, right down to -15°C.

OUTDOOR TEMPERATURE	
HEATING	COOLING
-15°C to 24°C	-10°C to 46°C

Very efficient

They have super-quick defrost, and still also deliver outstanding cost efficiency – returning \$5.40 worth of heat for every \$1.40 of power used.

Flexible installation



Floor

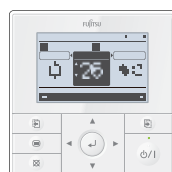


Under Ceiling

CONTROLLERS

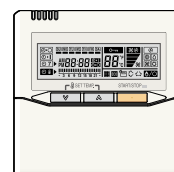
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

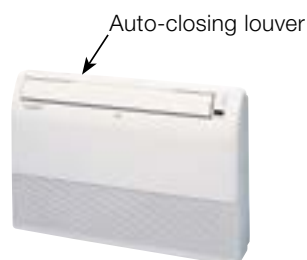


UTY-RSNNY

See page 5 for detailed features of each controller.

Auto-closing louver

This function is common to all Fujitsu models except the duct type.



Floor Console specifications

Model No.	Indoor Unit		ABTG18LVTA	ABTG24LVTC
	Outdoor Unit		AOTG18LACC	AOTG24LATC
CAPACITY (RANGE)	HEAT	kW	6.0 (0.90 - 7.50)	8.0 (2.20 - 9.10)
	COOL	kW	5.2 (0.90 - 5.90)	7.1 (2.90 - 8.0)
INPUT POWER	HEAT/COOL	kW	1.66 / 1.51	2.21 / 2.28
COP	HEAT	kW	3.61	
EER	COOL	kW	3.44	3.32
STAR RATING	HEAT		2.5	2.5
	COOL		2.0	2.0
RUN CURRENT	HEAT/COOL	A	7.0 / 6.4	9.3 / 9.0
MOISTURE REMOVAL		L/Hr	2.0	2.7
FAN SPEEDS			4	
NOISE INDOOR Q/L/M/H	HEAT	dB(A)	32/35/41/44	36/41/45/49
NOISE OUTDOOR			56	54
AIR CIRCULATION	INDOOR	l/s	217	272
DIMENSIONS AND WEIGHTS	INDOOR	mm	655 x 990 x 199	
		kg	27	
	OUTDOOR	mm	620 x 790 x 290	830 x 900 x 330
		kg	41	60
OPERATION RANGE	HEAT	degree	-15 to 24	
	COOL	degree	-10 to 46	



Compact Cassette



AUTG18LVL*

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



AUTG24LVL*

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

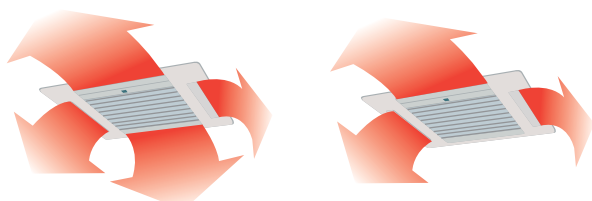


The cassette models sit in the ceiling, so they are almost invisible. But you'll feel the comfort, with 4-way air distribution (which can be configured to suit your room), and turbo fan technology which will heat (or cool and dehumidify in summer) the whole room quickly and efficiently.

3 or 4-way air distribution

With 4-way air distribution, strong airflow and quick temperature change is realised when the indoor unit is placed at the centre of the room.

If the indoor unit is to be located adjacent to a wall, an optional 3-way air outlet configuration can be made to ensure optimum airflow into the same room is maintained.

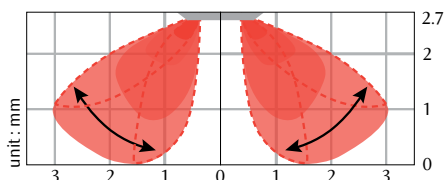


Air flow

Air reaches whole room with ceilings of up to 3.0m



Air is spread widely to reach room corners.



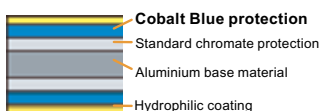
Very efficient

The compact cassette delivers high capacity heating, quietly and efficiently. You will enjoy power savings (up to \$3.60 worth of heating for every \$1 you spend on power), to help reduce your power bills.

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

Blue fin heat exchanger



CONTROLLERS

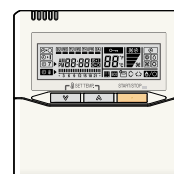
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNYN

See page 5 for detailed features of each controller.

extend the performance life of your heat pump.

Compact outside units

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

Invisible comfort

The compact cassette is hidden inside the ceiling, with only the grill showing. So you feel the comfort, but not see or hear it.


Compact Cassette specifications

Model No.	Indoor Unit		AUTG18LVLA	AUTG24LVLC
	Outdoor Unit		AOTG18LACC	AOTG24LATC
CAPACITY (RANGE)	HEAT	kW	6.0 (0.90 - 7.50)	8.0 (2.20 - 9.10)
	COOL	kW	5.2 (0.90 - 5.90)	7.1 (2.90 - 8.0)
INPUT POWER	HEAT/COOL	kW	1.66 / 1.56	2.21 / 2.16
COP	HEAT	kW		3.61
EER	COOL	kW	3.33	3.29
STAR RATING	HEAT			2.5
	COOL			2.0
RUN CURRENT	HEAT/COOL	A	7.0 / 6.6	9.3 / 9.1
MOISTURE REMOVAL		L/Hr	2.2	2.7
FAN SPEEDS				4
NOISE INDOOR Q/L/M/H	HEAT	dB(A)	30/34/38/43	33/40/45/49
	NOISE OUTDOOR		56	54
AIR CIRCULATION	INDOOR	l/s	217	272
DIMENSIONS AND WEIGHTS			245 x 570 x 570	
	INDOOR	mm		
		kg	15	16
	OUTDOOR	mm	620 x 790 x 290	830 x 900 x 330
OPERATION RANGE		kg	41	60
	HEAT	degree	-15 to 24	-10 to 46
	COOL			

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 a new Thermal Dynamic system that is more efficient, as well as better for the environment 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:











- Look for the blue ENERGY STAR® mark which informs you which products have qualified as having Superior Energy Efficiency. 
- 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.
- 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 by adjusting the current waveform to a better sine waveform.
-  **Demand Control:** Restrict the operation of air conditioner base on the demand of energy provider in order to cut the peak load.
-  **Human sensor:** Human sensor catches movements of people in a room.
-  **Up / down swing flaps:** The up/down flaps automatically swing up and down.
-  **Double swing automatic:** Complex swing action of flaps enables automatically to 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.
-  **Right/Left swing louvers:** The right/left flaps automatically swing in either direction.
-  **Economy mode**
-  **Moisture removal:** The computer 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-changover:** 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 operation current, and performs operation with the power consumption suppressed.
-  **Powerful mode:** Operation 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.
-  **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.
-  **Polyphenol Catechin filter**

-  **ON-OFF timer:** Can be set to operate once.
-  **Weekly timer:** 4 different ON-OFF times can be set every day for up to 7 days. Just set and forget!
-  **Filter sign:** Indicates the filter cleaning period by lamp.
-  **Long-life ion deodorisation filter:** The filter deodorises by powerfully decomposing absorbed odors using the oxidising and reducing effects of ions generated by the ultra-fine-particle ceramic.
-  **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 Smart, 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.
-  The **ENERGY STAR®** label identifies products and appliances with superior energy efficiency. To see which heat pumps have qualified for the ENERGY STAR®, you can check the EECa website here: <https://www.energywise.govt.nz/tools/energy-star/#/heatpump>



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 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!

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Why Fujitsu?



NZ's longest warranty



Fujitsu is recommended by Asthma New Zealand

Healthier home



Superior Energy Efficiency



Independently awarded as NZ's leading iconic and trusted heat pump brand.

Trusted brand 2014 | 2015



The Home Comfort Specialist