### **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: +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



Up / down swing louvers: The up/down louvers



Right/Left swing louvers: The right/left louvers



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



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



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



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, net 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



Cooling





#### 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.

Printed with 100% vegetable based inks. Printed on environmentally responsible paper. Fujitsu General accepts no liability for incorrect data. Please ensure you have confirmed installation requirements and pipe sizes prior to install.



HEAT PUMPS | AIR CONDITIONING

Fujitsu General New Zealand Limited www.fujitsugeneral.co.nz

### Why Fujitsu?









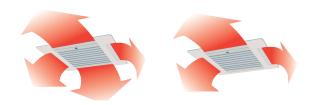




The compact and stylish Ceiling Cassette sits in the ceiling, with just the grille visible. Despite their discreet appearance, the turbo fan technology and 4-way air distribution will heat or cool your whole room quickly, efficiently and quietly.

#### 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.



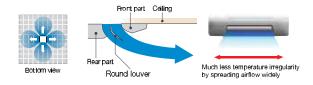
#### Whole room heating and cooling

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



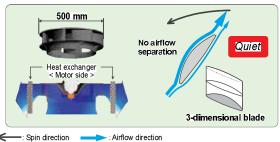
### How the improved airflow works

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



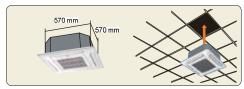
### Quiet and efficient

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



### 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



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

### **Compact Cassette specifications**

Model No.	Indoor Unit		AUTG09LVLB	AUTG12LVLB	AUTG18LVLA	AUTG24LVLC		
WIOGEI NO.	Outdoor Unit	t	AOTG09LBCB	AOTG12LBCB	AOTG18LACC	AOTG24LATC		
CAPACITY	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)		
(RANGE)	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		
SIAN NATING	COOL		3.5	2.5	2	.0		
RUN CURRENT	HEAT/COOL	Α	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 NOIS	Ε		49	50	56	54		
AIR CIRCULATION	INDOOR	I/s	150	167	222	258		
	INDOOR	mm	245 x 570 x 570					
DIMENSIONS AND WEIGHTS	INDOOR	kg		15				
(HXWXD)	OUTDOOR	mm		620 x 790 x 290		830 x 900 x 330		
, ,	OUTDOON	kg	3	9	41	60		
OUTDOOR	HEAT	_		-151	-15 to 24			
OPERATING TEMPERATURE	COOL	Degree		-101	to 46			
REFRIGERANT				R4	10a			





### AUTG09LVLB

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

### 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

### AUTG24LVLC

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





















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

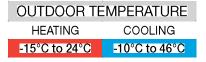
The double-louver feature boosts airflow with combination up/down and left/right direction swing, giving you 3 dimensional control and heating for every corner of your chosen room.





### High capacity heating

These superb heating units deliver fast and effective heat, right down to  $-15^{\circ}$ C outside temperature.



### 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





Under Ceiling

### CONTROLLERS Optional wall controllers

LCD Wall controller	Universal wall controller	Simple wall controller
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**1038	<b>1</b>
UTY-RVNYN	UTY-RNNYN	UTY-RSNYN

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.

### Auto-closing louver



### Floor Console specifications

1 100	1 loor console specifications							
Model N	do.	Indoor Unit		ABTG18LVTA	ABTG24LVTC			
Would	NU.	Outdoor Unit	t	AOTG18LACC	AOTG24LATC			
CAPACI		HEAT	kW	6.0 (0.90 - 7.50)	8.0 (2.20 - 9.10)			
(RANGE	:)	COOL	kW	5.2 (0.90 - 5.90)	7.1 (2.90 - 8.0)			
INPUT F	POWER	HEAT/COOL	kW	1.66 / 1.51	2.21 / 2.14			
COP/E	ER	HEAT/COOL	kW/kW	3.61 / 3.44	3.61 / 3.32			
STAR R	ATING	HEAT COOL			2.5 2.0			
RUN CL	JRRENT	HEAT/COOL	Α	7.0 / 6.4	9.3 / 9.0			
MOISTU	JRE REM	10VAL	L/Hr	2.0	2.7			
INDOOF Q/L/M/F	R NOISE H	HEAT	dB(A)	32/35/41/44	36/41/45/49			
OUTDO	OR NOIS	E		56	54			
AIR CIRCUL	ATION	INDOOR	I/s	217	272			
DIMENS	SIONS	INDOOR	mm kg		990 x 199 27			
AND WE (HXWXI	21GH15	CUTDOOD	mm	620 x 790 x 290	830 x 900 x 330			
V	-,	OUTDOOR	kg	41	60			
OUTDO		HEAT	Danna	-15	to 24			
	RATURE	COOL	Degree	-10	to 46			
REFRIG	ERANT			R4	110a			





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.



### 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



### Universal wall controller



Simple wall controller

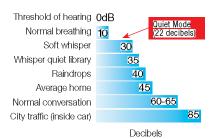


RNNYN UTY-

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

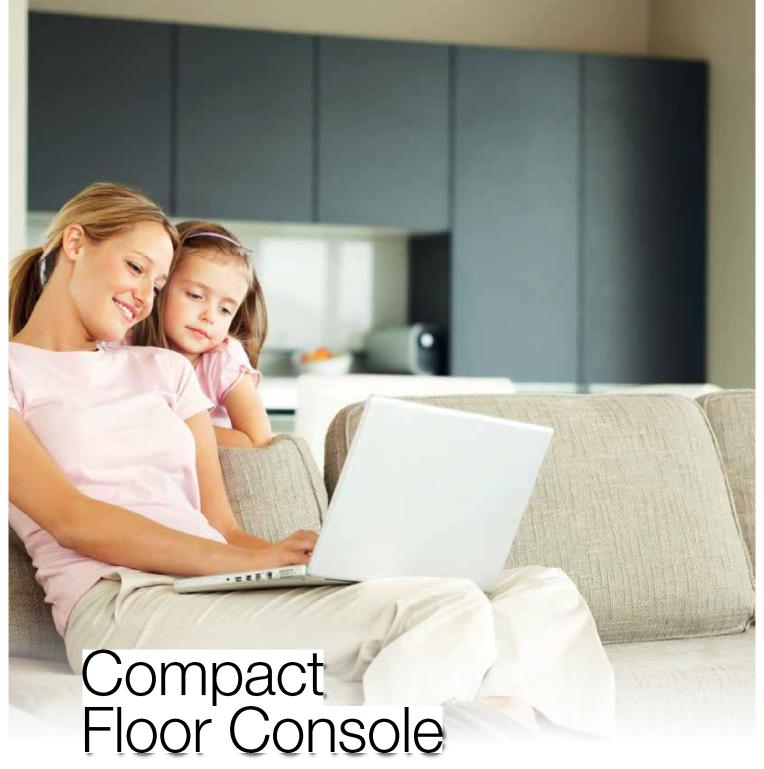
### Super quiet

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			
WOULD INU.	Outdoor Ur		AOTV09LAC	AOTV14LAL			
CAPACITY	HEAT kW		3.5 (0.90 - 5.50)	5.2 (0.90 - 8.0)			
(RANGE) 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			
SIAN NATING	COOL		3.5	2.0			
RUN CURRENT	HEAT/COOL A		3.8 / 2.8	6.1 / 5.3			
MOISTURE REM	MOISTURE REMOVAL		1.3	2.1			
INDOOR NOISE Q/L/M/H	R NOISE HEAT		22/29/35/40	22/29/37/43			
OUTDOOR NOIS	E		48	50			
AIR CIRCULATION	INDOOR	I/s	167 upper & lower	181 upper & lower			
	INDOOR	mm	600 x 740 x 200				
DIMENSIONS AND WEIGHTS	INDOOR	kg	1	4			
(HXWXD)	OUTDOOR	mm	540 x 790 x 290	540 x 790 x 300			
,	OUIDOON	kg	36	40			
OUTDOOR OPERATING	HEAT	Degree	-15 to 24				
TEMPERATURE	COOL	Degree	-10 t	0 43			
REFRIGERANT			R41	R410a			





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

Cooling efficiency: EER 4.33



### Fast**Heat** Dual fans for fast heating

### AGTV14LAC

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





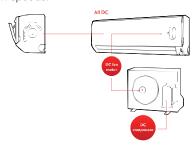
Grait Jay Ion Af Controller Cobatt Black DC

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.





### Air Cleaning Filters

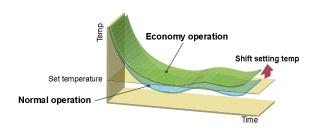
The Air Cleaning Filter uses static electricity to reduce fine particles and dust in the air, such as tobacco smoke, plant pollen and allergens, that are too small to see.

### 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





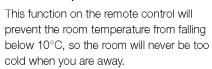
Universal wall

Simple wall controller



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

### 10°C heat operation



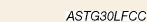


### Hi-Wall Premier specifications

Model No.	Indoor Unit		ASTG24LFCC	ASTG30LFCC	ASTG34LFCC		
Model No.	Outdoor Unit		AOTG24LFCC	AOTG30LFTC	AOTG34LFTC		
CAPACITY	HEAT	kW	8.0 (0.90 - 10.60)	9.0 (2.20 - 11.0)	10.0 (2.70 - 11.20)		
(RANGE)	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		
STAR RATING	COOL		2.0	2.0	2.0		
RUN CURRENT	HEAT/COOL	Α	9.5 / 9.1	11.1 / 10.2	12.8 / 11.8		
MOISTURE REM	MOISTURE REMOVAL L		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 NOIS	E		56	55	53		
AIR CIRCULATION	INDOOR	I/s	311	319	339		
	INDOOR	mm		320 x 998 x 238			
DIMENSIONS AND WEIGHTS	INDOOR	kg	14				
(HXWXD)	OUTDOOR	mm	620 x 790 x 290	830 x 900 x 330	1,290 x 900 x 330		
	OUTDOON	kg	41	61	86		
OUTDOOR OPERATING	HEAT	Dograo		-15 to 24			
TEMPERATURE	COOL	Degree	-10 to	-5 to 46			
REFRIGERANT			R410a				







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



### ASTG24LFCC

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

### ASTG34LFCC

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





























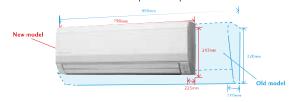


ull explanation of symbols on the back pag

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.

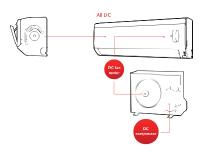
### Compact design

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.



#### 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 Universal Wall Controller Controller Controller Controller

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

UTY-RNNYN

### 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

COP / EER	Compact ni-wan specifications								
CAPACITY (RANGE   HEAT   KW   0.50 - 4.0)   (0.90 - 5.60)   (0.90 - 6.0)   (1.05 - 8.10)   (1.05 - 8.70)   (0.90 - 6.0)   (0	Model No	Indoor Unit		ASTG09LVCC	ASTG12LVCC	ASTG14LUCB	ASTG18LVCC	ASTG22LVCC	
CAPACITY (RANGE) COOL	IVIOUEI IVO.	Outdoor Unit		AOTG09LVCC	AOTG12LVCC	AOTG14LUCB	AOTG18LVCC	AOTG22LVCC	
COOL   KW   (0.50 - 3.30)   (0.90 - 4.0)   (0.90 - 5.0)   (0.90 - 5.80)   (0.90 - 7.30)	CADACITY (DANICE)		kW		(0.90 - 5.60)				
COP / EER	CAFACIT (NANGE)		kW						
STAR RATING	INPUT POWER	HEAT/COOL	kW	0.73 / 0.58	1.11 / 0.92	1.47 / 1.25	1.49 / 1.53	2.03 / 1.95	
STAR HAINING	COP / EER	HEAT/COOL	kW/kW	4.66 / 4.31	4.32 / 3.80	3.67 / 3.36	4.03 / 3.27	3.55 / 3.23	
COOL   4.0   3.0   2.0   2.0   2.0   2.0	CTAD DATING	HEAT		4.5	4.0	2.5	3.5	2.5	
MOISTURE REMOVAL   L/Hr   1.3   1.8   2.1   2.6   2.7	STAR RATING	COOL		4.0	3.0	2.0	2.0	2.0	
NDOOR NOISE   HEAT   DIL   D	RUN CURRENT	HEAT/COOL	Α	3.5 / 2.8	5.0 / 4.2	6.4 / 5.7	6.3 / 6.5	8.5 / 8.2	
DUITDOOR NOISE   AFT   ABAND WEIGHTS   HEAT   DUITDOOR   HEAT   DUITDOOR   HEAT   DUITDOOR   HEAT   DUITDOOR   HEAT   DUITDOOR   HEAT   DUITDOOR   COOL   Duits   Cool   Duits   Cool   Cool	MOISTURE REMOVAL		L/Hr	1.3	1.8	2.1	2.6	2.7	
AIR CIRCULATION INDOOR I/S 225 239 264 267 267  INDOOR Mm 293 x 790 x 225 282 x 870 x 185 293 x 790 x 225  INDOOR Mm 293 x 790 x 225 282 x 870 x 185 293 x 790 x 225  INDOOR Mm 540 x 660 540 x 790 x 290 620 x 790 x 290    NOUTDOOR Kg 25 34 37 40  OUTDOOR HEAT OPERATING COOL	INDOOR NOISE 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	
NDOOR   Mm   293 x 790 x 225   282 x 870 x 185   293 x 790 x 225	OUTDOOR NOISE			47	48	50	53	56	
NUOUH   kg   9.5   10	AIR CIRCULATION	INDOOR	I/s	225	239	264	267	267	
DIMENSIONS   AND WEIGHTS   HAWKID   OUTDOOR   mm   540 x 660   540 x 790 x 290   620 x 790 x 290		INIDOOD	mm	293 x 790 x 225 282 x 870 x 185		293 x 790 x 225			
HXWXD  OUTDOOR   Mm	DIMENSIONS	INDOOR	kg		9	9.5		10	
OUTDOOR HEAT -15 to 24  Degree COOL 10 to 46	AND WEIGHTS (HXWXD)	OUTDOOR	mm				0 x 290 620 x 79		
DEGRATING COOL Degree 10 to 46			kg	25	;	34		40	
TEMPERATURE COOL 10 to 46	OUTDOOR OPERATING	HEAT	Dograp		-15 to 24				
REFRIGERANT R410a	TEMPERATURE	COOL	Dogree			10 to 46			
	REFRIGERANT					R410a			



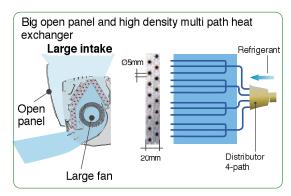
The e3Design series delivers the energy savings of the latest Heat Pump technology, along with a super compact, elegant design and many state-of-the-art features.

### 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.



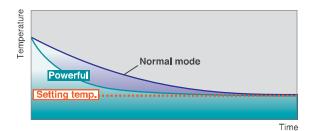
### Human Sensor, for more energy savings

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



### Powerful operation

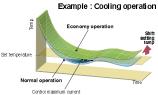
20 minutes of continuous operation at maximum airflow and maximum compressor speed is possible. This rapid cooling and heating makes your room comfortable faster.



### **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.



### Optional wall controllers

### LCD Wall controller



### Universal wall controller



Simple wall controller



UTY-RNNYN

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

#### e3™Design series specifications

	g		-				
Model No Indoor Unit			ASTG09KUCA	ASTG12KUCA	ASTG18KUCA		
WIDGELING.	Outdoor Unit	t	AOTG09KUCA	AOTG12KUCA	AOTG18KUCA		
CAPACITY	HEAT	kW	3.2 (0.9-5.4)	4.3 (0.9-5.70)	6.0 (1.05-7.50)		
(RANGE)	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		
SIAR RATING	COOL		5.0	3.5	3.0		
RUN CURRENT	HEAT/COOL	Α	3.3 / 2.7	6.7 / 5.6			
MOISTURE REM	10VAL	L/Hr	1.3	1.3 1.8			
INDOOR NOISE Q/L/M/H	HEAT	dB(A)	21/32/37/42	22/32/38/43	29/36/42/46		
OUTDOOR NOIS	SE .		47	49	48		
AIR CIRCULATION	INDOOR	I/s	222	236	272		
	INDOOR	mm	282 x 870 x 185				
DIMENSIONS AND WEIGHTS	INDOOR	kg					
(HXWXD)	OUTDOOR	mm	540 x 79	90 x 290	620 x 790 x 290		
, ,	OUTDOOK	kg	3	4	40		
OUTDOOR OPERATING	HEAT	Degree		-15 to 24			
TEMPERATURE	COOL	Degree		10 to 46			
REFRIGERANT				R32			



### 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



























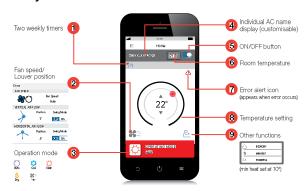




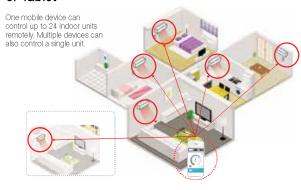
These new models in the Series now have a built-in wireless LAN interface, so you can control your Heat Pump from your smartphone or tablet.

### WI-FI FEATURES

### Easy to understand icons



### Easy operation anywhere by Smartphone or Tablet



### **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

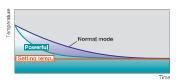
Built-in wireless LAN interface. By using the built-in LAN adaptor and the FGL Air App™, the Heat Pump system can be controlled from anywhere, anytime.



#### 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







Simple wall controller



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

### e3™Wi-Fi Edition specifications

e3 · ···vvi-	3' "WI-FI Edition specifications								
Model No.	Indoor Unit		ASTG09KMCB	ASTG12KMCB	ASTG18KMCB	ASTG22KMCB	ASTG24KMCB	ASTG30KMTB	ASTG34KMTB
Model No.	Outdoor Uni	t	AOTG09KMCB	AOTG12KMCB	AOTG18KMCB	AOTG22KMCB	AOTG24KMCB	AOTG30KMTB	AOTG34KMTB
CAPACITY	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)
(RANGE)	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
SIAN NATING	COOL		5.0	3.5	3.5	3.0	2.5	2.0	2.0
RUN CURRENT	HEAT/COOL	Α	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 REM	10VAL	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 NOIS	E		47	49	48	52	52	5	54
AIR CIRCULATION	INDOOR	I/s	194	200	258	278	311	38	89
	INDOOR	mm	268 x 84	10 x 203	;	295 x 940 x 270	340 x 11	50 x 280	
DIMENSIONS	INDOOR	kg	8	.5	14			18	
AND WEIGHTS (HXWXD)	OUTDOOR	mm	540 x 79	90 x 290		620 x 790 x 290		830 x 900 x 330	914 x 970 x 370
		kg	3	4		40		61	75
OUTDOOR OPERATING	HEAT	Degree				-15 to 24			
TEMPERATURE	COOL	2 29,00	10 t	o 46			-10 to 46		
REFRIGERANT						R32			



### 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































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



The 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.



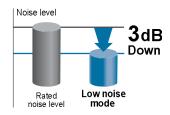
### **Human Sensor**

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.



### 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

**⊅ 26 %**♡

controller

controller

Universal wall Simple wall Touch screen controller







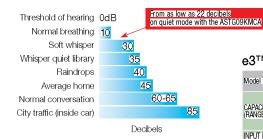
UTY-RNRYZ1\*

UTY-RVNYN UTY-RNNYN UTY-RSNYN

\*ASTG30KMTA and ASTG34KMTA only

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

### Quieter than a human whisper



#### **Healthy Air Filters**

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





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

Fujitsu is recommended by Asthma New Zealand

### e3™Classic series specifications

Model No Indoor Unit			ASTG09KMCA	ASTG12KMCA	ASTG18KMCA	ASTG22KMCA	ASTG24KMCA	ASTG30KMTA	ASTG34KMTA	
Model No.	Outdoor Unit	1	AOTG09KMCA	AOTG12KMCA	AOTG18KMCA	AOTG22KMCA	AOTG24KMCA	AOTG30KMTA	AOTG34KMTA	
CAPACITY	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)	
(RANGE)	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 / 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	
STANTIALING	COOL		5.0	3.5	3.5	3.0	2.5	2.0	2.0	
RUN CURRENT		Α	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 REM	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 NOIS	Ε		47	49	48	52	52	5	4	
AIR CIRCULATION	INDOOR	l/s	194	200	258	278	311	38	39	
	INDOOR	mm	268 x 840 x 203		2	295 x 940 x 270	340 x 1150 x 280			
DIMENSIONS	INDOOR	kg	8.	5		14	18			
AND WEIGHTS (HXWXD)	OUTDOOR	mm	540 x 79	0 x 290	620 x 790 x 290			830 x 900 x 330	914 x 970 x 370	
		kg	3-	4		40		61	75	
OUTDOOR OPERATING	HEAT	Degree			-15 to 24			-10 to 46		
	COOL	Dogree	10 to	46	-10 to 46			-151	0 24	
REFRIGERANT			R32							



### 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































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



### Super Energy Efficient Compact Designs Breakthrough Features R32 Refrigerant





### e3<sup>™</sup>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.



### e3<sup>™</sup>WiFi<sup>n)</sup>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.



### e3 Design series

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





### 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.

### Universal Wall Controller

(Optional extra)

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

### 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.

### Simple Wall Controller

(Optional extra)

#### Features

26 %℃

UTY-RVNYN

UTY-RNNYN

- 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-RSNYN

### 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,

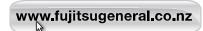


UTY-RNRYZ

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.

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.





### 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

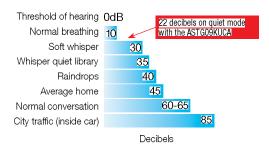
Fujitsu's outside units are very compact, with low operating noise from the efficient airflow structure.

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.



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

Heat Pump consultants displaying the SELECTOR you need. '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:

- 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.



## 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.



# LOOK WHAT'S BEHIND



