FUJITSU HI-WALL RANGE





NEW ZEALAND'S FAVOURITE AIR®

FUJITSU'S COMPREHENSIVE HI-WALL RANGE

This range offers everything you could ever want in a hi-wall heat pump. When you choose a Fujitsu, you will be getting better efficiency with more Energy Star qualified heat pumps than any other brand. You will also be choosing great looks, effortless heating (and cooling), healthy air features, near silent operation and state-of-the-art engineering from the world's specialist heat pump company.







New Zealand's Most Energy Efficient

COMPACT HI-WALL PREMIER

Very compact size at 790mm wide. Super efficient, with COP up to 4.66. NZ's popular choice in heat pumps.



HI-WALL PREMIER PLUS

Award winning compact design with superior controllability. 40 years of innovation in one heat pump.



HI-WALL PREMIER LARGE CAPACITY

Powerful heating performance – smart, stylish and very efficient.

NOCRIA



Very efficient, with unique, world-beating features. It even cleans itself! NZ's super-efficient heat pump.

The Fujitsu Hi-Wall Range has everything you need for a warm, cozy and healthy home environment. No wonder it's New Zealand's favourite air.

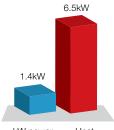






WHAT IS FUJITSU BETTER HEAT?

Better Heat" is more than efficient home heating. It gives you the best possible economy, all the features you need and the Fujitsu Better Heat" Guarantee. So you can be sure you are getting the available to enhance your comfortable home lifestyle.



kW power Heat

delivered

BFTTFR HFAT FFFICIFNCY

Fujitsu have more Energy Star® rated heat pumps than any other brand and lead the way in bringing you energy saving features. The Fujitsu Hi-Wall range stands out in efficiency for both heating and cooling; returning up to \$6.50 worth of heat for every \$1.40 you spend on power. That will reduce your heating bills!



Only Fujitsu guarantees you will get the heat you need.

BETTER HEAT GUARANTEE

We are so confident that you will be delighted with your new Fujitsu, our Heat Specialists now offer the written Fujitsu Better Heat™ Guarantee. This is your assurance that the Fujitsu Heat Pump specified for your home will deliver on its promised performance.

Ask your Fujitsu Heat Specialist for a no-obligation "Comfort Selector" report. You will see all the information you need - such as running costs, features and operating tips - as well as the quotation to buy and have it installed by an Accredited Heat Specialist.



ACCREDITED HEAT SPECIALISTS

Fujitsu is the only company in New Zealand that runs the respected accreditation scheme for independent Heat Specialists and Installation Technicians.

To achieve accreditation, the Specialist must satisfy Fujitsu that they have the experience, training and specialist equipment to install your new Fujitsu heat pump in accordance with manufacturer requirements and complying with best trade practices.

That means you can be confident that you'll have the services of a real professional, who can also offer a free 6-year warranty on parts and labour - New Zealand's longest.





The Fujitsu Premier Plus gives you 40 years of innovation in one heat pump. Its compact, slim design fits any interior and the many clever features will add more power savings, convenience and healthier fresh air to create your warm and comfortable environment.

CONVENIENCE PLUS

Set-and-forget remote controller

This smart, very thin remote has a large, easy-toview LCD display with a one-touch button. Best of all is its built-in 7-day timer, so you need only set and forget. It also has sleep and standard program timers.



The ON / OFF timer can be set up to 4 times in one day and 28 times in one week, while the sleep and standard program timers can be selected with one button push. Once set to your requirements you can forget all about your Fujitsu, whilst living in the comfort of your perfect environment.

ENERGY SAVINGS PLUS

Human sensor control

The human sensor infrared technology senses human presence (and not just movement). So it will switch to saving operation 20 minutes after people leave the room. This will reduce the temperature by a maximum 4°C when in heating mode, until someone returns to the room,

when the heat pump will return to the original heat settings.



Human sensor's coverage



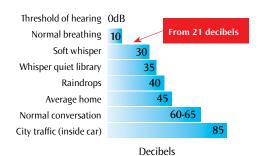


Economy operation

Switch to economy operation and you will be saving even more energy with this already efficient heat pump. Using this operation will shift the indoor temperature by 1°C and suppress the power of the outdoor unit.

Just quietly

Brilliant fan technology means that your Premier Plus is as quiet as it gets. In fact, quieter than a soft whisper.



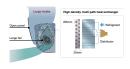
Powerful operation mode

Powerful operation is boosted with maximum full power and strong airflow, which gives you both rapid heating or cooling, to change the room temperature quickly.

PLUS ADVANCED ENGINEERING

Indoor unit: quicker heating

Our indoor units are equipped with high-density multi-path heat exchangers to increase the



heating (and cooling) efficiency. Quicker heating is achieved by adopting an open panel and large-diameter long fan which increases both air intake and outflow.

Outdoor unit: compact and quieter

This compact unit has a DC twin rotary compressor to more effectively utilise the available high capacity. The operating noise is also reduced due to an efficient airflow structure design.



Blue fin protection

The outdoor unit fins are coated with a blue corrosionresistant material to enhance durability and extend the performance life of your heat pump.

Healthy air filtration

The Premier Plus has Apple Catechin filters to collect fine dust, invisible mould spores, and allergens such as pollen from the air. It also has long-life ion deodorisation filters to absorb household odours such as kitchen and pet smells.



recommended by Asthma New Zealand

The result is a fresher, healthier home environment, which is why Fujitsu is recommended by Asthma New Zealand.

Premier Plus specifications

				INVERTER	INVERTER	INVERTER	
Model No.		oor Unit		ASTG09LUC*	ASTG14LUC∗	ASTG18LUC★	
		loor Unit		AOTG09LUC	AOTG14LUC	AOTG18LUC	
Cooling Capa	Cooling Capacities			2.5	4.2	5.0	
Cooling Rang	e		kW	0.5 - 3.3	0.9 - 5.0	0.9 - 5.8	
Heating Capa	cities		kW	3.4	5.4	6.0	
Heating Rang	e		kW	0.5 - 4.2	0.9 - 6.0	1.05 - 7.3	
		Cool		4.0	2.0	2.0	
Star Rating		Heat		4.0	2.5	3.0	
E.E.R Cool			W/W	4.31	3.36	3.27	
C.O.P Heat			W/W	4.36	3.67	3.80	
D		Cool	Amps	2.8	5.7	6.5	
Running Curr	ent	Heat	Amps	3.7	6.4	6.7	
In much Downson (Cool	kW	0.58 (1.42)	1.25 (2.13)	1.53 (2.25)	
Input Power ((VIAX)	Heat	kW	0.78 (1.78)	1.47 (2.49)	1.58 (3.20)	
Moisture Rem	oval		L/Hr	1.3	2.1	2.6	
Fan Speeds				4			
Air Circulation	n (hea	t)	l/s	222	264	272	
		Quiet	Dba at 1m	21	25	29	
Indoor Sound		Low	Dba at 1m	32	33	37	
Pressure Leve	I	Med	Dba at 1m	36	40	43	
		High	Dba at 1m	42	45	47	
Outdoor Sour	nd Pre	ssure Level	Dba at 1m	49	50	53	
	I.U	Height	mm	282			
		Width	mm	870			
		Depth	mm	185			
Dimensions		Net Weight	kg	9.5	9.5	9.5	
and Weights	O.U	Height	mm	540	540	620	
		Width	mm	660	790	790	
		Depth	mm	290	290	290	
		Net Weight	kg	25	34	40	
Outdoor Cool Operating Temp Heat		Cool	Degree C	10°C to 46°C			
		Heat	Degree C	-15°C to 24°C			













ASTG09LVC*

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

ASTG12LVC*

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

ASTG18LVC*

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

ASTG22LVC*

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

























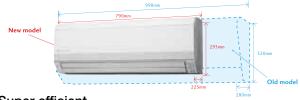




This extremely popular heat pump range is very compact with smart flat panel fascia and the most advanced engineering within. Fantastic energy savings are achieved with Fujitsu's improved heat exchange technology as well as offering near silent operation, healthy fresh air filters and many more extra features.

Compact design

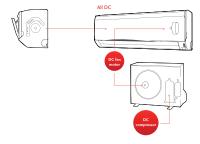
New Zealand's smallest 7.0kW Indoor unit



Super efficient

Significantly higher energy efficiency has been achieved with Fujitsu's DC twin rotary compressor, DC Inverter control

and DC fan motor technologies.



Healthy air filters

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



Catechin filter



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

The filter contains catechin which is highly effective against many bacteria because it suppresses the growth of bacteria absorbed by the filter.

Long-life ion deodorisation filter (optional)



This filter absorbs common household odours such as kitchen and pet smells.

Super quiet

ALL Fujitsu Hi-Wall models are equipped with 4 fan speeds including quiet fan mode, allowing some of the indoor units to operate as low as 21 decibels. In addition to this, Fujitsu's fan technology means that our models are quieter even when working their hardest to quickly heat or cool a room.

10°C heat operation

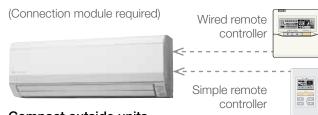
This function on the remote control will prevent the room temperature from falling below 10°C, so the room will never be too cold when you are away.



STANDARD CONTROL OPTIONS

- Four timer settings (On/Off/Program/Sleep timers)
- Easy to operate controls
- Easy-to-change across all modes

Optional remote controls



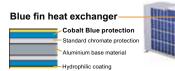
Compact outside units

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

Blue fin heat exchanger

65% of Kiwis live within reach of salt-laden air. That's why Fujitsu's outside heat exchange units are coated with a blue corrosion-resistant material to enhance durability and help

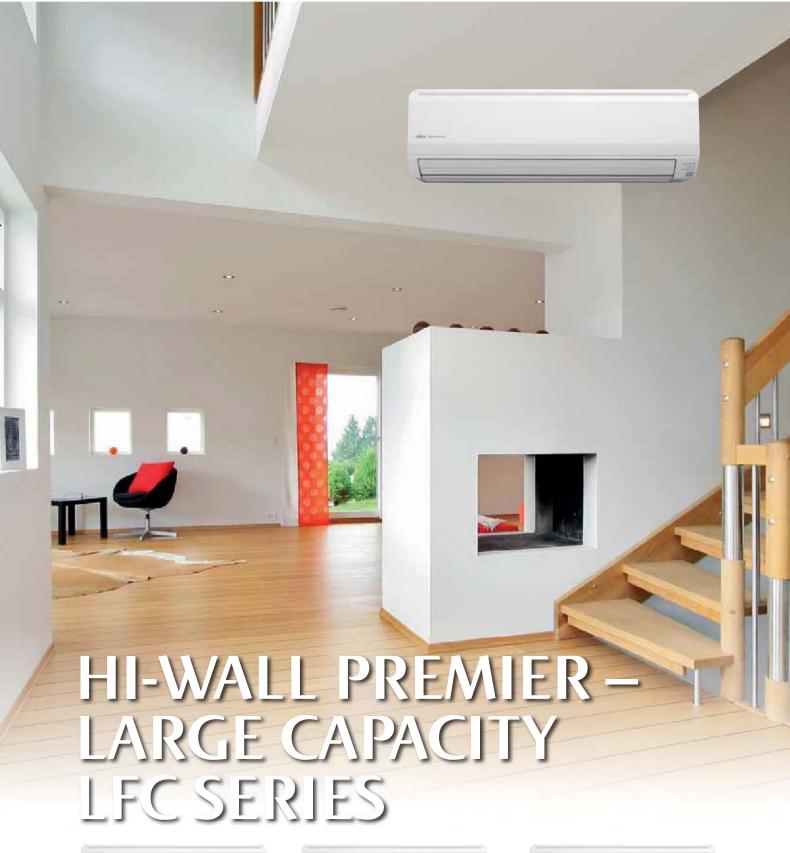
extend the performance life of your heat pump.



Compact Hi-Wall specifications

				INVERTER	INVERTER	INVERTER	INVERTER	
Indo		oor Unit		ASTG09LVC*	ASTG12LVC*	ASTG18LVC∗	ASTG22LVC*	
Model No.	Outde	oor Unit		AOTG09LVC	AOTG12LVCB	AOTG18LVCB	AOTG22LVCB	
Cooling Capa	cities		kW	2.5	3.5	5.0	6.3	
Cooling Range			kW	0.5 - 3.3	0.9 - 4.0	0.9 - 5.8	0.9 - 7.3	
Heating Capa	cities		kW	3.4	3.4 4.8 6.0		7.2	
Heating Rang	e		kW	0.5 - 4.0		1.05 - 8.1	1.05 - 8.7	
Star Rating		Cool		4.0	3.0	2.0	2.0	
		Heat		4.5	4.0	3.5	2.5	
E.E.R Cool			W/W	4.31	3.80	3.27	3.23	
C.O.P Heat			W/W	4.66	4.32	4.03	3.55	
Dunning Curr	ont	Cool	Amps	2.8	4.2	6.5	8.2	
Running Curr	ent	Heat	Amps	3.5	5.0	6.3	8.5	
Input Power (May)	Cool	kW	0.58 (1.24 Max)	0.92 (1.42 Max)	1.53 (2.03 Max)	1.95 (2.75 Max)	
input rower ((VIAX)	Heat	kW	0.73 (1.56 Max)	1.11 (2.0 Max)	1.49 (3.19 Max)	2.03 (4.18 Max)	
Moisture Rem	ioval		L/Hr	1.3	1.8	2.6	2.7	
Fan Speeds				4				
Air Circulation	n (hea	t)	l/s	225	239	267	267	
		Quiet	Dba at 1m	21	21	29	32	
Indoor Sound		Low	Dba at 1m	30	30	35	37	
Pressure Leve	I	Med	Dba at 1m	36	37	40	42	
		High	Dba at 1m	41	42	46	48	
Outdoor Sour	nd Pres	ssure Level	Dba at 1m	47	48	53	55	
Dimensions and Weights		Height	mm	293				
	I.U	Width	mm	790				
		Depth	mm	225				
		Net Weight	kg	9.5	9.5	9.5	12	
	O.U	Height	mm	540	540	620	620	
		Width	mm	660	790	790	790	
		Depth	mm	290	290	290	290	
		Net Weight	kg	26	35	40	42	
Outdoor Cool		Degree C	10 to 46					
Operating Temp H		Heat	Degree C	-15 to 24				











ASTG24LFC*

Heating capacity: 8.0kW Heating efficiency: COP 3.54 Cooling capacity: 6.8kW Cooling efficiency: EER 3.33

ASTG30LFC*

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

ASTG34LFC*

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





























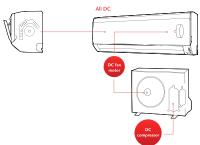




These smart looking models pack a punch with very powerful performance and are still super energy efficient. In fact, they will heat large areas effortlessly yet give you the quietness, energy savings and extra features you'd expect from Fujitsu.

Super efficient with total DC engineering

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



Healthy air filters

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



Apple-Catechin filter (optional)



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

The filter contains catechin which is highly effective against many bacteria because it suppresses the growth of the bacteria absorbed by the filter.

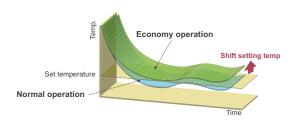
Long-life ion deodorisation filter (optional)



This filter absorbs common household odours such as kitchen and pet smells.

Economy operation

Switch to economy operation and you will be saving even more energy with this already efficient heat pump. Using this operation will shift the indoor temperature by 1°C and suppress the power of the outdoor unit.



Super quiet

ALL Fujitsu Hi-Wall models are equipped with 4 fan speeds including quiet fan mode, allowing some of the indoor units to operate as low as 21 decibels. In addition to this, Fujitsu's fan technology means that our models are quieter even when working their hardest to heat or cool a room quickly.

Compact outside units

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

Blue fin protection

The outdoor unit fins are coated with a blue corrosionresistant material to enhance durability and extend the performance life of your heat pump.



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

				INVERTER	INVERTER	INVERTER	
Model No. Indoor Unit Outdoor Uni		or Unit		ASTG24LFC*	ASTG30LFC*	ASTG34LFC∗	
		oor Unit		AOTG24LFL	AOTG30LFT	AOTG34LFT	
Cooling Capacities			kW	6.8	8.0	9.2	
Cooling Rang	e		kW	0.9 - 8.3	0.9 - 8.3 2.9 - 9.0		
Heating Capa	cities		kW	8.0 9.0		10.0	
Heating Rang	Heating Range		kW	0.9 - 10.6 2.2 - 11.0		2.7 - 11.2	
Star Rating	Ctor Doting			2.0	2.0	2.0	
Juli Katilig		Heat		2.5 2.0		2.0	
E.E.R Cool			W/W	3.33 3.31		3.29	
C.O.P Heat			W/W	3.54	3.41	3.30	
Running Curr	ont	Cool	Amps	8.6	10.2	11.8 12.8	
Kullilling Cull	CIIL	Heat	Amps	9.5	9.5 11.1		
Input Power (May)	Cool	kW	2.04 (3.21 Max)	2.42 (4.04 Max)	2.8 (4.40 Max)	
input rower ((VIAX)	Heat	kW	2.26 (4.40 Max) 2.64 (4.52 Max)		3.03 (4.52 Max)	
Moisture Rem	ioval		L/Hr	2.7 3.2		3.5	
Fan Speeds				4			
Air Circulation	Air Circulation (heat)		l/s	311 319		339	
		Quiet	Dba at 1m	32	33	34	
Indoor Sound		Low	Dba at 1m	37	37	37	
Pressure Leve	I	Med	Dba at 1m	42	42	42	
		High	Dba at 1m	47 49		52	
Outdoor Sour	nd Pres	ssure Level	Dba at 1m	53			
	I.U	Height	mm	320			
		Width	mm	998			
		Depth	mm	238			
Dimensions		Net Weight	kg	14			
and Weights	O.U	Height	mm	578	830	1,290	
		Width	mm	790	900	900	
		Depth	mm	315	330	330	
		Net Weight	kg	43	61	86	
Outdool		Cool	Degree C	-10 to 46 -10 to 46		-5 to 46	
Operating Temp		Heat	Degree C	-15 to 24			





AWTZ14LBC AWTZ18LBC AWTZ24LBC Heating capacity: 6.0kW Heating capacity: 6.7kW Heating capacity: 8.5kW Heating efficiency: COP 3.62 Heating efficiency: COP 4.44 Heating efficiency: COP 4.11 Cooling capacity: 4.2kW Cooling capacity: 5.2kW Cooling capacity: 7.4kW



Cooling efficiency: EER 4.12













Cooling efficiency: EER 3.29

















Cooling efficiency: EER 3.01



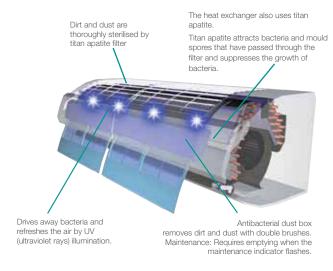
The world exclusive heat pump that is less obtrusive because it sits higher on the wall (just under the ceiling). It has revolutionary features, including vastly improved heating and cooling efficiency, brilliant filtration systems and automatic filter cleaning. It even cleans itself!

Automatic filter cleaner

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

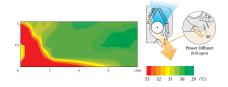
The filter is also cleaned automatically – so you don't have to clean it yourself, but most importantly, the heat pump will continue to operate at 100% efficiency because it will not become clogged.

Entire filter is cleaned automatically in approximately 2 minutes.



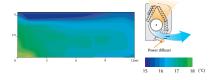
Air flow performance

Strong vertical air flow provides powerful floor level heating.



Outside air conditions: 2°C 60% Operation contents: Heating, Set temperature (Max set temp) 30°C, Air flow Hi,

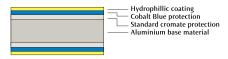
Healthy horizontal air flow does not blow air directly at the occupants in the room.



Outside air conditions: 35°C 40% Operation contents: Set temperature (Min set temp) 18°C, Air flow Hi, Air direction downward and front

Cobalt blue heat exchanger

The outdoor unit fins are coated with a blue corrosionresistant material to enhance durability and extend the performance life of your heat pump.

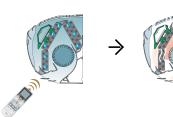


Hi power operation



Coil drying operation

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









Nocria specifications

				INVERTER	INVERTER	INVERTER	
Model No		or Unit		AWTZ14LBC	AWTZ18LBC	AWTZ24LBC	
		oor Unit		AOTZ14LBL AOTZ18LBL		AOTZ24LBT	
Cooling Capacities		kW	4.2 5.2		7.4		
Cooling Rang	e		kW	0.9 - 5.3		0.9 - 8.0	
Heating Capa	cities		kW	6.0 6.7		8.5	
Heating Rang	je		kW	0.9 - 9.1 0.9 - 9.7		0.9 - 11.0	
C. D.:		Cool	3		1.5	1	
Star Rating		Heat	4 3		2.5		
E.E.R Cool			W/W	4.12	3.29	3.01	
C.O.P Heat			W/W	4.44	4.11	3.62	
D		Cool	Amps	4.3	6.6	10.4	
Running Curr	ent	Heat	Amps	5.7	6.9	9.9	
In much Dance (143	Cool	kW	1.02 (1.75 Max)	1.58 (2.0 Max)	2.46 (2.62 Max)	
Input Power (max)	Heat	kW	1.35 (2.95 Max)	1.63 (3.2 Max)	2.35 (3.68 Max)	
Moisture Removal		L/Hr	2.1	2.8	3		
Fan Speeds				5			
Air Circulation (heat)			I/s	261	261	272	
		Quiet	Dba at 1m	29	29	36	
Indoor Sound		Low	Dba at 1m	35	35	40	
Pressure Leve	I	Med	Dba at 1m	43	43	43	
		High	Dba at 1m	46	46	47	
Outdoor Sound Pressure Level		ssure Level	Dba at 1m	47 48		54	
		Height	mm	250			
	LU	Width	mm	899			
	1.0	Depth	mm	298			
Dimensions		Net Weight	kg	13.5	13.5	14	
and Weights	O.U	Height	mm	578	578	830	
		Width	mm	790	790	900	
		Depth	mm	300	300	330	
		Net Weight	kg	39	39	62	
Outdoor Operating Temp		Cool	Degree C	-10 to 43			
		Heat	Degree C	-15 to 24			



HOW FUJITSU EXPERTISE LEADS THE WAY



NEW ZEALAND'S FAVOURITE AIR™

FUITSU ARE HEAT PUMP SPECIALISTS

That's why you can rely on Fujitsu engineering to deliver all the heat you need, just when you need it. You will be as warm as toast when it's freezing outside and with the reverse cycle using the same engineering to cool and dehumidify your home environment, you will be cool and comfortable in summer.

BETTER POWER SAVINGS



Fujitsu's DC and Inverter technologies save even more power than before.

The savings are significant, for example, with a COP of 4.66 for the ASTG09 hi-wall, you will get up to 4.66kW of heat for every 1kW of power you use. Sounds unbelievable doesn't it, but it's true. Fujitsu also has more Energy Star® heat pumps than any other brand.



PH 0800 KIWIHEAT

www.kiwiheatpumps.co.nz **Auckland Wide**

COMFORT SELECTOR™

This clever program is a free service from your Fujitsu Accredited Heat Specialist. It will show you:

- All about your home
- The perfect heat pump for you
- Cost to run (and savings comparison)
- Heat pump features and benefits
- Efficient running tips
- Better Heat™ Guarantee



Explanation of terms

Capacity - the higher the capacity, the more area and faster the heat pump will heat (and cool) the room.

COP – Stands for coefficient of performance or (more simply!), the relationship between energy used and heat delivered. For example with a heating COP of 4.11 – you will get 4.11kW of heat for every 1kW of energy used.

Energy Star Rating – your quick guide to energy efficiency – more stars means more efficient.

Indoor Sound - measured in decibels, this is the sound level of your indoor unit at selected fan speeds. For example 20-30 decibels is less than the sound of a human whisper

Heating Range – with our Kiwi winter, your heat pump needs to be able to supply heat indoors, even when its -15°C outside!

Explanation of Features



The micro-computer is an effective air dehumidifier



Up/Down Swing Louvers The up/down flaps automatically swing to up and down.



Right/Left Swing Louvers The right/left flaps automatically swing in either direction.



Double Swing Automatic Complex swing action of flaps enables automatic swing in both horizontal and vertical directions.



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 Shut Louvers The auto shut louvers close or open automatically when the unit stops or starts.



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 heat pump will automatically restart in the same operating mode as before, once the power supply is restored.



Auto-Changeover

The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



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!



Long-life Ion deodorisation filter



Apple-Catechin Filter



Economy Mode





Washable Panel



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.



Human Sensor



Powerful Heating



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



Energy Star - your quick guide to New Zealand's most energy efficient products

Fujitsu General proud sponsors of:















