

Heat Pump Catalogue



Come Home to Fujitsu Comfort

FUJITSU

HEAT PUMPS | AIR CONDITIONING

LOOK WHAT'S BEHIND



YOUR FUJITSU



TEAMS OF SPECIALIST ENGINEERS AND DESIGNERS IN JAPAN.

It's Fujitsu's specialist expertise that makes our Heat Pumps so compact, efficient and quiet.



HEALTHY AIR FILTERS. Fujitsu's advanced Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® Programme. Fujitsu is also the only Heat Pump brand to be recommended by Asthma New Zealand.



PROFESSIONAL AND EFFECTIVE INSTALLATIONS. Fujitsu's accreditation programme for installers helps ensure that you'll get the right fit for your unique space. A professional installation is essential for the efficient performance of any Heat Pump. Ask to see their red card!



NEW ZEALAND'S LONGEST MANUFACTURER'S WARRANTY.

When you use a Fujitsu accredited installer, you'll get a full 6-year parts and labour warranty - for the reassurance you need that we stand behind our product, for the long term.



TRUSTED BRAND. Fujitsu has been awarded the coveted NZ's 'Trusted Heat pump SUPERBRAND' for 3 years running, and has also been highly commended as a Reader's Digest Trusted Brand in 2017.

FUJITSU

HEAT PUMPS | AIR CONDITIONING

How Fujitsu expertise leads the way



Our super efficient Heat Pump range

Fujitsu's commitment to energy savings is legendary. Our range includes models with the breakthrough thermodynamic systems, and state-of-the-art engineering. In addition, many models include extra energy saving features such as Human Sensors, Economy Mode and Timers. That means you are sure to find the right energy efficient model to suit your home and individual needs.

Compact outside units with blue fin heat exchanger

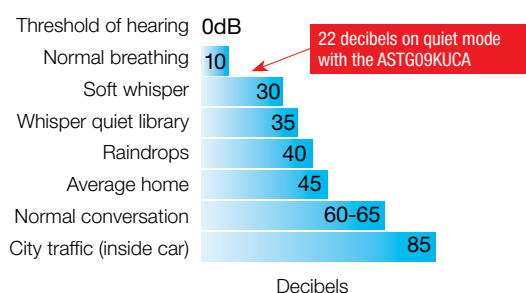
Fujitsu's outside units are very compact, with low operating noise from the efficient airflow structure.

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.



Just QUIETLY

Latest fan technology plus 'quiet mode' means noise is makes Fujitsu Heat Pumps very quiet. Compare our decibel levels with other brands, and you'll see that even our larger models are whisper quiet. Fujitsu also gives you quiet mode on outside units of the e3 series too.



Please note: higher capacity Heat Pumps produce higher sound levels

Performance Guarantee

We are so confident that you will be delighted with the effectiveness of your new Fujitsu that the Heat Pump installer can offer you a written Performance Guarantee. This 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 outside.



How do you get the Performance Guarantee?



Fujitsu can guarantee you will get the heat you need.

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:
 - Performance Guarantee.
 - Quotation.
 - Heat Pump running costs (it will even show you the savings you can make).
 - Heat Pump features and benefits.

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.





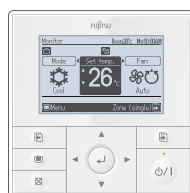
Fujitsu features these control options

LCD Wall Controller

(Optional extra)

Features

- 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 reduce the temperature range by single degrees
- Auto return set temperature – you can change the temperature setting within timer settings
- Economy mode saves energy by limiting maximum output
- 3 types of lock-out operation: child lock; partial lock and management lock
- Memory back-up (instant re-set) – remembers settings in case of power outages
- Clean filter indicator.



UTY-RVNYN

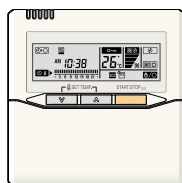
Universal Wall Controller

(Optional extra)

This smart controller is simple to use, yet has many additional features to the supplied remote controller.

Features:

- 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

Simple Wall Controller

(Optional extra)

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.

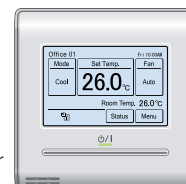


UTY-RSNNY

Touchscreen Controller

(Available as an optional extra with ASTG30/34KMTA models only)

The UTY-RNRYZ1 features an intuitive touchscreen display, built-in thermosensor and a range of daily and weekly timers. Temperature change – Auto 18 to 30°C, Heating 16 to 30°C, Cooling 18 to 30°C. The UTY-RNRYZ1 controller includes the same features and functions as the UTY-RVNYN controller.



UTY-RNRYZ1

Please note that a special communication part is required when installing an optional wall controller to any Hi-Wall. Your accredited installer will happily install it for you.

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

Fujitsu's New Generation Heat Pump Series



Super Energy Efficient Compact Designs Breakthrough Features R32 Refrigerant



e3TM Classic series

The e3 Classic series uses the new super-efficient thermodynamic system using R32 refrigerant to heat or cool your home. This system can deliver more heat for your dollar than previous systems. The brilliant e3 series brings new and intelligent features to add comfort, economy and health to your unique space.



e3TM WiFi[®] Edition

Built-in wireless LAN interface allows you to control the temperature of your home anytime, anywhere. Easy operation anywhere by smartphone and tablet means you can always come home to a warm welcome.



e3TM Design series

e3 technology in a very compact and elegant design (just 185mm deep).



e3TM Classic series

State-of-the-art technology and features



ASTG09KMCA

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

ASTG12KMCA

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

ASTG18KMCA

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

ASTG24KMCA

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

ASTG22KMCA

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

ASTG30KMTA

Heating capacity: 9.0kW
 Heating efficiency: COP 3.84
 Cooling capacity: 8.5kW
 Cooling efficiency: EER 3.45

ASTG34KMTA

Heating capacity: 10.3kW
 Heating efficiency: COP 3.63
 Cooling capacity: 9.4kW
 Cooling efficiency: EER 3.38



Full explanation of symbols on the back page

ASTG18, 22, 24KMCA & 30, 34KMTA models only >>

The **e3™ Classic series** pioneered the R32 thermodynamic system to heat or cool your home environment. This system can 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.

MORE FEATURES

Power Diffuser

Automatically adjusts to optimise heating or cooling mode.

The result is faster comfort, more efficiently.



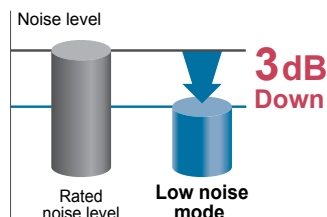
Human Sensor

When movement is not detected the energy saving mode activates, and the capacity is reduced until the sensor detects human movement again.

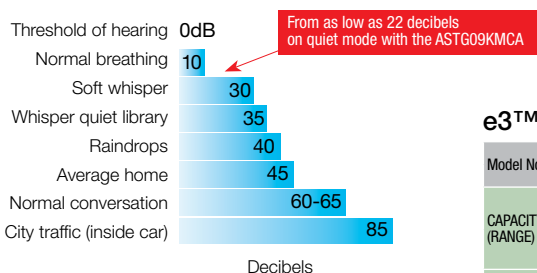


Quieter outside!

- Low noise mode for outdoor unit.



Quieter than a human whisper



Healthy Air Filters

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



Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.



Fujitsu is recommended by Asthma New Zealand

CONTROLLERS

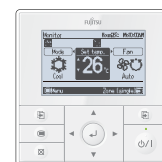
Remote Controller (Supplied)

- 7-day timer.
- Powerful operation mode (for fast heating).
- Sleep timer – adjusts to your sleeping patterns.



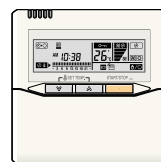
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNNY

Touch screen controller



UTY-RNRYZ1*

*ASTG30KMTA and ASTG34KMTA only

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

e3™ Classic series specifications

Model No.	Indoor Unit	Outdoor Unit	ASTG09KMCA	ASTG12KMCA	ASTG18KMCA	ASTG22KMCA	ASTG24KMCA	ASTG30KMTA	ASTG34KMTA
			AOTG09KMCA	AOTG12KMCA	AOTG18KMCA	AOTG22KMCA	AOTG24KMCA	AOTG30KMTA	AOTG34KMTA
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)	9.0 (2.2 - 11.2)	10.3 (2.7 - 11.7)
	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)	8.5 (2.9 - 10.5)	9.4 (2.9 - 11.2)
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	2.34 / 2.46	2.84 / 2.78
COP / EER	HEAT	kW/kW	4.92 / 5.0	4.57 / 4.07	4.23 / 4.10	4.07 / 3.77	3.77 / 3.53	3.84 / 3.45	3.63 / 3.38
STAR RATING	HEAT		5.0	4.5	3.5	3.5	3.0	3.0	2.5
	COOL		5.0	3.5	3.5	3.0	2.5	2.0	2.0
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	10.1 / 10.4	12.9 / 11.7
MOISTURE REMOVAL		L/Hr	1.3	1.8	2.6	2.7	2.7	2.5	3.5
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	22/31/34/40	22/32/37/42	29/35/40/46	32/37/42/48	32/37/42/49	33/39/44/51	33/38/44/51
OUTDOOR NOISE			47	49	48	52	52	54	
AIR CIRCULATION	INDOOR	l/s	194	200	258	278	311	389	
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	268 x 840 x 203			295 x 940 x 270		340 x 1150 x 280	
		kg	8.5			14		18	
	OUTDOOR	mm	540 x 790 x 290			620 x 790 x 290		830 x 900 x 330	914 x 970 x 370
		kg	34			40		61	75
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree			-15 to 24			-10 to 46	
	COOL		10 to 46			-10 to 46			-15 to 24
REFRIGERANT						R32			

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

e3TM WiFi Edition

e3 technology with built-in Wi-Fi



ASTG09KMCB

Heating capacity: 3.2kW
Heating efficiency: COP 4.22
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.90

ASTG12KMCB

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

ASTG18KMCB

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

ASTG24KMCB

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

ASTG22KMCB

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

ASTG30KMTB

Heating capacity: 9.0kW
Heating efficiency: COP 3.84
Cooling capacity: 8.5kW
Cooling efficiency: EER 3.45

ASTG34KMTB

Heating capacity: 10.3kW
Heating efficiency: COP 3.63
Cooling capacity: 9.4kW
Cooling efficiency: EER 3.38



Full explanation of symbols on the back page

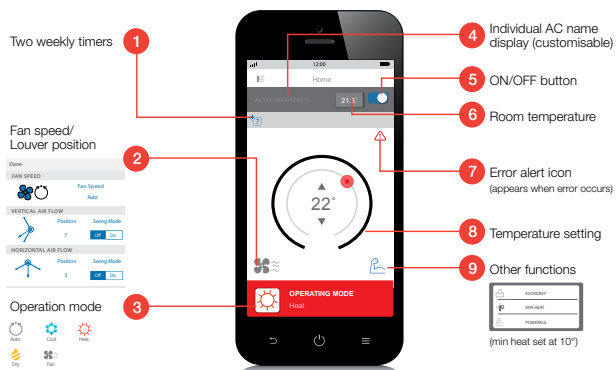
ASTG18, 22, 24KMCB & 30, 34KMTB models only >>



These new models in the **e3™** series now have a built-in wireless LAN interface, so you can control your Heat Pump from your smartphone or tablet.

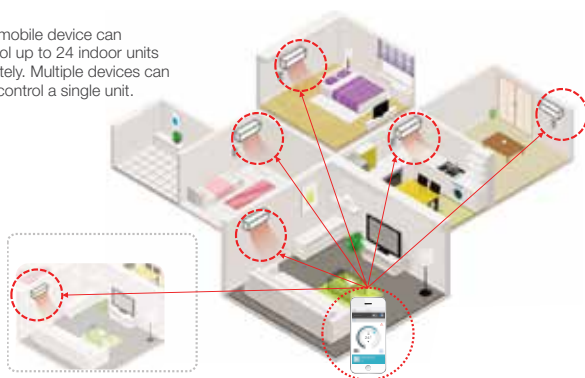
WI-FI FEATURES

Easy to understand icons

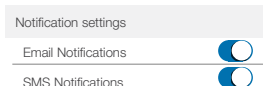


Easy operation anywhere by Smartphone or Tablet

One mobile device can control up to 24 indoor units remotely. Multiple devices can also control a single unit.



Email Operation



Human Sensor

When movement is not detected the energy saving mode activates, and the capacity is reduced until the sensor detects human movement again.



Healthy Air Filters

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



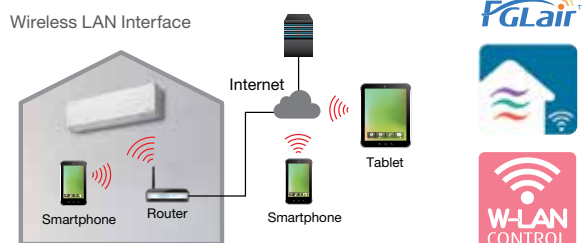
Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.



Fujitsu is recommended by Asthma New Zealand

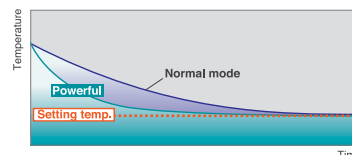
How it works

Built-in wireless LAN interface. By using the built-in LAN adaptor and the FGL Air App™, the Heat Pump system can be controlled from anywhere, anytime.



Powerful Mode

Delivers 20 minutes of continuous operation at maximum airflow and maximum compressor speed. This rapid cooling and heating makes the room comfortable faster.



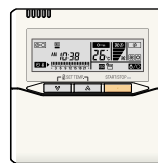
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNNY

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

e3™Wi-Fi Edition specifications

Model No.	Indoor Unit		ASTG09KMCB	ASTG12KMCB	ASTG18KMCB	ASTG22KMCB	ASTG24KMCB	ASTG30KMTB	ASTG34KMTB
	Outdoor Unit		AOTG09KMCB	AOTG12KMCB	AOTG18KMCB	AOTG22KMCB	AOTG24KMCB	AOTG30KMTB	AOTG34KMTB
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)	9.0 (2.2 - 11.2)	10.3 (2.7 - 11.7)
	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)	8.5 (2.9 - 10.5)	9.4 (2.9 - 11.2)
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	2.34 / 2.46	2.84 / 2.78
COP / EER	HEAT/COOL	kW/kW	4.92 / 4.90	4.57 / 4.07	4.23 / 4.10	4.07 / 3.77	3.77 / 3.53	3.84 / 3.45	3.63 / 3.38
STAR RATING	HEAT		5.0	4.5	3.5	3.5	3.0	3.0	2.5
	COOL		5.0	3.5	3.5	3.0	2.5	2.0	2.0
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	10.1 / 10.4	12.9 / 11.7
MOISTURE REMOVAL		L/Hr	1.3	1.8	2.6	2.7	2.7	2.5	3.5
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	22/31/34/40	22/32/37/42	29/35/40/46	32/37/42/48	32/37/42/49	33/39/44/51	33/38/44/51
OUTDOOR NOISE			47	49	48	52	52	54	
AIR CIRCULATION	INDOOR	l/s	194	200	258	278	311	389	
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	268 x 840 x 203			295 x 940 x 270		340 x 1150 x 280	
		kg	8.5			14		18	
	OUTDOOR	mm	540 x 790 x 290			620 x 790 x 290		830 x 900 x 330	914 x 970 x 370
		kg	34			40		61	75
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree	-15 to 24						
	COOL		10 to 46			-10 to 46			
REFRIGERANT			R32						

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.



e3TM Design series

e3 technology with a sleek, modern finish



ASTG09KUCA

Heating capacity: 3.2kW
 Heating efficiency: COP 4.78
 Cooling capacity: 2.5kW
 Cooling efficiency: EER 4.90

ASTG12KUCA

Heating capacity: 4.3kW
 Heating efficiency: COP 4.06
 Cooling capacity: 3.5kW
 Cooling efficiency: EER 3.98

ASTG18KUCA

Heating capacity: 6.0kW
 Heating efficiency: COP 3.80
 Cooling capacity: 5.0kW
 Cooling efficiency: EER 3.82



Full explanation of symbols on the back page

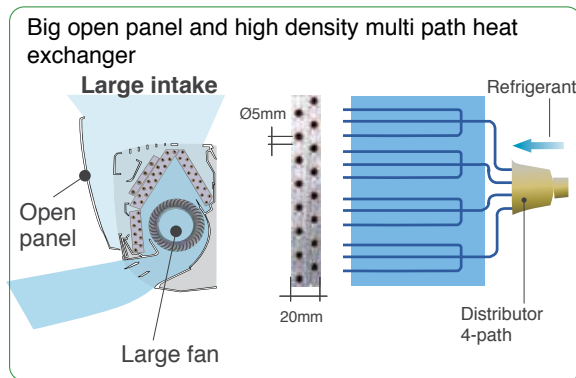
The **e3™** Design series delivers the energy savings of the latest Heat Pump technology, along with a super compact, elegant design and many state-of-the-art features.

Slim and elegant design

The slim and elegant design is created by the leading-edge heat exchanger and high efficiency fan.



Fujitsu's specialist engineering at work.



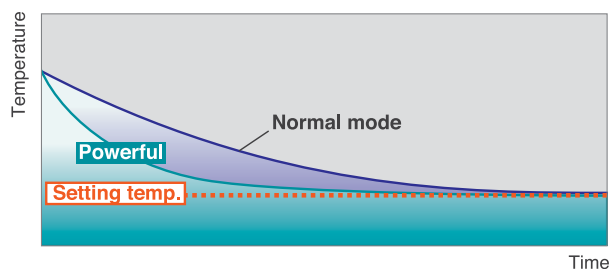
Human Sensor, for more energy savings

When movement is not detected the energy save mode activates, and the capacity is reduced until the sensor detects human movement again.



Powerful operation

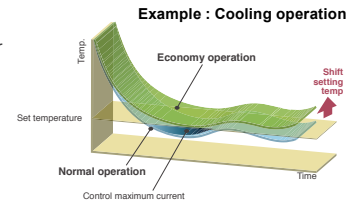
20 minutes of continuous operation at maximum airflow and maximum compressor speed is possible. This rapid cooling and heating makes your room comfortable faster.



Economy Mode

The economy mode will limit energy consumption (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.



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.



Healthy Air Filters

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



Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.



Fujitsu is recommended by Asthma New Zealand

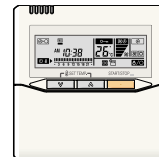
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNNY

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

e3™ Design series specifications

Model No.	Indoor Unit		ASTG09KUCA	ASTG12KUCA	ASTG18KUCA
	Outdoor Unit		AOTG09KUCA	AOTG12KUCA	AOTG18KUCA
CAPACITY (RANGE)	HEAT	kW	3.2 (0.9-5.4)	4.3 (0.9-5.70)	6.0 (1.05-7.50)
	COOL	kW	2.5 (0.9-3.6)	3.5 (0.9-4.10)	5.0 (0.9-6.0)
INPUT POWER	HEAT/COOL	kW	0.67 / 0.51	1.06 / 0.88	1.58 / 1.31
COP / EER	HEAT/COOL	kW/kW	4.78 / 4.90	4.06 / 3.98	3.80 / 3.82
STAR RATING	HEAT		5.0	3.5	3.0
	COOL		5.0	3.5	3.0
RUN CURRENT	HEAT/COOL	A	3.3 / 2.7	4.9 / 4.3	6.7 / 5.6
MOISTURE REMOVAL		L/Hr	1.3	1.8	2.6
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	21/32/37/42	22/32/38/43	29/36/42/46
OUTDOOR NOISE			47	49	48
AIR CIRCULATION	INDOOR	l/s	222	236	272
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	282 x 870 x 185		
		kg	9.5		
	OUTDOOR	mm	540 x 790 x 290		620 x 790 x 290
		kg	34		40
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree	-15 to 24		
	COOL		10 to 46		
REFRIGERANT			R32		

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

Compact Hi-Wall Premier



ASTG09LVCC

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



ASTG12LVCC

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



ASTG14LUCB (Premier Plus)

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



ASTG18LVCC

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



ASTG22LVCC

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

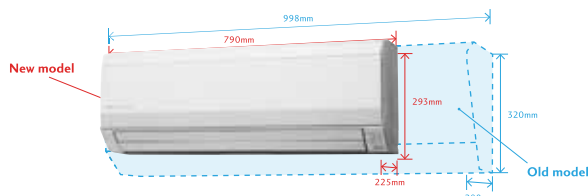


Full explanation of symbols on the back page

NZ's extremely popular Heat Pump series is very compact with stylish flat panels outside and advanced engineering inside. Super energy savings are achieved with Fujitsu's improved heat exchange technology and the unit can also offer very quiet operation, healthy fresh air filters and many extra features.

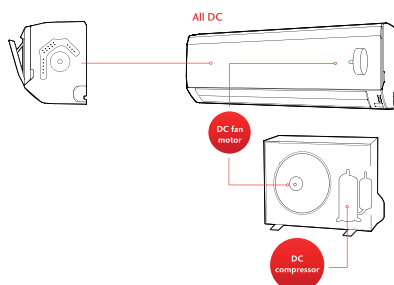
Compact design

Even the 7.0kW model is super compact.



Super efficient

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



Healthy Air Filters

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



Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.



Fujitsu is recommended by Asthma New Zealand

Air Cleaning Filters

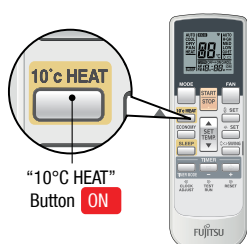
The Air Cleaning Filter uses static electricity to reduce fine particles and dust in the air, such as tobacco smoke, plant pollen and allergens that are too small to see.

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 22 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.

Optional wall controllers

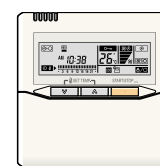
In addition to the standard remote controller (above), there are optional wall controllers available.

LCD Wall controller



UTY-RVNNY

Universal Wall Controller



UTY-RNNYN

Simple Wall Controller



UTY-RSNNY

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

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 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 ASTG14LUCB

This 'Premier Plus' model includes the added energy saving features of a 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	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 (1.05 - 8.70)
	COOL	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	0.73 / 0.58	1.11 / 0.92	1.47 / 1.25	1.49 / 1.53	2.03 / 1.95
	COP / EER	4.66 / 4.31	4.32 / 3.80	3.67 / 3.36	4.03 / 3.27	3.55 / 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	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
INDOOR NOISE Q/L/M/H	HEAT	22/31/37/42	22/31/38/43	27/34/40/45	30/38/42/46	32/38/42/48
	COOL	47	48	50	53	56
OUTDOOR NOISE	INDOOR	225	239	264	267	267
	OUTDOOR	293 x 790 x 225	282 x 870 x 185	293 x 790 x 225		
DIMENSIONS AND WEIGHTS (HxWxD)	mm					
	kg			9.5		10
OUTDOOR OPERATING TEMPERATURE	HEAT			-15 to 24		
	COOL			10 to 46		
REFRIGERANT		R410a				

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

Hi-Wall Premier – Large capacity LFC series



ASTG24LFCC

Heating capacity: 8.0kW
Heating efficiency: COP 3.54
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.27



ASTG30LFCC

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



ASTG34LFCC

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

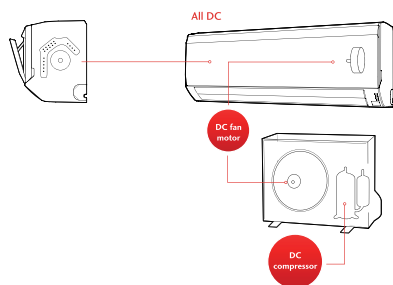


Full explanation of symbols on the back page

These smart looking models pack a punch with very powerful performance, but are still super energy efficient. They will heat large areas effortlessly yet give you the quietness, economy 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 twin rotary DC 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 environment.



Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.



Fujitsu is recommended by Asthma New Zealand

Air Cleaning Filters

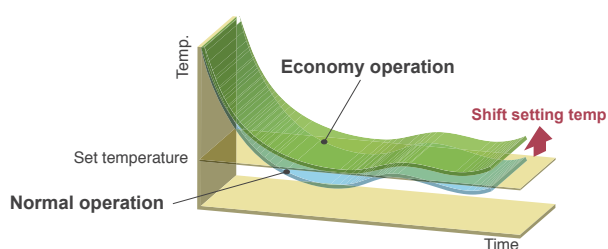
The Air Cleaning Filter uses static electricity to reduce fine particles and dust in the air, such as tobacco smoke, plant pollen and allergens, that are too small to see.

Long-life Ion Deodorisation 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 limit energy consumption (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.



Super quiet

ALL Fujitsu wall mounted models are equipped with 4 fan speeds including quiet fan mode. Fujitsu's fan technology means that our models are quiet even when working their hardest to quickly heat or cool a room.

CONTROLLERS

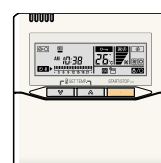
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

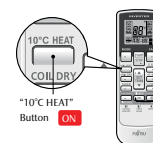


UTY-RSNNYN

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

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 / 2.17	2.64 / 2.42	3.03 / 2.80
COP / EER	HEAT/COOL	kW/kW	3.54 / 3.27	3.41 / 3.31	3.30 / 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
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	32/37/42/48	33/37/42/49	34/37/42/52
OUTDOOR NOISE			56	55	53
AIR CIRCULATION	INDOOR	l/s	311	319	339
		mm	320 x 998 x 238		
	OUTDOOR	kg	14		
		mm	620 x 790 x 290	830 x 900 x 330	1,290 x 900 x 330
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree	-15 to 24		
	COOL	Degree	-10 to 46		-5 to 46
REFRIGERANT			R410a		

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.



Compact Floor Console



AGTV09LAC

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



Dual fans for fast heating



AGTV14LAC

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



Dual fans for fast heating

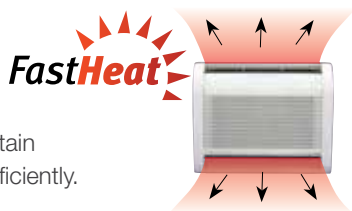


Full explanation of symbols on the back page

Our Compact Floor Consoles have dual fans to deliver very fast heating. As you'd expect from Fujitsu, they are super quiet and have many features including advanced Catechin Filters to help achieve a healthier home environment, and compact outdoor units too.

Dual fans

Dual fans deliver heat fast. You can then switch off the bottom fan to maintain the perfect temperature efficiently.



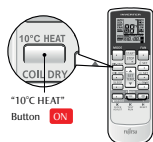
Compact design

At just 60cm high and 74cm long, these models are discreet and unobtrusive.



10°C hold temperature

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.



Apple-Catechin Filter



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



Fujitsu's Catechin Filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® programme.



Fujitsu is recommended by Asthma New Zealand

Long-life Ion Deodorisation 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 limit energy consumption (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

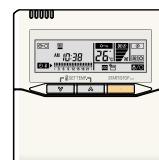
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

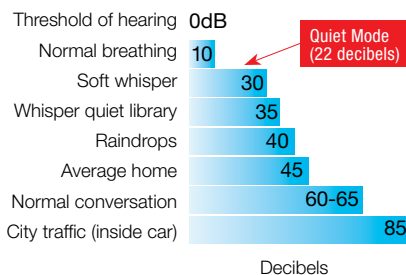


UTY-RSNNY

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

Super quiet

An industry leader in quietness – with quiet mode as low as 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 / EER	HEAT/COOL	kW/kW	4.32 / 4.33	3.61 / 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
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	22/29/35/40	22/29/37/43
OUTDOOR NOISE			48	50
AIR CIRCULATION	INDOOR	l/s	167 upper & lower	181 upper & lower
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	600 x 740 x 200	
		kg	14	
	OUTDOOR	mm	540 x 790 x 290	540 x 790 x 300
		kg	36	40
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree	-15 to 24	
	COOL	Degree	-10 to 43	
REFRIGERANT			R410a	

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

High Capacity Floor Console Range



ABTG18LVTA

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



ABTG24LVTC

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

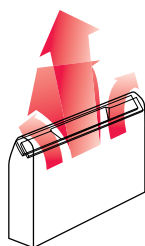


Full explanation of symbols on the back page

The High Capacity Floor Consoles are very powerful heating units, yet still highly efficient, slim and lightweight. Despite their capacity to heat large areas effortlessly, they are whisper quiet, and have a very compact outside unit. These very adaptable units can also be installed under the ceiling.

Super vane / double auto swing

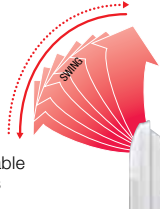
The double-louver feature boosts airflow with combination up/down and left/right direction swing, giving you 3 dimensional control and heating for every corner of your chosen room.



Right and left



Up and down



High capacity heating

These superb heating units deliver fast and effective heat, right down to -15°C outside temperature.

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

Very efficient

They have super-quick defrost, while still delivering outstanding energy efficiency – with a COP of 3.61kW heating. *COP explained on back page

Flexible installation



Floor



Under Ceiling

CONTROLLERS

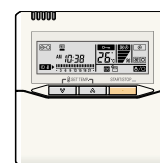
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

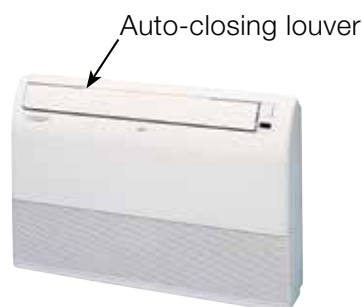


UTY-RSNNYN

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

Auto-closing louver

This function is common to all Fujitsu models except the ducted systems.



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 / 2.14
COP / EER	HEAT/COOL	kW/kW	3.61 / 3.44	3.61 / 3.32
STAR RATING	HEAT		2.5	
	COOL		2.0	
RUN CURRENT	HEAT/COOL	A	7.0 / 6.4	9.3 / 9.0
MOISTURE REMOVAL		L/Hr	2.0	2.7
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	32/35/41/44	36/41/45/49
OUTDOOR NOISE			56	54
AIR CIRCULATION	INDOOR	l/s	217	272
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	655 x 990 x 199	
		kg	27	
	OUTDOOR	mm	620 x 790 x 290	830 x 900 x 330
		kg	41	60
OUTDOOR OPERATING TEMPERATURE	HEAT	Degree	-15 to 24	
	COOL	Degree	-10 to 46	
REFRIGERANT			R410a	

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Compact Ceiling Cassettes



AUTG09LVLB

Heating capacity: 3.5kW
 Heating efficiency: COP 4.22
 Cooling capacity: 2.60kW
 Cooling efficiency: EER 4.33



AUTG24LVLC

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

AUTG12LVLB

Heating capacity: 4.0kW
 Heating efficiency: COP 4.08
 Cooling capacity: 3.5kW
 Cooling efficiency: EER 3.85

AUTG18LVLA

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

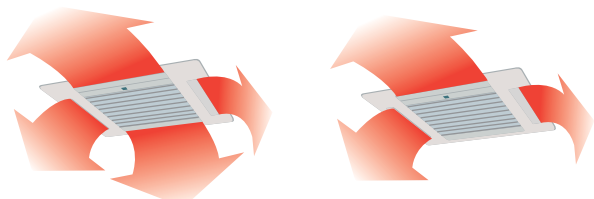


Full explanation of symbols on the back page

The compact and stylish Ceiling Cassette sits in the ceiling, with just the grille visible. Despite their discreet appearance, the turbo fan technology and 4-way air distribution will heat or cool your whole room quickly, efficiently and quietly.

Fast heat

3 or 4 way air distribution combined with strong airflow delivers super fast heating. The 4-way flow works best when the Cassette is placed in the centre of the room. However, if the unit is placed adjacent to a wall, an optional 3-way air outlet can be made to ensure optimum airflow to the entire room.



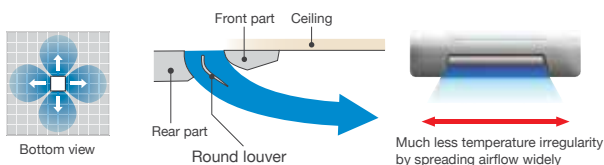
Whole room heating and cooling

Powerful airflow reaches the entire room with ceiling heights of up to 3.0m.



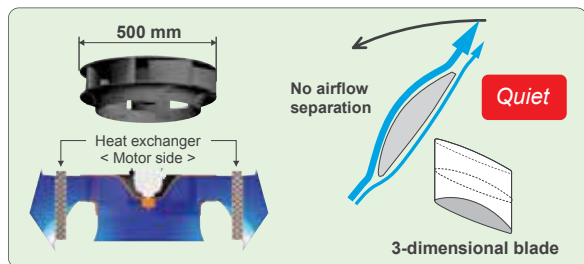
How the improved airflow works

The new louver directs the airflow away from the ceiling and is designed to optimise even heating (and cooling) of the entire room.



Quiet and efficient

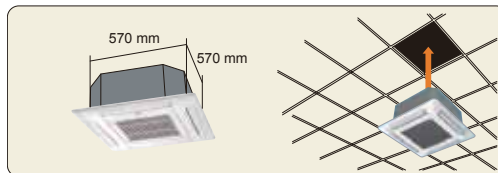
The turbo fan improves efficient airflow distribution, with hi-tech 3 dimensional blades that are designed specifically to operate whisper quietly.



← : Spin direction → : Airflow direction

Compact design

These compact units have been designed to fit into an average sized ceiling square – with the grille measuring just 570mm x 570mm.



Compact outside as well

Fujitsu's outdoor units are super compact, with the efficient airflow structure resulting in a very low operational sound. Importantly, the Fujitsu outside unit heat exchanger fins are also specially coated with Cobalt Blue – to help protect against corrosion and enhance the durability and extend the performance life of your Fujitsu Heat Pump.

CONTROLLERS

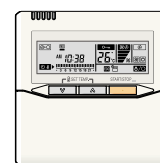
Optional wall controllers

LCD Wall controller



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNNYN

The optional wall controllers require a communication kit. Speak to your installer about your requirements.

Compact Cassette specifications

Model No.	Indoor Unit		AUTG09LVLB AOTG09LBCB	AUTG12LVLB AOTG12LBCB	AUTG18LVLB AOTG18LACC	AUTG24LVLB AOTG24LACC
CAPACITY (RANGE)	HEAT	kW	3.5 (0.90 - 4.48)	4.0 (0.90 - 4.83)	6.0 (0.90 - 7.50)	8.0 (2.20 - 9.10)
	COOL	kW	2.6 (0.90 - 3.60)	3.5 (0.90 - 4.0)	5.2 (0.90 - 5.90)	7.1 (2.90 - 8.0)
INPUT POWER	HEAT/COOL	kW	0.83 / 0.60	0.98 / 0.91	1.66 / 1.56	2.21 / 2.16
COP / EER	HEAT/COOL	kW/kW	4.22 / 4.33	4.08 / 3.85	3.61 / 3.33	3.61 / 3.29
STAR RATING	HEAT		3.5	3.0		2.5
	COOL		3.5	2.5		2.0
RUN CURRENT	HEAT/COOL	A	4.1 / 2.9	4.7 / 4.3	7.0 / 6.6	9.3 / 9.1
MOISTURE REMOVAL		L/Hr	0.50	0.90	2.2	2.7
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	27/29/32/34	28/31/33/37	30/34/38/43	33/40/45/49
OUTDOOR NOISE			49	50	56	54
AIR CIRCULATION	INDOOR	l/s	150	167	222	258
DIMENSIONS AND WEIGHTS (HxWxD)	INDOOR	mm	245 x 570 x 570			
		kg	15			
	OUTDOOR	mm	620 x 790 x 290			
OUTDOOR OPERATING TEMPERATURE	HEAT		-15 to 24			
	COOL		-10 to 46			
REFRIGERANT			R410a			

Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

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 the new R32 Thermodynamic system that is more efficient 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:

- 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.
- It is important to have your Heat Pump serviced regularly. This will keep it performing efficiently and effectively.
- 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 **i-PAM control models:** i-PAM inverter control is a technology which reduces loss of efficiency by adjusting the current waveform to a better sine waveform. This promotes the more effective use of the input power supply to attain high performance.

Human Sensor **Human Sensor:** Human Sensor catches movements of people in a room.

Up / down **Up / down swing louvers:** The up/down louvers automatically swing up and down.

Left/Right **Right/Left swing louvers:** The right/left louvers automatically swing in either direction.

Double **Double swing automatic:** Complex swing action enables the louvers to automatically swing both horizontal and vertical directions.

Adjust **Automatic air flow adjustment:** The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.

R **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.

Moisture **Moisture removal:** Effectively dehumidifies the air.

Auto Louver **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 **Auto-changover:** The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

Auto shut louvers **Auto shut louvers:** The auto shut louvers close or open automatically when the unit stops or starts.

10°C HEAT **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 **Economy mode:** Limits the maximum operational current, and performs operation with the power consumption suppressed.

PowerFUL **Powerful mode:** Operates at maximum air flow and compressor speed, and quickly makes the room comfortable.

Low noise **Low noise mode:** Sound noise level of outdoor unit can be selected or reduced.

Sleep **Sleep timer:** The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

Program **Program timer:** This digital timer allows selection of one of four options : ON, OFF, ON OFF or OFF ON.

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

Wash **Washable panel**

Filter **Filter sign:** Indicates when the filter needs cleaning.

Ion **Long-life Ion Deodorisation Filter:** This special filter comprises of super micro particles which can produce negative air ions which deodorise and absorb cooking, pet and other smells.



AF **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

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

Coil Dry **Coil dry operation:** Pressing the coil dry button after operating will dry the internal unit to prevent mould and bacteria growth.

Cobalt Blue **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.

 Cooling  Heating

Explanation of terms

Capacity: The higher the capacity, the more area can be heated and cooled, and the 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 up to 4.11kW of heat for every 1kW of energy used under test conditions.

EER: Stands for Energy Efficient Ratio, and is the ratio of the cooling capacity to the power input. The higher the EER, the more efficient the Heat Pump.

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!

Heating/Cooling capacities and run current test are based on the requirements of AS/NZS3823, that standard test at the temperature below. Cooling: Indoor Temp: 27°C DB / 19°C WB. Outdoor Temp: 35°C DB.

Heating: Indoor Temp: 20°C DB. Outdoor Temp: 7°C DB / 6°C WB.

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