e3™ WiFi Edition

# e3 technology with built-in Wi-Fi

### *ASTG09KMCB*

Heating capacity: 3.2kW
Heating efficiency: COP 4.92
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

i-PAM · DEMAND CONTROL · Human Sensor · Up/Down · Adjust · R Restart · Auto Changeover · 10°C HEAT · Economy · POWERFUL · Low noise · Sleep · Program · Weekly · Filter · Ion · AF · Wash

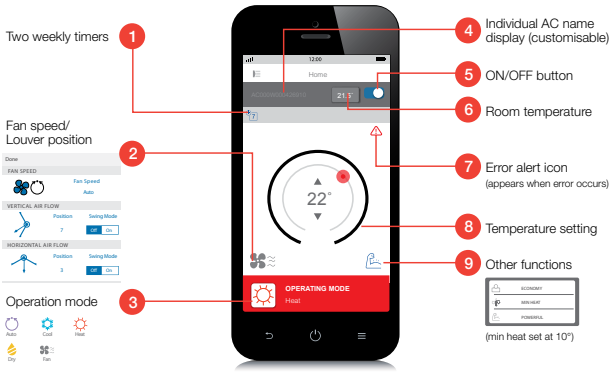
Full explanation of symbols on the back page

ASTG18, 22, 24KMCB & 30, 34KMTB models only >> Left/Right · Double

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.

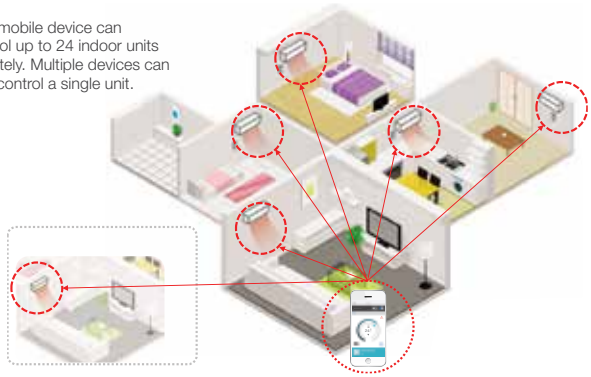
## WI-FI FEATURES

### Easy to understand icons

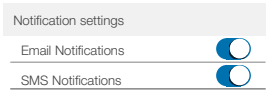



### Easy operation anywhere by Smartphone or Tablet

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

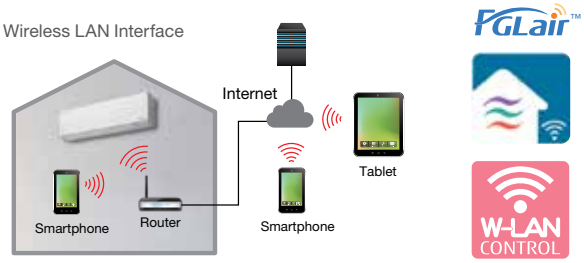
Fujitsu's advanced filter systems contribute to a fresher, cleaner and healthier environment.

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

Fujitsu is recommended by Asthma New Zealand

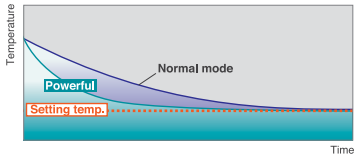
### How it works

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.

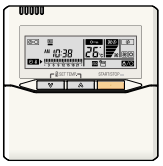



### Optional wall controllers

**LCD Wall controller**

UTY-RVNYN

**Universal wall controller**



UTY–RNNYN

**Simple wall controller**

UTY–RSNYN

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 O/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.

# 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 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 catches movements of people in a room.

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

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

**Double swing automatic:** Complex swing action enables the louvers to automatically 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.

**Moisture removal:** 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-changeover:** 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 operational current, and performs operation with the power consumption suppressed.

**Powerful mode:** Operates 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 or reduced.

**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.

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

**Washable panel**

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

**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.

**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, 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.

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.

FUJITSU

HEAT PUMPS | AIR CONDITIONING

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## Why Fujitsu?

FUJITSU 6 YEAR WARRANTY ACCREDITED CONSULTANT

NZ's longest manufacturer's warranty

Fujitsu is recommended by Asthma New Zealand

Healthier home

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

Healthier home

Independently awarded as NZ's leading iconic and trusted Heat Pump brand.

Trusted brand 2014 | 2015 | 2016

Reader's Digest Trusted Brand 2017

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