

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

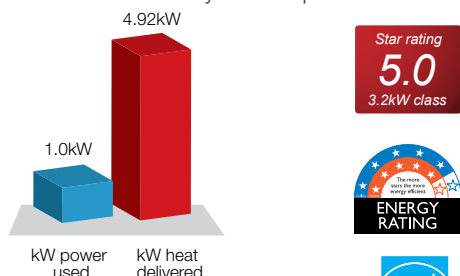


ASTG18, 22, 24KMC models only >

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.



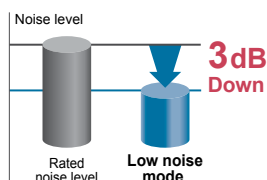
Better Control (controller on heat mode)

- 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



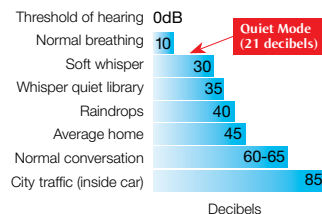
With the Fujitsu features you expect:

- Healthy air with advanced polyphenal catechin air cleaning filters

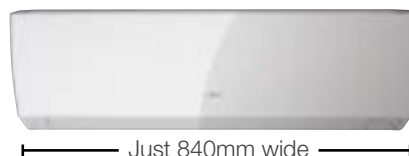


Fujitsu is recommended by Asthma New Zealand

- Quieter than a human whisper



- Slim and elegant design



CONTROLLERS

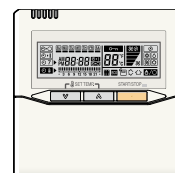
Wall controller options

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
STAR RATING	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	

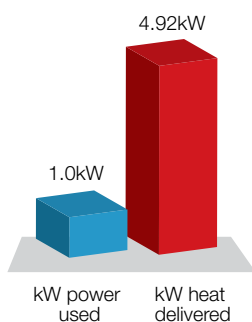
Why choose Fujitsu?



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.

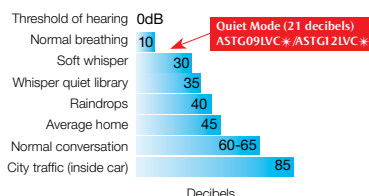


Asthma New Zealand recommends Fujitsu

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



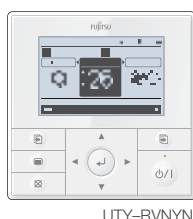


Fujitsu delivers better control

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

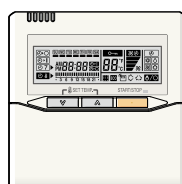
WORLD FIRST

Universal Wall Controller (UTY-RNNYN)

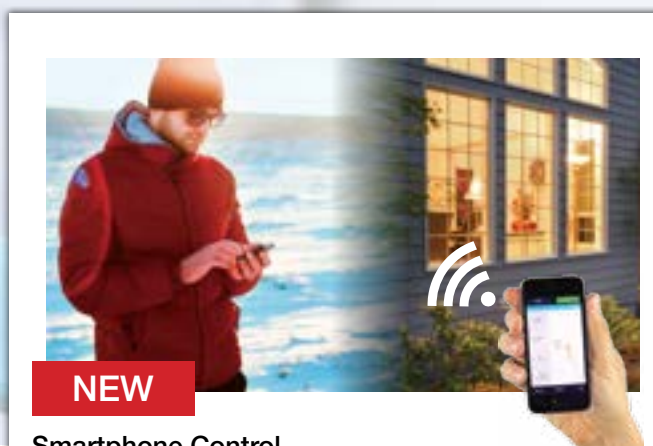
This smart optional controller is simple to use, yet has many features to add more control to your comfort with greater efficiency and convenience.

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