

FUJITSU

NEW ZEALAND'S FAVOURITE AIR®

HEAT PUMP CATALOGUE

HEATING /
AIR CONDITIONING
SOLUTIONS

COME HOME TO FUJITSU COMFORT
6 YEAR PARTS & LABOUR WARRANTY
WHEN YOU USE A FUJITSU ACCREDITED INSTALLER

WHY CHOOSE FUJITSU?

NEW ZEALAND'S FAVOURITE AIR®

Fujitsu General is a leading supplier of Heat Pumps/Air Conditioners in New Zealand with a portfolio to suit both residential and commercial applications.

We focus all of our research and manufacturing strengths into Heat Pumps/Air Conditioners which has resulted in the extensive range of world-class, energy efficient, market-leading systems.

Fujitsu General strives to consistently provide high quality, reliable products accompanied by superior customer service. To be 'New Zealand's Favourite Air®' means to be the best heating/air conditioning company to deal with in New Zealand, not just a leading heating/air conditioning brand.

That's why we're proud to say we are 'New Zealand's Favourite Air®'.

PEACE OF MIND

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/Air Conditioner. Ask to see their red card!

NEW ZEALANDS LONGEST MANUFACTURER'S WARRANTY

Fujitsu believe in the quality and reliability of every Heat Pump/Air Conditioner we sell. 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.



STATE OF THE ART RESEARCH AND DEVELOPMENT

Our state of the art research and development centre, located at our headquarters in Japan, is equipped with numerous testing facilities simulating a variety of heating and cooling operating conditions.

PERFORMANCE TESTING UNDERTAKEN INCLUDES:

- Evaluating the units heating and cooling capacity under varied temperature and humidity conditions
- Testing the units air volume and air flow distance
- Measuring the units operating noise
- Evaluating the units durability to withstand outdoor weather extremes.

This rigorous testing is aimed at meeting Fujitsu's high standard of product quality and reliability.



WHY CHOOSE FUJITSU?

AIR FILTERS

Fujitsu's advanced filter systems contribute to a fresher and cleaner living environment. Fujitsu's Apple-Catechin filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® Programme.



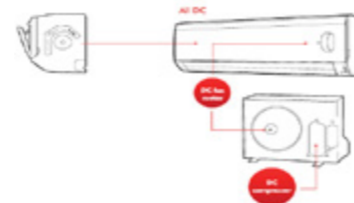
COBALT BLUE PROTECTION

The Fujitsu outside unit heat exchanger fins are 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/Air Conditioner.



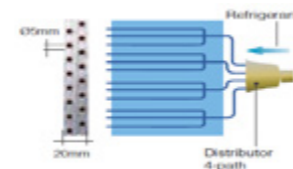
DC INVERTER TECHNOLOGY

High energy efficiencies are achieved with Fujitsu's twin rotary DC compressor, DC inverter control and DC fan motor technology.



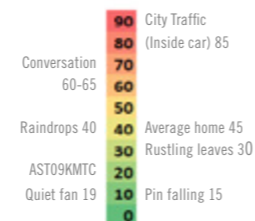
HIGH EFFICIENCY HEAT EXCHANGER

High density multi-path heat exchanger. Heat exchange performance is substantially improved by thin and high density heat exchanger and multi-path efficiency technology.



JUST QUIETLY

Using the latest fan technology plus 'quiet mode' means Fujitsu Heat Pumps/Air Conditioners are very quiet. Compare our decibel noise levels on the chart adjacent.



PERFORMANCE GUARANTEE

We are so confident that you will be delighted with the effectiveness of your new Fujitsu Heat Pump/Air Conditioner that the installer can offer you a written Performance Guarantee. This is your assurance that the new Heat Pump/Air Conditioner 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 dealers 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

The comfort selector is a sizing application that is used by the installer to help select the right Heat Pump/Air Conditioner for you. It will:

1. Assess everything about your home/workplace, 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/Air Conditioner running costs (it will even show you the savings you could make)
 - Heat Pump/Air Conditioner features and benefits
 - Efficient running tips
 - Heat Performance Guarantee
 - Quotation


So now you can be sure that your choice will be the best possible Heat Pump/Air Conditioner for you.





FEATURES


NOTE: NOT ALL FEATURES AVAILABLE ON ALL MODELS, PLEASE REFER TO FEATURES CHECKLISTS.


COMFORT FUNCTIONS

 **AUTOMATIC AIR FLOW ADJUSTMENT**
When auto mode is selected for the fan, the micro-processor adjusts the airflow to follow changes in room temperature.

 **AUTO RESTART**
Should there be temporary loss of power, the unit will automatically restart itself in the same operating mode, once the power is restored.

 **AUTO-CHANGEOVER**
The unit automatically switches between heating and cooling modes based on the temperature setting and room temperature.


 **AUTOMATIC LOUVRE**
The position of the louvres is set automatically to match the operating mode. It is also possible to adjust the louvres using the remote control.

 **DOUBLE SWING AUTOMATIC**
Complex swing action of the louvres enables them to swing automatically in both horizontal and vertical directions.

 **RIGHT / LEFT SWING LOUVRE**
The right / left louvre automatically swings in either direction.


 **UP / DOWN SWING LOUVRE**
The up / down louvre automatically swings up and down.

 **AUTO SHUT LOUVRE**
The auto shut louvres 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, ensuring that the room does not get too cold when not occupied.


CONVENIENCE FUNCTIONS

 **WEEKLY TIMER**
Different ON-OFF times can be set for up to 7 days.


 **WEEKLY + SETBACK TIMER**
Weekly + Setback timer can set temperature for two time spans and for each day of the week.

 **PROGRAM TIMERS**
This timer allows selection of one of four options; ON, OFF, ON -> OFF, or OFF -> ON.


 **ON-OFF TIMER**
ON-OFF timer can be set to operate once every 24 hours.


 **SLEEP TIMER**
The micro-processor gradually changes the room temperature, allowing you to sleep comfortably at night.

 **SUPER QUIET MODE**
The indoor units fan can operate at a low speed to produce quieter operation.


 **FILTER SIGN**
Select appropriate intervals for displaying the filter sign on the indoor unit according to the estimated amount of dust in the air of the room.

ENERGY SAVING FEATURES


 **ECONOMY MODE**
The economy operation will save energy in heating, cooling and dry mode. Economy operation is set by pressing the button on the remote control.

 **HUMAN SENSOR**
The sensor detects the movement of people in the room. The unit can be set into either an auto saving or auto off mode to help save energy.

CLEAN FUNCTIONS

 **WASHABLE PANEL**
Dust which accumulates on the Heat Pump/Air Conditioner can be easily cleaned with a damp cloth.

 **APPLE-CATECHIN FILTER**
Fine dust, invisible mould spores and harmful microorganisms are absorbed onto the filter by static electricity and further growth is inhibited and deactivated by the polyphenol ingredient extracted from apples.

 **LONG-LIFE ION DEODORISATION FILTER**
The filter deodorises by powerfully decomposing absorbed odours using the oxidising and reducing effects of ion generated by the ultra-fine-particle ceramic.





LIFESTYLE HI-WALL RANGE

WHY CHOOSE OUR LIFESTYLE RANGE?

The Lifestyle Range has stylish designs to blend in seamlessly with the decor of your home or workplace.

EASE OF USE

All models across the Lifestyle Range are accompanied by a simple and easy to use controller, giving you control over the indoor comfort of your home/workplace, right at your fingertips. With features such as low noise mode, economy operation and program timers, you can tailor your comfort needs at the touch of a button.

ENERGY EFFICIENCY

The Lifestyle Range is amongst the most energy efficient Heat Pump/Air Conditioner range Fujitsu has designed. With built-in features such as high efficiency DC componentry, Power Diffusers, and High Density Multi-Path Heat Exchangers, these Heat Pump/ Air Conditioners use less power than ever before.

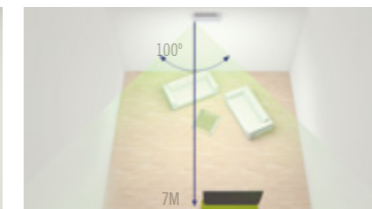
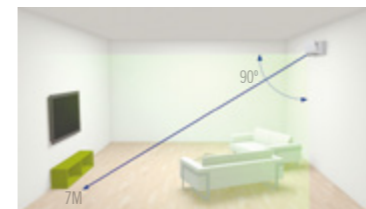
With some models reaching a 5 star energy rating, year round comfort can be more affordable for you and your family.



HUMAN SENSOR CONTROL

All models in the Lifestyle Range contain human sensor control, an intelligent feature which detects movement of people to deliver optimum efficiency and temperature control. When in operation, if the sensor detects no movement in a room after 20 minutes, the Heat Pump/Air Conditioner will automatically switch to energy saving operation, modifying temperature to minimise energy consumption.

When movement is detected within the room, the Heat Pump/Air Conditioner reverts back to its previous setting.



ADVANCED FILTER SYSTEMS

Fujitsu's advanced filter systems contribute to a fresher and cleaner living environment. Apple Catechin filters are approved by the Asthma & Respiratory Foundation NZ's Sensitive Choice® Programme.



FUJITSU

NEW ZEALAND'S FAVOURITE AIR®

LIFESTYLE HI-WALL RANGE KMTC

INDOOR UNITS



OUTDOOR UNITS



AVAILABLE OPTIONAL CONTROLLERS



*Optional Communication Kit required for connection.

FEATURES CHECKLIST

FEATURES	SET-ASTG09/12KMTC	SET-ASTG18/22/24KMTC	SET-ASTG30/34KMTC
COMFORT FUNCTIONS			
Up / Down swing louvre	✓	✓	✓
Right / Left swing louvre		✓	✓
Automatic louvre	✓	✓	✓
Auto shut louvre	✓	✓	✓
Double auto swing louvres		✓	✓
Automatic air flow adjustment	✓	✓	✓
Auto restart	✓	✓	✓
Auto-changeover	✓	✓	✓
10°C HEAT operation	✓	✓	✓
Powerful mode	✓	✓	✓
CONVENIENCE FUNCTIONS			
Low noise mode	✓	✓	✓
Sleep timer	✓	✓	✓
Program timer	✓	✓	✓
Weekly timer	✓	✓	✓
Weekly + setback timer	o	o	o
On-off timer	✓	✓	✓
Filter sign	✓	✓	✓
ENERGY EFFICIENT FUNCTIONS			
Human sensor	✓	✓	✓
Economy mode	✓	✓	✓
CLEAN FUNCTIONS			
Long-life ion deodorisation filter	✓	✓	✓
Apple-catechin filter	✓	✓	✓
Washable panel	✓	✓	✓

o Optional feature when using a wired controller and communication kit (excludes Simple Wired Controller)

For Product Specifications refer to pages 24 - 25

LIFESTYLE HI-WALL RANGE KUCA

INDOOR UNITS



ASTG09/12/18KUCA



Standard Controller

OUTDOOR UNITS



AOTG09/12KUCA



AOTG18KUCA

AVAILABLE OPTIONAL CONTROLLERS



Backlit Wired Remote Controller*



Wired Remote Controller*



Simple Wired Controller*

*Optional Communication Kit required for connection.

FEATURES CHECKLIST

FEATURES	SET-ASTG09KUCA	SET-ASTG12KUCA	SET-ASTG18KUCA
COMFORT FUNCTIONS			
Up / Down swing louvre	✓	✓	✓
Automatic louvre	✓	✓	✓
Auto shut louvre	✓	✓	✓
Double auto swing louvres			
Automatic air flow adjustment	✓	✓	✓
Auto restart	✓	✓	✓
Auto-changeover	✓	✓	✓
10°C HEAT operation	✓	✓	✓
Powerful mode	✓	✓	✓
CONVENIENCE FUNCTIONS			
Low noise mode	✓	✓	✓
Sleep timer	✓	✓	✓
Program timer	✓	✓	✓
Weekly timer	✓	✓	✓
On-off timer	✓	✓	✓
Filter sign	✓	✓	✓
ENERGY EFFICIENT FUNCTIONS			
Human sensor	✓	✓	✓
Economy mode	✓	✓	✓
CLEAN FUNCTIONS			
Long-life ion deodorisation filter	✓	✓	✓
Apple-catechin filter	✓	✓	✓
Washable panel	✓	✓	✓

For Product Specifications refer to page 26

CLASSIC HI-WALL RANGE



WHY CHOOSE OUR CLASSIC RANGE?

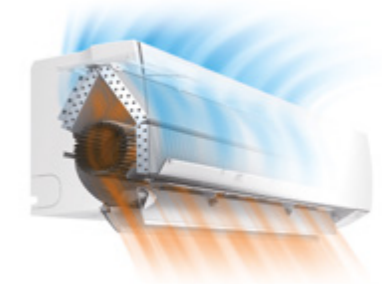
The Classic Range has a number of models available in varying capacities, making it suitable for most rooms in your home/workplace. All models are reverse cycle and contain inverter technology.

CLEAN, FILTERED AIR

The Classic Range's standard filter uses static electricity to clean fine particles and dust in the air such as tobacco smoke and plant pollen that are too small to see. The filter contains catechin, highly effective against bacteria growth, creating a safer, cleaner home for the entire family.

ENERGY EFFICIENT SYSTEMS

The Classic Range has a number of energy efficient features, helping you reduce power usage. With features such as DC rotary compressors, DC Inverter Control, DC fan motor technologies and programs allowing you to tailor your heating/air conditioning needs, year round comfort has never been more affordable.

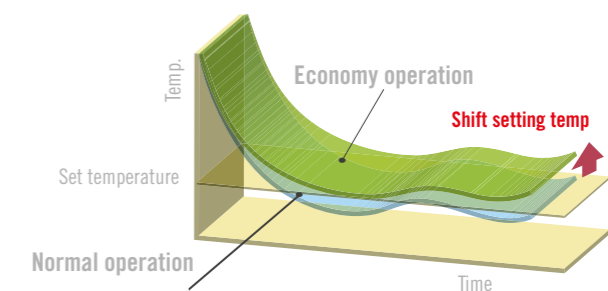


CONTROLLER OPTIONS

The Classic Range has a variety of controller options, giving you control of your climate at your fingertips. With features such as economy operation, sleep mode, and program timers, you can tailor your comfort needs at the touch of a button.

ECONOMY OPERATION

The Classic Range's Economy Operation is an energy saving setting that allows the set temperature of the indoor unit to change by 1°C intervals, limiting the maximum energy usage of the Heat Pump/Air Conditioner.



CLASSIC HI-WALL RANGE

INDOOR UNITS

COMPACT HI-WALL PREMIER



ASTG09/12/18/22LVCC

HI-WALL PREMIER LARGE CAPACITY



ASTG24/30/34FCC

HI-WALL PREMIER PLUS



ASTG14LUCB

OUTDOOR UNITS



AOTG09/12LVCC
AOTG14LUCB

AOTG18/22LVCC
AOTG24FCC

AOTG30LFC

AOTG34LFC

AVAILABLE OPTIONAL CONTROLLERS



Backlit Wired Remote Controller*



Wired Remote Controller*



Simple Wired Controller*

*Optional Communication Kit required for connection to the ASTG09/12/18/22LVCC and ASTG14LUCB models.

FEATURES CHECKLIST

FEATURES	SET-ASTG09/12/18/22LVCC	SET-ASTG24/30/34FCC	SET-ASTG14LUCB
COMFORT FUNCTIONS			
Up / Down swing louvre	✓	✓	✓
Automatic louvre	✓	✓	✓
Auto shut louvre	✓	✓	✓
Double auto swing louvres		✓	
Automatic air flow adjustment	✓	✓	✓
Auto restart	✓	✓	✓
Auto-changeover	✓	✓	✓
10°C HEAT operation	✓	✓	✓
Powerful mode	✓	✓	✓
CONVENIENCE FUNCTIONS			
Sleep timer	✓	✓	✓
Program timers	✓	✓	✓
Weekly timers	o	o	✓
On-off timer	✓	✓	✓
Filter sign	✓	✓	✓
ENERGY EFFICIENT FUNCTIONS			
Human sensor	✓	✓	✓
Economy mode	✓	✓	✓
CLEAN FUNCTIONS			
Long-life ion deodorisation filter	✓	✓	✓
Apple-catechin filter	✓	✓	✓
Washable panel	✓	✓	✓

o The weekly timer is an optional feature when using a wired controller and communication kit where applicable (excludes Simple Wired Controller)

For Product Specifications refer to pages 27 -29

COMPACT FLOOR CONSOLE

INDOOR UNITS



AGTV09/14LAC

OUTDOOR UNITS



AOTV09LAC



AOTV14LAL

AVAILABLE OPTIONAL CONTROLLERS



Backlit Wired Remote Controller



Wired Remote Controller



Simple Wired Controller

WHY CHOOSE OUR COMPACT FLOOR CONSOLES?

Our Compact Floor Consoles deliver very fast heating/cooling.

DUAL FANS

The twin fan operation gives you complete control to heat or cool your room quickly and efficiently, then switch to the top fan only to maintain your temperature quietly and effortlessly.

AIR PURIFYING FILTERS

Fujitsu's advanced filtration system helps absorb fine dust, invisible mould spores and other airborne allergens to help deliver a healthier home environment.

AUTO RESTART

Should there be a temporary loss of power, the unit will automatically restart itself in the same operating mode once power is restored.

FEATURES CHECKLIST

	SET-AGTV09LAC	SET-AGTV14LAC
FEATURES		
All DC Components	✓	✓
Apple-Catechin Filter	✓	✓
Auto Changeover	✓	✓
Auto Restart	✓	✓
Auto Shut Louvre	✓	✓
Automatic Louvre	✓	✓
Blue Fin Heat Exchanger	✓	✓
Coil Dry	✓	✓
Connect Kit	✓	✓
Economy Mode	✓	✓
On-Off Timer	✓	✓
Program Timer	✓	✓
Sleep Timer	✓	✓
Up / Down Swing Louvres	✓	✓
Washable Panel	✓	✓

For Product Specifications refer to page 30

DUAL CONSOLE

INDOOR UNITS



ABTG18LVTA/24LVTC

OUTDOOR UNITS



AOTG18LACC

AOTG24LATC

AVAILABLE OPTIONAL CONTROLLERS



Backlit Wired Remote Controller



Wired Remote Controller



Simple Wired Controller

WHY CHOOSE OUR DUAL CONSOLE?

The Dual Console models are designed to be installed on the floor or under the ceiling. An ideal alternative for consumers who don't have wall space available for a traditional wall mounted Heat Pump/Air Conditioner.

FLEXIBLE INSTALLATION

The Dual Console models are designed to be installed on the floor or under the ceiling. An ideal alternative for consumers who don't have wall space available for a traditional wall mounted heat pump.

AUTO RESTART

Should there be a temporary loss of power, the unit will automatically restart itself in the same operating mode once power is restored.

AUTO CHANGEOVER

The unit automatically switches between operating modes based on the set point temperature and room temperature.

FEATURES CHECKLIST

	SET-ABTG18LVTA	SET-ABTG24LVTC
FEATURES		
All DC Components	✓	✓
Apple-Catechin Filter	✓	✓
Auto Changeover	✓	✓
Auto Restart	✓	✓
Auto Shut Louvre	✓	✓
Automatic Louvre	✓	✓
Blue Fin Heat Exchanger	✓	✓
Coil Dry	✓	✓
Connect Kit	✓	✓
Economy Mode	✓	✓
On-Off Timer	✓	✓
Program Timer	✓	✓
Sleep Timer	✓	✓
Up / Down Swing Louvres	✓	✓
Double auto swing louvres	✓	✓
Washable Panel	✓	✓

For Product Specifications refer to page 31

COMPACT CEILING CASSETTE

INDOOR UNITS



4-WAY FLOW COMPACT
AUTG09/12LVLB
AUTG18LVLA
AUTG24LVLC

OUTDOOR UNITS



AOTG09/12LBCB



AOTG18LACC



AOTG24LATC

AVAILABLE OPTIONAL CONTROLLERS



Backlit Wired
Remote Controller



Wired Remote
Controller



Simple Wired
Controller

WHY CHOOSE OUR COMPACT CEILING CASSETTE?

The cassette heating/cooling unit is visually discreet, with a non-intrusive grille design that sits neatly under the ceiling.

FEATURES CHECKLIST

FEATURES	SET-AUTG09LVLB	SET-AUTG12LVLB	SET-AUTG18LVLA	SET-AUTG24LVLC
COMFORT FUNCTIONS				
Automatic Louvre	✓	✓	✓	✓
Auto Restart	✓	✓	✓	✓
Auto Changeover	✓	✓	✓	✓
Automatic Fan Speed	✓	✓	✓	✓
10°C HEAT Operation	✓	✓	✓	✓
CONVENIENCE FUNCTIONS				
Low Noise Mode	✓	✓	✓	✓
Super Quiet Mode	✓	✓	✓	✓
Sleep Timer	✓	✓	✓	✓
Fresh Air Intake Kit	*	*	*	*
Program Timer	✓	✓	✓	✓
Weekly Timer	o	o	o	o
On-Off Timer	✓	✓	✓	✓
Filter Sign	✓	✓	✓	✓
ENERGY EFFICIENT FUNCTIONS				
Economy Mode	✓	✓	✓	✓
ALL DC	✓	✓	✓	✓
CLEAN FUNCTIONS				
Removable Intake Grille	✓	✓	✓	✓
Washable Panel	✓	✓	✓	✓
Blue Fin Heat Exchanger	✓	✓	✓	✓

o Optional feature when using a wired controller (excludes Simple Wired Controller)

* Optional part required

For Product Specifications refer to page 32

PRODUCT SPECIFICATIONS

LIFESTYLE HI-WALL RANGE: KMTC

Set Code			SET- ASTG09KMTC	SET- ASTG12KMTC	SET- ASTG18KMTC	SET- ASTG22KMTC	
Model No.	Indoor unit		ASTG09KMTC	ASTG12KMTC	ASTG18KMTC	ASTG22KMTC	
	Outdoor unit		AOTG09KMTC	AOTG12KMTC	AOTG18KMTC	AOTG22KMTC	
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Source	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	2.50 (0.90 - 3.60)	3.50 (0.90 - 4.10)	5.00 (1.00 - 6.50)	6.00 (1.10 - 7.50)	
	Heating	kW	3.20 (0.90 - 5.30)	3.70 (0.90 - 6.10)	6.00 (1.05 - 8.70)	7.20 (1.10 - 9.40)	
Input Power	Cooling (Max)	kW	0.53 (Max 1.04)	0.89 (Max 1.29)	1.16 (Max 1.68)	1.58 (Max 2.30)	
	Heating (Max)	kW	0.66 (Max 1.61)	0.79 (Max 1.89)	1.28 (Max 2.42)	1.70 (Max 2.63)	
EER	Cooling	kW / kW	4.71	3.93	4.31	3.80	
COP	Heating	kW / kW	4.84	4.68	4.69	4.24	
Star Rating	Cooling		5.0	3.5	4.0	3.0	
	Heating		5.0	4.5	5.0	4.0	
AEER	Cooling	kW / kW	5	3.5	4	3	
ACOP	Heating	kW / kW	5	4.5	5	4	
Running Current	Cooling / Heating	amps	3.0 / 3.5	4.2 / 4	5.1 / 5.6	6.8 / 7.4	
Moisture Removal		l / hr	0.3	1.0	1.3	2.3	
Noise Level	Indoor Sound Pressure (High/Quiet)	Cooling	dBA	40 / 19	40 / 19	46 / 29	48 / 29
		Heating	dBA	40 / 21	42 / 21	46 / 29	48 / 29
	Outdoor Sound Pressure Cooling / Heating		dBA	46 / 46	49 / 49	47 / 48	49 / 52
	Outdoor Sound Power		dBA	61	64	61	65
Air Circulation (Indoor - High Fan) Cooling / Heating		l / sec	194 / 197	194 / 214	283 / 283	294 / 294	
Net Dimensions H x W x D	Indoor Unit	mm	270 x 834 x 222	270 x 834 x 222	280 x 980 x 240	280 x 980 x 240	
		kgs	10	10	12.5	12.5	
	Outdoor Unit	mm	542 x 799 x 290	542 x 799 x 290	716 x 820 x 315	716 x 820 x 315	
		kgs	32	32	42	42	
Piping Connections (Liquid / Suction)		mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70	Ø6.35 / Ø12.70	
Max Pipe Length (Precharged length)		m	20 (15)	20 (15)	30 (15)	30 (15)	
Max Height Difference		m	15	15	25	25	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant			R32	R32	R32	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.

PRODUCT SPECIFICATIONS

LIFESTYLE HI-WALL RANGE: KMTC (CONTINUED)

Set Code			SET-ASTG24KMTC	SET-ASTG30KMTC	SET-ASTG34KMTC	
Model No.	Indoor unit		ASTG24KMTC	ASTG30KMTC	ASTG34KMTC	
	Outdoor unit		AOTG24KMTC	AOTG30KMTC	AOTG34KMTC	
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Source	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	7.10 (1.10 - 8.30)	8.50 (2.90 - 10.50)	9.40 (2.90 - 11.20)	
	Heating	kW	8.00 (1.10 - 10.10)	9.00 (2.20 - 11.20)	10.30 (2.70 - 11.70)	
Input Power	Cooling (Max)	kW	2.08 (Max 3.15)	2.46 (Max 3.85)	2.78 (Max 4.03)	
	Heating (Max)	kW	1.91 (Max 3.00)	2.34 (Max 4.01)	2.84 (Max 4.24)	
EER	Cooling	kW / kW	3.41	3.45	3.38	
COP	Heating	kW / kW	4.19	3.84	3.63	
Star Rating	Cooling		2.5	2.0	2.0	
	Heating		4.0	3.0	2.5	
AEER	Cooling	kW / kW	2.5	2	2	
ACOP	Heating	kW / kW	4	3	2.5	
Running Current	Cooling / Heating	amps	8.9 / 8.3	10.4 / 10.1	11.7 / 11.9	
Moisture Removal		l / hr	2.7	2.5	3.5	
Noise Level	Indoor Sound Pressure (High/Quiet)	Cooling	dBA	49 / 29	51 / 33	52 / 34
		Heating	dBA	49 / 29	51 / 33	51 / 33
	Outdoor Sound Pressure Cooling / Heating		dBA	54 / 52	50 / 54	50 / 54
	Outdoor Sound Power		dBA	66	67	67
Air Circulation (Indoor - High Fan) Cooling / Heating		l / sec	325 / 325	389 / 389	389 / 389	
Net Dimensions H x W x D	Indoor Unit	mm	280 x 980 x 240	340 x 1,150 x 280	340 x 1,150 x 280	
		kgs	12.5	18.5	18.5	
	Outdoor Unit	mm	716 x 820 x 315	830 x 900 x 330	914 x 970 x 370	
		kgs	42	60	74	
Piping Connections (Liquid / Suction)		mm	Ø6.35 / Ø12.70	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	
Max Pipe Length (Precharged length)		m	30 (15)	75 (20)	75 (30)	
Max Height Difference		m	25	30	30	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	
Refrigerant			R32	R32	R32	

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PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATIONS

LIFESTYLE HI-WALL RANGE: KUCA

CLASSIC HI-WALL RANGE: COMPACT HI-WALL PREMIER

Set Code			SET-ASTG09KUCA	SET-ASTG12KUCA	SET-ASTG18KUCA	
Model No.	Indoor Unit		ASTG09KUCA	ASTG12KUCA	ASTG18KUCA	
	Outdoor Unit		AOTG09KUCA	AOTG12KUCA	AOTG18KUCA	
Power Source	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	2.50 (0.90-3.60)	3.50 (0.90-4.10)	5.00 (0.90-6.00)	
	Heating	kW	3.20 (0.90-5.40)	4.30 (0.90-5.70)	6.00 (1.05-7.50)	
Input Power	Cooling (Max)	kW	0.51 (0.25-1.14)	0.88 (0.25-1.38)	1.31 (0.21-2.20)	
	Heating (Max)	kW	0.67 (0.25-1.60)	1.06 (0.25-1.70)	1.58(0.20-3.10)	
EER	Cooling	kW / kW	4.90	3.98	3.82	
COP	Heating	kW / kW	4.78	4.06	3.80	
Star Rating	Cooling		5.0	3.5	3.0	
	Heating		5.0	3.5	3.0	
Running Current	Cooling / Heating	amps	2.7 / 3.3	4.3 / 4.9	5.6 / 6.7	
Moisture Removal			l / hr	1.3	1.8	2.6
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBA	42 / 21	43 / 21	47 / 29
		Heating	dBA	42 / 21	43 / 22	46 / 29
	Outdoor Sound Pressure Cooling / Heating		dBA	47 / 47	49 / 49	51 / 48
	Outdoor Sound Power		dBA	64	67	68
Air Circulation (Indoor - High Fan)			l / sec	222	236	272
Net Dimensions (H x W x D)	Indoor Unit	mm	282 x 870 x 185	282 x 870 x 185	282 x 870 x 185	
		kgs	9.5	9.5	9.5	
	Outdoor Unit	mm	540 x 790 x 290	540 x 790 x 290	620 x 790 x 290	
		kgs	34	34	40	
Piping Connections (Liquid / Suction)			mm	Ø6.35 / 9.52	Ø6.35 / 9.52	Ø6.35 / 12.70
Max Pipe Length (Precharged Length)			m	20 (20)	20 (20)	20 (20)
Max Height Difference			m	15	15	15
Operation Range	Cooling	°CDB	10 to 46	10 to 46	-10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	
Refrigerant			R32	R32	R32	

Set Code			SET-ASTG09LVCC	SET-ASTG12LVCC	SET-ASTG18LVCC	SET-ASTG22LVCC	
Model No.	Indoor unit		ASTG09LVCC	ASTG12LVCC	ASTG18LVCC	ASTG22LVCC	
	Outdoor unit		AOTG09LVCC	AOTG12LVCC	AOTG18LVCC	AOTG22LVCC	
Power Source	V / Ph / Hz		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	2.50 (0.50-3.30)	3.50 (0.90-4.00)	5.00 (0.90-5.80)	6.30 (0.90-7.30)	
	Heating	kW	3.40 (0.50-4.00)	4.80 (0.90-5.60)	6.00 (1.05-8.10)	7.20 (1.05-8.70)	
Input Power	Cooling (Max)	kW	0.58 (Max 1.24)	0.92 (Max 1.42)	1.53 (Max 2.03)	1.95 (Max 2.75)	
	Heating (Max)	kW	0.73 (Max 1.56)	1.11 (Max 2.00)	1.49 (Max 3.19)	2.03 (Max 4.18)	
EER	Cooling	kW / kW	4.31	3.80	3.27	3.23	
COP	Heating	kW / kW	4.66	4.32	4.03	3.55	
Star Rating	Cooling		4.0	3.0	2.0	2.0	
	Heating		4.5	4.0	3.5	2.5	
Running Current	Cooling / Heating	amps	2.8 / 3.5	4.2 / 5.0	6.5 / 6.3	8.2 / 8.5	
Moisture Removal			l / hr	1.3	1.8	2.6	
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBA	41 / 21	42 / 21	46 / 29	48 / 32
		Heating	dBA	42 / 22	43 / 22	46 / 30	48 / 32
	Outdoor Sound Pressure Cooling / Heating		dBA	47 / 47	48 / 48	52 / 53	55 / 56
	Outdoor Sound Power		dBA	64	66	69	72
Air Circulation (Indoor - High Fan)			l / sec	219 / 225	225 / 239	267 / 267	
Net Dimensions (H x W x D)	Indoor Unit	mm	293 x 790 x 225	293 x 790 x 225	293 x 790 x 225	293 x 790 x 225	
		kgs	9.5	9.5	9.5	10	
	Outdoor Unit	mm	540 x 660 x 290	540 x 790 x 290	620 x 790 x 290	620 x 790 x 290	
		kgs	25	34	37	40	
Piping Connections (Liquid / Suction)			mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70	Ø6.35 / Ø15.88
Max Pipe Length (Precharged Length)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			m	15	15	15	15
Operation Range	Cooling	°CDB	10 to 46	10 to 46	10 to 46	10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant			R410A	R410A	R410A	R410A	

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PRODUCT SPECIFICATIONS

CLASSIC HI-WALL RANGE: HI-WALL PREMIER LARGE CAPACITY

Set Code			SET-ASTG24LFCC	SET-ASTG30LFCC	SET-ASTG34LFCC	
Model No.	Indoor unit		ASTG24LFCC	ASTG30LFCC	ASTG34LFCC	
	Outdoor unit		AOTG24LFCC	AOTG30LFCC	AOTG34LFCC	
Power Source	V / Ph / Hz		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	7.10 (0.90-8.30)	8.00 (2.90-9.00)	9.20 (2.90-10.00)	
	Heating	kW	8.00 (0.90-10.60)	9.00 (2.20-11.00)	10.00 (2.70-11.20)	
Input Power	Cooling (Max)	kW	2.17 (Max 2.86)	2.42 (Max 3.15)	2.80 (Max 3.54)	
	Heating (Max)	kW	2.26 (Max 4.06)	2.64 (Max 3.53)	3.03 (Max 3.57)	
EER	Cooling	kW / kW	3.27	3.31	3.29	
COP	Heating	kW / kW	3.54	3.41	3.30	
Star Rating	Cooling		2.0	2.0	2.0	
	Heating		2.5	2.0	2.0	
Running Current	Cooling / Heating	amps	9.1 / 9.5	10.2 / 11.1	11.8 / 12.8	
Moisture Removal			l / Hr	2.7	3.2	3.5
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBA	49 / 32	49 / 33	52 / 34
		Heating	dBA	48 / 32	49 / 33	52 / 34
	Outdoor Sound Pressure Cooling / Heating		dBA	55 / 56	53 / 55	53 / 53
	Outdoor Sound Power		dBA	71	69	67
Air Circulation (Indoor - High Fan) Cooling / Heating			l / sec	311 / 311	311 / 319	347 / 339
Net Dimensions (H x W x D)	Indoor Unit	mm	320 x 998 x 238	320 x 998 x 238	320 x 998 x 238	
		kgs	14	14	14	
	Outdoor Unit	mm	620 x 790 x 290	830 x 900 x 330	1,290 x 900 x 330	
		kgs	41	61	86	
Piping Connections (Liquid / Suction)			mm	Ø6.35 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Max Pipe Length (Precharged Length)			m	30 (15)	50 (20)	50 (20)
Max Height Difference			m	20	30	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-5 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	
Refrigerant			R410A	R410A	R410A	

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PRODUCT SPECIFICATIONS

CLASSIC HI-WALL RANGE: COMPACT HI-WALL PREMIER PLUS

Set Code			SET-ASTG14LUCB	
Model No.	Indoor unit		ASTG14LUCB	
	Outdoor unit		AOTG14LUCB	
Power Source	V / Ph / Hz		240 / 1 / 50	
Capacity	Cooling	kW	4.20 (0.90-5.00)	
	Heating	kW	5.40 (0.90-6.00)	
Input Power	Cooling (Max)	kW	1.25 (Max 2.13)	
	Heating (Max)	kW	1.47 (Max 2.49)	
EER	Cooling	kW / kW	3.36	
COP	Heating	kW / kW	3.67	
Star Rating	Cooling		2.0	
	Heating		2.5	
Running Current	Cooling / Heating	amps	5.7 / 6.4	
Moisture Removal			l / Hr	2.1
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBA	45 / 25
		Heating	dBA	45 / 27
	Outdoor Sound Pressure Cooling / Heating		dBA	50 / 50
	Outdoor Sound Power		dBA	67
Air Circulation (Indoor - High Fan) Cooling / Heating			l / sec	250 / 264
Net Dimensions (H x W x D)	Indoor Unit	mm	282 x 870 x 185	
		kgs	9.5	
	Outdoor Unit	mm	540 x 790 x 290	
		kgs	34	
Piping Connections (Liquid / Suction)			mm	Ø6.35 / Ø12.70
Max Pipe Length (Precharged Length)			m	20 (15)
Max Height Difference			m	15
Operation Range	Cooling	°CDB	10 to 46	
	Heating	°CDB	-15 to 24	
Refrigerant			R410A	

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PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATIONS

COMPACT FLOOR CONSOLE

DUAL CONSOLE

Set Code			SET-AGTV09LAC	SET-AGTV14LAC	
Model No.	Indoor unit		AGTV09LAC	AGTV14LAC	
	Outdoor unit		AOTV09LAC	AOTV14LAC	
Operation Type			Reverse Cycle	Reverse Cycle	
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	2.60 (0.90-3.50)	4.20 (0.90-5.00)	
	Heating	kW	3.50 (0.90-5.50)	5.20 (0.90-8.00)	
Input Power	Cooling (Max)	kW	0.60 (Max 1.40)	1.22 (Max 1.95)	
	Heating (Max)	kW	0.81 (Max 2.20)	1.44 (Max 3.05)	
EER	Cooling	kW / kW	4.33	3.44	
COP	Heating	kW / kW	4.32	3.61	
AEER	Cooling	kW / kW	4.102	3.369	
ACOP	Heating	kW / kW	4.341	3.552	
Star Rating	Cooling		3.5	2	
	Heating		3.5	2.5	
Running Current	Cooling / Heating	amps	2.8 / 3.8	5.3 / 6.1	
Moisture Removal			l / hr	1.3	2.1
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBa	40 / 22	44 / 22
		Heating	dBa	40 / 22	43 / 22
	Outdoor Sound Pressure (Cooling / Heating)		dBa	47 / 48	50 / 50
	Outdoor Sound Power		dBa	64	66
Air Circulation (Indoor - High Fan) Cooling / Heating			l / sec	158 / 167	181 / 181
Net Dimensions HxWxD	Indoor Unit	mm	600 x 740 x 200	600 x 740 x 200	
		kgs	14	14	
	Outdoor Unit	mm	540 x 790 x 290	540 x 790 x 300	
		kgs	36	40	
Piping Connections (Liquid / Suction)			mm	∅6.35 / ∅9.52	∅6.35 / ∅12.70
Max Pipe Length (Precharged Length)			m	20 (15)	20 (15)
Max Height Difference			m	15	15
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	
	Heating	°CDB	-15 to 24	-15 to 24	
Refrigerant			R410A	R410A	

Set Code			SET-ABTG18LVTA	SET-ABTG24LVTC	
Model No.	Indoor unit		ABTG18LVTA	ABTG24LVTC	
	Outdoor unit		AOTG18LACC	AOTG24LATC	
Operation Type			Reverse Cycle	Reverse Cycle	
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	5.20 (0.90-5.90)	7.10 (2.90-8.00)	
	Heating	kW	6.00 (0.90-7.50)	8.00 (2.20-9.10)	
Input Power	Cooling (Max)	kW	1.51 (Max 1.82)	2.14 (Max 2.40)	
	Heating (Max)	kW	1.66 (Max 2.35)	2.21 (Max 2.65)	
EER	Cooling	kW / kW	3.44	3.32	
COP	Heating	kW / kW	3.61	3.61	
AEER	Cooling	kW / kW	3.451	3.346	
ACOP	Heating	kW / kW	3.621	3.592	
Star Rating	Cooling		2	2	
	Heating		2.5	2.5	
Running Current	Cooling / Heating	amps	6.4 / 7.0	9.0 / 9.3	
Moisture Removal			l / hr	2.0	2.7
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBa	44 / 32	49 / 36
		Heating	dBa	44 / 32	49 / 36
	Outdoor Sound Pressure (Cooling / Heating)		dBa	55 / 56	53 / 54
	Outdoor Sound Power		dBa	71	68
Air Circulation (Indoor - High Fan) Cooling / Heating			l / sec	217 / 217	272 / 272
Net Dimensions HxWxD	Indoor Unit (Floor Application)	mm	655 x 990 x 199	655 x 990 x 199	
		kgs	27	27	
	Outdoor Unit	mm	620 x 790 x 290	830 x 900 x 330	
		kgs	41	60	
Piping Connections (Liquid / Suction)			mm	∅6.35 / ∅12.70	∅6.35 / ∅15.88
Max Pipe Length (Precharged Length)			m	30 (15)	30 (20)
Max Height Difference			m	20	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	
Refrigerant			R410A	R410A	

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PRODUCT SPECIFICATIONS

COMPACT CEILING CASSETTE

Set Code			SET-AUTG09LVLB	SET-AUTG12LVLB	SET-AUTG18LVLA	SET-AUTG24LVLC	
Model No.	Indoor Unit		AUTG09LVLB	AUTG12LVLB	AUTG18LVLA	AUTG24LVLC	
	Outdoor Unit		AOTG09LBCB	AOTG12LBCB	AOTG18LACC	AOTG24LATC	
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Source	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Capacity	Cooling	kW	2.60 (0.90-3.60)	3.50 (0.90-4.00)	5.20 (0.90-5.90)	7.10 (2.90-8.00)	
	Heating	kW	3.50 (0.90-4.48)	4.00 (0.90-4.83)	6.00 (0.90-7.50)	8.00 (2.20-9.10)	
Input Power	Cooling (Max)	kW	0.60 (Max 1.92)	0.91 (Max 1.99)	1.56 (Max 1.99)	2.16 (Max 2.47)	
	Heating (Max)	kW	0.83 (Max 2.28)	0.98 (Max 2.37)	1.66 (Max 2.52)	2.21 (Max 2.80)	
EER	Cooling	kW / kW	4.33	3.85	3.33	3.29	
COP	Heating	kW / kW	4.22	4.08	3.61	3.61	
Star Rating	Cooling		3.5	2.5	2	2	
	Heating		3.5	3	2.5	2.5	
Running Current	Cooling / Heating	amps	2.9 / 4.1	4.3 / 4.7	6.6 / 7.0	9.1 / 9.3	
Moisture Removal			l / hr	0.5	0.9	2.2	2.7
Noise Level	Indoor Sound Pressure (High / Quiet)	Cooling	dBA	33 / 28	37 / 28	38 / 26	49 / 30
		Heating	dBA	34 / 27	37 / 28	43 / 30	49 / 33
	Outdoor Sound Pressure Cooling / Heating		dBA	44 / 49	49 / 50	55 / 56	53 / 54
	Outdoor Sound Power		dBA	59	61	71	68
Air Circulation (Indoor - High Fan) Cooling / Heating			l / sec	150 / 150	169 / 167	189 / 222	258 / 258
Net Dimensions (H x W x D)	Indoor Unit	mm	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	
		kgs	15	15	15	16	
	Cassette Grille	mm	49 x 700 x 700	49 x 700 x 700	49 x 700 x 700	49 x 700 x 700	
		kgs	2.6	2.6	2.6	2.6	
	Outdoor Unit	mm	620 x 790 x 290	620 x 790 x 290	620 x 790 x 290	830 x 900 x 330	
		kgs	39	39	41	60	
Piping Connections (Liquid / Suction)			mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70	Ø6.35 / Ø15.88
Max Pipe Length (Precharged Length)			m	20 (15)	20 (15)	30 (15)	30 (20)
Max Height Difference			m	15	15	20	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant				R410A	R410A	R410A	R410A

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PRODUCT SPECIFICATIONS

SPECIFICATIONS

Products in this brochure contain R410A and R32 refrigerant. Please refer to specifications before installing and servicing this product. Only persons and/or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so. The purchaser must ensure that the person and/or company who is to install, service or repair this Heat Pump/Air Conditioner has qualifications and experience in refrigerant products. Suitable access for warranty and service is required. Future improvements, specifications, designs of product and availability are subject to change without notice. Please check with your Dealer.

ALL CAPACITY AND ENERGY EFFICIENCY RATINGS ARE BASED ON AS / NZS3823.2.

COOLING Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB

HEATING Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB

Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.





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