

FUJITSU | NEW ZEALAND'S FAVOURITE AIR®

MULTI SYSTEM

HEATING/AIR CONDITIONING
SOLUTIONS

RELIABLE, TRUSTED COMFORT | ENERGY EFFICIENT
BACKED BY A 6 YEAR FULL PARTS & LABOUR WARRANTY WHEN
PURCHASED THROUGH 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.

6 YEAR MANUFACTURER'S WARRANTY

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



ONE OF THE MOST TRUSTED HEAT PUMP BRANDS

We are proud to consistently be voted one of the most trusted heat pump brands in the Reader's Digest Trusted Brands survey.



AIR FILTERS

Fujitsu's Apple-Catechin filters contribute to a fresher and cleaner living environment.



EXCEPTIONAL AFTER SALES SERVICE

At Fujitsu, we pride ourselves on providing exceptional customer service. Fujitsu General Assist is our in-house customer care and technical support department which was implemented to deliver a high level of support and accessibility to our customers.



MULTI SYSTEMS

WHAT ARE MULTI SYSTEMS?

Multi System heat pump/air conditioning is ideal where individual units are required in more than one room, for example one for the bedroom and one for the living area and when a traditional ducted system may not be suitable due to the homes design.

A Multi System allows for a variety of up to six indoor units to be connected to just one compact outdoor unit.

Each individual indoor unit can be controlled separately using an individual remote.

Multi Systems can be installed in a variety of applications from homes and offices to multi story buildings.

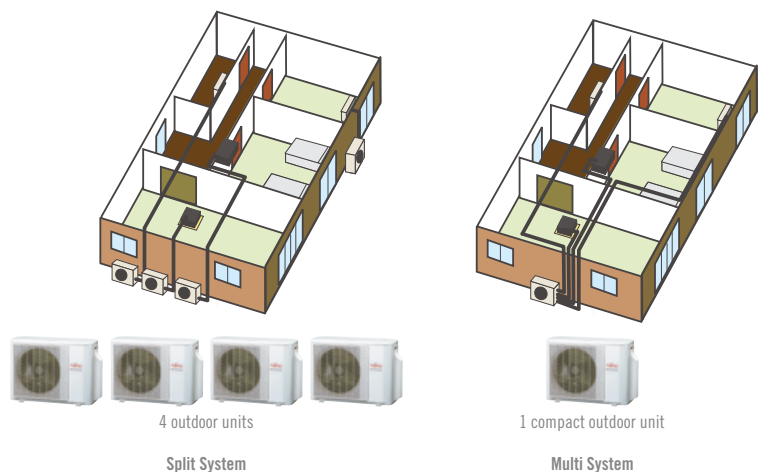


WIDE RANGE OF OPTIONS

The range includes different indoor types and models ranging in capacity class from 2.0kW to 7.0kW. With such a wide range of options to choose from, there's a combination to suit almost any application.

FLEXIBLE INSTALLATION

Multiple indoor units can be connected to one outdoor unit rather than multiple outdoor units. This means greater installation flexibility and space saving options. Long pipe runs offer even greater choices for installation.

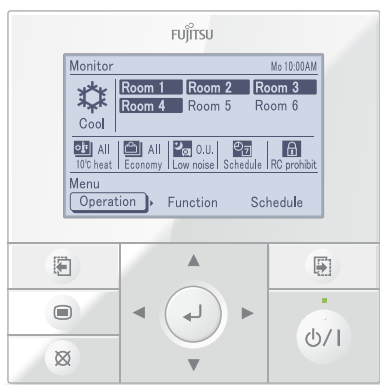




MULTI SYSTEMS

THE 5 AND 6 ROOM MULTI SYSTEMS

The Fujitsu General 5 and 6 room Multi Systems are easy and efficient to install whilst offering more flexibility to accommodate the diversity of modern home design. With just one unit installed outside, the 12kW unit (AOTG36LBLA5) has the capacity to cover 2 to 5 rooms, and the 13.5kW unit (AOTG45LBLA6) can have up to 6 indoor units connected.



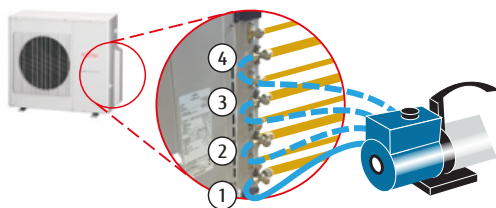
Central Controller (optional)

- Operation is simple with the optional large backlit LCD central controller
- The four-way navigation pad enables control of the indoor units individually or simultaneously
- Each unit can be monitored, and features such as economy mode, remote control prohibition or low noise mode settings can be activated from one central point

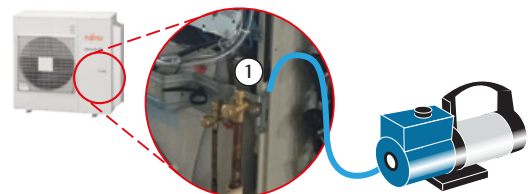
EASY INSTALLATION

Fitting the new systems has been made easier - a centralised valve allows vacuuming to be performed from one location. This reduces installation time on systems as previously the evacuation process had to be performed up to four times. Installation has been made simpler with the pipe connection location optimised, and a commissioning mode is inbuilt for automatic wiring and piping checks from the outdoor unit.

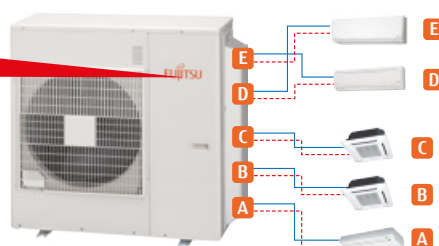
4 Rooms Multi System



5-6 Rooms Multi System

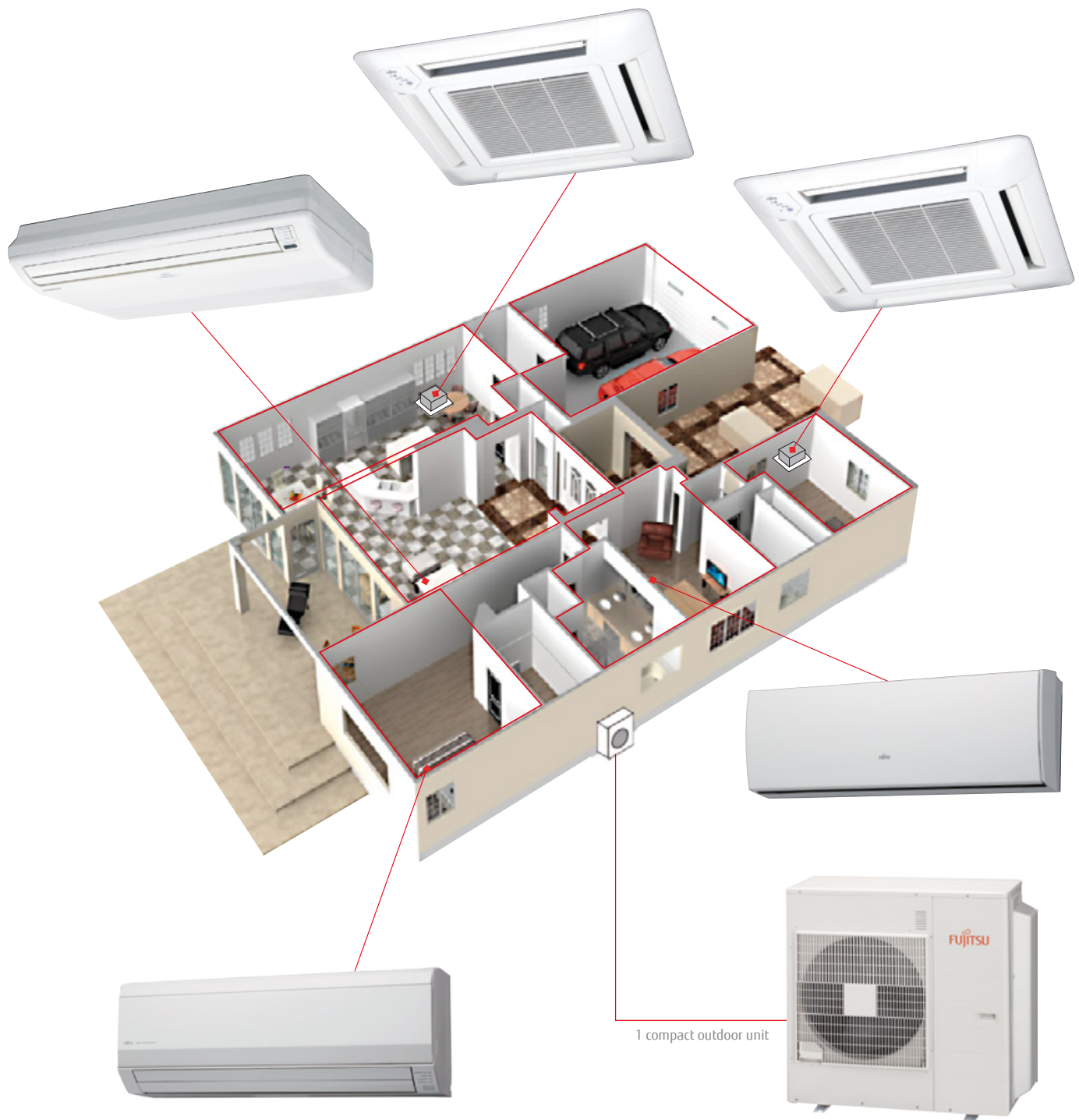


Automatic wiring
and piping check



Automatic connection
error repair

— : Wiring line
- - - : Piping line



INDOOR UNITS

WALL MOUNTED - Classic Range

ASTG07/09/12LVCC

Available in three capacity sizes, this range of compact wall mounted indoor units are suitable for small and medium size bedrooms.



ASTG18LFCA & ASTG24LFCC

These large capacity indoor units are suitable for living areas.



ASTG09/14LUCB

Designed for small bedrooms, these indoor units are discreet and have a sleek modern finish to suit most decors.



FLOOR AND CEILING CONSOLE

ABTG18LVTA

Suitable for floor or ceiling installation, this model is designed for a medium to large living area.



COMPACT CASSETTE

AUTG09/12LVLB-GR & AUTG18LVLA-GR

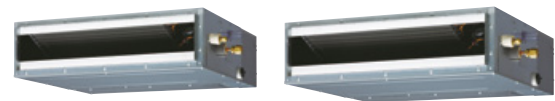
These compact cassette models have a 3 way* or 4 way air flow direction option. Designed for commercial spaces, these units are suitable for meeting rooms.



BULKHEAD

ARTG09/12LLLB & ARTG18LLTA

With 11 static pressure modes and a built in drain pump, these units are a great solution for a single room ducted system.



SLIMLINE

ARTG24LMLC[^]

Compatible with AOTG36LBLA5 (5 room) and AOTG45LBLA6 (6 room) multi system outdoor units.

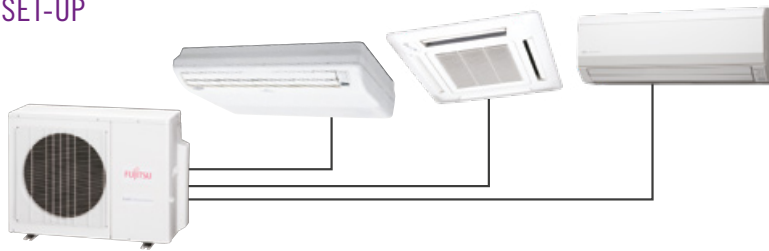


*Requires an optional part: UTR-YDZB

[^]Indoor serial numbers on the ARTG24LMLC models R114701 and above are multi system compatible.

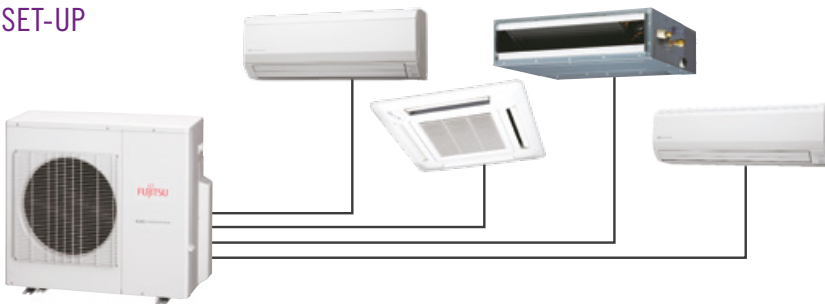
OUTDOOR UNITS

3 ROOM SET-UP



AOTG24LAT3 C 6.80kW / 23,200 BTU/h H 8.00kW / 27,300 BTU/h

4 ROOM SET-UP



AOTG30LBT4 C 8.00kW / 27,300 BTU/h H 9.60kW / 32,800 BTU/h

5 ROOM SET-UP



AOTG36LBA5 C 10.00kW / 34,100 BTU/h H 12.00kW / 41,000 BTU/h

6 ROOM SET-UP



AOTG45LBA6 C 12.50kW / 42,700 BTU/h H 13.50kW / 46,100 BTU/h

FEATURES*

COMFORT FUNCTIONS



POWERFUL MODE

This mode will operate the heat pump/air conditioner at maximum capacity for 20 minutes, providing comfort faster than ever before.



AUTOMATIC FAN SPEED

The micro processor automatically adjusts the airflow effectively to follow the changes of room temperature.



DOUBLE SWING AUTOMATIC

Complex swing action of the louvres enables the unit to swing automatically both horizontal and vertical directions.



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.



RIGHT / LEFT SWING LOUVRE

The right / left louvre automatically swings in either direction.



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.



AUTO SHUT LOUVRE

The auto shut louvres close or open automatically when the unit stops or starts.



AUTO-CHANGEOVER

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



POWER DIFFUSER

An additional louvre that opens based on monitoring sensors to quickly enhance immediate comfort needs.



CONNECTABLE FRESH AIR DUCT

Allows introduction of fresh air to occupied space.



CONNECTABLE DISTRIBUTING DUCT

Systems are capable of attaching field-supplied branch ducts distributing the airflow.



UP / DOWN SWING LOUVRE

The up / down louvre automatically swings up and down.



AUTO RESTART

In the event of a temporary power failure, the unit will automatically restart in the same operating mode as before, once power supply is restored



FRESH AIR INTAKE

Fresh air can be taken in by a fan which can be connected using an external control unit.

CONVENIENCE FUNCTIONS



SLEEP TIMER

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



PROGRAM TIMER

ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week.



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.



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.



ON-OFF TIMER

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



LOW NOISE MODE

The compressor speed and the outdoor unit fan speed are limited to reduce the operational noise.



SUPER QUIET MODE

The indoor units fan can operate at a low speed to produce quieter operation.



ENERGY EFFICIENT FUNCTIONS



HUMAN SENSOR

The human sensor detects movement so that when occupants leave the room, the heat pump/air conditioner switches into energy saving mode after 20 minutes should no movement be detected. When occupants re-enter the room, it returns to normal operation.



V-PAM

V-PAM inverter technology increases the maximum output of the compressor significantly and enables high power and high efficiency.



i-PAM

i-PAM inverter technology enables high output and high efficiency performance.



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.

CLEAN FUNCTIONS



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.



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.



FEATURES CHECKLIST

FEATURES	ASTG07/09 /12LVCC	ASTG18LFCA ASTG24LFCC	ASTG09/14LUCB	ABTG18LVTA	AUTG09/12LVLB-GR AUTG18LVLA-GR	ARTG09/12LLLB ARTG18LLTA	ARTG24LMLC
COMFORT FUNCTIONS							
Powerful Mode	-	-	✓	-	-	-	-
Automatic Fan Speed	✓	✓	✓	✓	✓	✓	✓
Double Swing Automatic	-	✓	-	✓	-	-	-
10°C HEAT Operation	✓	✓	✓	✓	✓	#	#
Right / Left Swing Louvre	-	✓	-	✓	-	-	-
Automatic Louvre	✓	✓	✓	✓	-	*	-
Auto Shut Louvre	✓	✓	✓	-	-	*	-
Auto Changeover	✓	✓	✓	✓	✓	✓	✓
Power Diffuser	✓	✓	✓	✓	-	-	-
Connectable Fresh Air Duct	-	-	-	-	✓	-	-
Connectable Distributing Duct	-	-	✓	-	-	✓	✓
Up / Down Swing Louvres	✓	✓	✓	✓	✓	*	-
Auto Restart	✓	✓	✓	✓	✓	✓	✓
Fresh Air Intake	-	-	-	-	✓	-	-
CONVENIENCE FUNCTIONS							
Sleep Timer	✓	✓	✓	✓	✓	✓	✓
Program Timer	✓	✓	✓	✓	✓	✓	✓
Weekly Timer	0	0	✓	0	0	✓	✓
Weekly + Setback Timer	0	0	0	0	0	✓	✓
Filter Sign	✓	✓	✓	✓	✓	✓	✓
On-Off Timer	✓	✓	✓	✓	✓	✓	✓
Low Noise Mode	-	-	✓	-	-	-	-
Super Quiet Mode	✓	✓	✓	✓	✓	✓	✓
ENERGY EFFICIENT FUNCTIONS							
Human Sensor	-	-	✓	-	-	-	-
i-PAM / V-PAM Control	✓	✓	✓	✓	✓	✓	✓
Economy Mode	✓	✓	✓	✓	✓	✓	✓
CLEAN FUNCTIONS							
Long-life Ion Deodorisation Filter	✓	✓	✓	-	-	-	-
Washable Panel	✓	✓	✓	✓	✓	✓	✓
Apple-Catechin Filter	✓	✓	✓	-	-	-	-

o Optional feature when using a wired controller and communication kit where applicable. # Available when using a wireless remote only.

* Available when optional auto louvre grille kit is purchased. ^ Applicable for AOTG36LBLA5 and AOTG45LBLA6 outdoor units only.

SPECIFICATIONS & FEATURES

Products in this brochure contain R410A refrigerant. Please refer to specifications before installation 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 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.

CONTROLLER OPTIONS

WIRED REMOTE CONTROLLER



UTY-RVNYN



UTY-RNNYN

WIRELESS REMOTE CONTROLLER



AR-RAH2E



AR-RAH1E



AR-REA1E

CENTRAL CONTROLLER



UTY-DMMYM

IR RECEIVER UNIT



UTY-LRHYM



SIMPLE REMOTE CONTROLLER



UTY-RSNYN

LINE UP

TYPE	MODEL							
		WALL MOUNTED			FLOOR/ CEILING	COMPACT CASSETTE	BULKHEAD	SLIMLINE
		LVCC	LFCC	LUCB				
WIRED REMOTE CONTROLLER	UTY-RNNYN	○* ¹	○	○* ¹	○	○	A	A
	UTY-RVNYN	○* ¹	○	○* ¹	○	○	○	○
GROUP CONTROLLER	UTY-DMMYM	○* ²	○* ²	○* ²	○* ²	○* ²	○* ²	○* ²
WIRELESS REMOTE CONTROLLER	AR-RAH2E	A	A	-	A	-	-	-
	AR-RAH1E	-	-	-	-	A	-	-
	AR-REA1E	-	-	A	-	-	-	-
IR RECEIVER UNIT	UTY-LRHYM	-	-	-	-	-	○	○
SIMPLE REMOTE CONTROLLER	UTY-RSNYN	○* ¹	○	○* ¹	○	○	○	○

A Standard Accessory ○ Optional — Not applicable ○*¹ Optional Communication Kit is necessary for the installation

○*² Optional when used with 5 and 6 head multi outdoor systems

CONTROLLER FEATURES

These wireless remote controllers are easy to use with simple function settings and a variety of built in timers, energy saving options and a super quiet option.

AR-RAH2E / AR-RAH1E

FEATURES:

- 4 Timer modes available (ON / OFF / PROGRAM / SLEEP)
- Easy operation



AR-REA1E

FEATURES:

- 5 Timer modes available (ON / OFF / PROGRAM / SLEEP / WEEKLY)
- Easy operation



There are three available options of wired controllers to suit every application required. Easy and simple to use, they help to ensure you get the most out of your air conditioning system.

UTY-RVNYN

FEATURES:

- Backlit controller
- 4 Timer modes available (ON / OFF / WEEKLY / AUTO OFF)
- Set temperature range limitation
- Large easy to press keys
- Built in thermosensor



UTY-RNNYN

FEATURES:

- 3 Timer modes available (ON / OFF / WEEKLY AND SETBACK)
- Built in thermosensor



UTY-RSNNY

FEATURES:

- Backlit controller
- No timer options
- Easy to use



UTY-DMMYM (EXCLUSIVE TO 5 AND 6 MULTI SYSTEMS)

FEATURES:

- Control and monitor up to 6 units individually or simultaneously
- Remote control prohibition
- 2 weekly timer schedules with 4 daily commands
- Economy and low noise modes





PRODUCT SPECIFICATIONS

WALL MOUNTED - CLASSIC LVCC

MODEL NUMBER			INDOOR UNIT		ASTG07LVCC	ASTG09LVCC	ASTG12LVCC
kW Class			kW		2.0kW Class	2.5kW Class	3.5kW Class
Power Source			V/PH/Hz		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	36 / 33 / 29 / 23	36 / 33 / 29 / 23	38 / 35 / 31 / 23	
	Heat			36 / 33 / 32 / 22	36 / 33 / 32 / 23	38 / 35 / 33 / 24	
Airflow	Cool	H/M/L/Q	l/sec	178 / 156 / 128 / 100	178 / 156 / 128 / 100	194 / 175 / 139 / 100	
	Heat			178 / 161 / 150 / 100	178 / 161 / 150 / 106	194 / 175 / 161 / 111	
Net Dimensions			H x W x D		mm	293 x 790 x 225	293 x 790 x 225
Net Weight					kg	9.5	9.5
Pipe Size		Liquid / Gas			mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52



WALL MOUNTED - CLASSIC LFCC

MODEL NUMBER			INDOOR UNIT		ASTG18LFCA	ASTG24LFCC
kW Class			kW		5.0kW Class	7.0kW Class
Power Source			V/PH/HZ		240 / 1 / 50	240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	43 / 37 / 33 / 26	49 / 42 / 37 / 33	
	Heat			42 / 37 / 33 / 25	48 / 42 / 37 / 33	
Airflow	Cool	H/M/L/Q	l/sec	250 / 206 / 172 / 153	311 / 250 / 206 / 172	
	Heat			250 / 206 / 172 / 153	306 / 250 / 206 / 172	
Net Dimensions		H x W x D	mm	320 x 998 x 238	320 x 998 x 238	
Net Weight			kg	14	14	
Pipe Size	Liquid / Gas		mm	ø6.35 / ø12.7	ø6.35 / ø15.88	



WALL MOUNTED - CLASSIC LUCB

MODEL NUMBER		INDOOR UNIT		ASTG09LUCB	ASTG14LUCB
kW Class			kW	2.5kW Class	4.0kW Class
Power Source			V/PH/Hz	240 / 1 / 50	240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	36 / 32 / 28 / 21	41 / 36 / 33 / 25
	Heat			36 / 32 / 28 / 21	41 / 36 / 34 / 27
Airflow	Cool	H/M/L/Q	l/sec	167 / 153 / 131 / 92	197 / 178 / 158 / 108
	Heat			167 / 153 / 131 / 92	197 / 178 / 164 / 119
Net Dimensions		H x W x D	mm	282 x 870 x 185	282 x 870 x 185
Net Weight			kg	9.5	9.5
Pipe Size	Liquid / Gas		mm	Ø6.35 / Ø9.52	Ø6.35 / Ø12.7



PRODUCT SPECIFICATIONS

FLOOR AND CEILING CONSOLE

MODEL NUMBER		INDOOR UNIT		ABTG18LVTA
kW Class		kW		5.0kW Class
Power Source		V/PH/HZ		240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	UC - 41 / 38 / 34 / 32
	Heat			UC - 41 / 38 / 34 / 32
	Cool	H/M/L/Q	dBA	FC - 44 / 41 / 37 / 35
	Heat			FC - 44 / 41 / 37 / 35
Airflow	Cool	H/M/L/Q	l/sec	217 / 194 / 156 / 139
	Heat			217 / 194 / 156 / 139
Net Dimensions		H x W x D	mm	199 x 990 x 655
Net Weight		kg		27
Pipe Size	Liquid / Gas		mm	Ø6.35 / Ø12.7



COMPACT CASSETTE

MODEL NUMBER		INDOOR UNIT		AUTG09VLB-GR	AUTG12VLB-GR	AUTG18VLA-GR
kW Class			kW	2.5kW Class	3.5kW Class	5.0kW Class
Power Source			V/PH/Hz	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	33 / 31 / 29 / 27	37 / 33 / 31 / 28	42 / 37 / 33 / 29
	Heat			34 / 32 / 29 / 27	37 / 33 / 31 / 28	44 / 40 / 37 / 30
Airflow	Cool	H/M/L/Q	l/sec	150 / 136 / 122 / 108	169 / 147 / 131 / 114	208 / 169 / 144 / 114
	Heat			150 / 136 / 122 / 108	169 / 147 / 131 / 114	222 / 197 / 167 / 125
Grille Model Number				UTG-UFYD-W	UTG-UFYD-W	UTG-UFYD-W
Net Dimensions - Indoor		H x W x D	mm	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570
Net Weight - Indoor			kg	15	15	15
Net Dimensions - Grille		H x W x D	mm	49 x 700 x 700	49 x 700 x 700	49 x 700 x 700
Weight - Grille			kg	2.6	2.6	2.6
Pipe Size	Liquid / Gas		mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.7



BULKHEAD

MODEL NUMBER		INDOOR UNIT		ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
kW Class			kW	2.5kW Class	3.5kW Class	5.0kW Class
Power Source			V/PH/HZ	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	28 / 27 / 26 / 25	29 / 28 / 27 / 26	32 / 31 / 30 / 29
	Heat			28 / 26 / 25 / 24	29 / 28 / 27 / 24	33 / 32 / 31 / 29
Airflow	Cool	H/M/L/Q	l/sec	167 / 153 / 139 / 125	181 / 167 / 153 / 133	261 / 244 / 228 / 208
	Heat			167 / 153 / 139 / 125	181 / 167 / 153 / 133	261 / 244 / 228 / 208
Static Pressure Range			Pa	0 to 90	0 to 90	0 to 90
Net Dimensions		H x W x D	mm	198 x 700 x 620	198 x 700 x 620	198 x 900 x 620
Net Weight			kg	19	19	23
Pipe Size	Liquid / Gas		mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.7



SLIMLINE

MODEL NUMBER		INDOOR UNIT		ARTG24MLMC
kW Class			kW	7.0kW Class
Power Source			V/PH/HZ	240 / 1 / 50
Sound Pressure Level	Cool	H/M/L/Q	dBA	31 / 29 / 27 / 25
	Heat			31 / 29 / 27 / 25
Airflow	Cool	H/M/L/Q	l/sec	306 / 253 / 208 / 161
	Heat			306 / 253 / 208 / 161
Static Pressure Range			Pa	30 to 150
Net Dimensions		H x W x D	mm	270 x 1135 x 700
Net Weight			kg	38
Pine Size	Liquid / Gas		mm	Ø6.35 / Ø15.88



PRODUCT SPECIFICATIONS

OUTDOOR SPECIFICATIONS

MODEL NUMBER				AOTG24LAT3	AOTG30LBTA4	AOTG36LBLA5	AOTG45LBLA6
Cooling Capacity	Rated		kW	6.80	8.00	10.00	12.50
	Range		kW	1.80 - 8.50	3.50 - 10.10	3.50 - 12.50	3.50 - 14.00
Heating Capacity	Rated		kW	8.00	9.60	12.00	13.50
	Range		kW	2.00 - 9.20	3.70 - 12.00	3.50 - 14.00	3.50 - 16.00
Power Supply			V / Ph / HZ	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Input	Cooling	Rated	kW	1.94	2.22	2.44	3.57
		Max	kW	2.60	3.56	4.04	5.02
	Heating	Rated	kW	2.00	2.40	2.79	3.37
		Max	kW	2.87	3.58	3.98	4.59
Running Current	Cooling	Rated	amps	8.10	9.30	10.30	15.00
		Max	amps	12.50	15.70	20.60	23.90
	Heating	Rated	amps	8.40	10.10	11.80	14.20
		Max	amps	12.50	15.70	20.60	23.90
Energy Efficiency			EER	3.50	3.60	4.10	3.50
			AEER	3.448	3.527	4.156	3.487
			COP	4.00	4.00	4.30	4.00
			ACOP	3.992	3.967	4.370	3.996
Compressor				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Outdoor Sound Pressure Level		Cooling	dBA	48	50	52	52
		Heating	dBA	49	51	54	54
Outdoor Sound Power Level			dBA	64	64	68	68
Dimensions		H x W x D	mm	700 x 900 x 330	830 x 900 x 330	998 x 970 x 370	998 x 970 x 370
Weight			kg	55	68	94	94
Connection Pipe Sizes	Unit A	Liquid / Gas	mm	6.35 / 12.7	6.35 / 12.7	6.35 / 12.7	6.35 / 12.7
	Unit B	Liquid / Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7	6.35 / 12.7
	Unit C	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Unit D	Liquid / Gas	mm	-	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Unit E	Liquid / Gas	mm	-	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Unit F	Liquid / Gas	mm	-	-	-	6.35 / 9.52
Precharged Pipe Length			m	30	30	50	50
Minimum Pipe Length per indoor			m	5	5	5	5
Minimum Pipe Length - Total			m	15	10	15	15
Maximum Pipe Length per Indoor			m	25	25	25	25
Maximum Pipe Length - Total			m	50	70	80	80
Maximum Piping Height - Between Indoors			m	10	10	10	10
Maximum Piping Height - Between Outdoor unit and each Indoor			m	15	15	15	15
Pipe Connection Methods				Flare	Flare	Flare	Flare
Outdoor operating temperature		Cooling	°CDB	-10 to 46	0 to 46	-10 to 46	-10 to 46
		Heating	°CDB	-15 to 24	-10 to 24	-15 to 24	-15 to 24
Refrigerant				R410A	R410A	R410A	R410A



CONNECTION CHARTS*

AOTG24LAT3 (2-3 ROOMS)

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	TOTAL
1	2	7	7	—	14
2		7	9	—	16
3		7	12	—	19
4		7	14	—	21
5		7	18	—	25
6		9	9	—	18
7		9	12	—	21
8		9	14	—	23
9		9	18	—	27
10		12	12	—	24
11		12	14	—	26
12		12	18	—	30
13	3	7	7	7	21
14		7	7	9	23
15		7	7	12	26
16		7	7	14	28
17		7	9	9	25
18		7	9	12	28
19		7	9	14	30
20		7	12	12	31
21		7	12	14	33
22		9	9	9	27
23		9	9	12	30
24		9	9	14	32
25		9	12	12	33
26		9	12	14	35
27		12	12	12	36

AOTG30LBTA4 (2-4 ROOMS)

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	TOTAL
1	2	7	24	—	—	31
2		9	24	—	—	33
3		12	24	—	—	36
4		14	24	—	—	38
5		18	18	—	—	36
6		18	24	—	—	42
7		7	7	14	—	28
8		7	7	18	—	32
9		7	7	24	—	38
10		7	9	12	—	28
11		7	9	14	—	30
12		7	9	18	—	34
13	3	7	9	24	—	40
14		7	12	12	—	31
15		7	12	14	—	33
16		7	12	18	—	37
17		7	12	24	—	43
18		7	14	14	—	35
19		7	14	18	—	39
20		7	14	24	—	45
21		7	18	18	—	43
22		7	18	24	—	49
23		9	9	9	—	27
24		9	9	12	—	30
25		9	9	14	—	32
26		9	9	18	—	36
27		9	9	24	—	42
28		9	12	12	—	33
29		9	12	18	—	39
30		9	12	24	—	45
31		9	14	14	—	37
32		9	14	18	—	41
33		9	14	24	—	47
34		9	18	18	—	45
35		12	12	12	—	36
36		12	12	14	—	38
37		12	12	18	—	42
38		12	12	24	—	48
39		12	14	14	—	40
40		12	14	18	—	44
41		12	18	18	—	48

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	TOTAL
42	4	7	7	7	7	28
43		7	7	7	9	30
44		7	7	7	12	33
45		7	7	7	14	35
46		7	7	7	18	39
47		7	7	9	9	32
48		7	7	9	12	35
49		7	7	9	14	37
50		7	7	9	18	41
51		7	7	12	12	38
52		7	7	12	14	40
53		7	7	12	18	44
54		7	7	14	14	42
55		7	9	9	9	34
56		7	9	9	12	37
57		7	9	9	14	39
58		7	9	9	18	43
59		7	9	12	12	40
60		7	9	12	14	42
61		7	9	12	18	46
62		7	9	14	14	44
63		7	12	12	12	43
64		7	12	12	14	45
65		7	12	12	18	49
66		7	12	14	14	47
67		9	9	9	9	36
68		9	9	9	12	39
69		9	9	9	14	41
70		9	9	9	18	45
71		9	9	12	12	42
72		9	9	12	14	44
73		9	9	12	18	48
74		9	9	14	14	46
75		9	12	12	12	45
76		9	12	12	14	47
77		9	12	14	14	49
78		12	12	12	12	48

*The connection chart reference possible combination's as per capacity class, please refer to technical manual for actual indoor capacities .

CONNECTION CHARTS*

AOTG36LBLA5 (2-5 ROOMS)

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	TOTAL
1	2	7	24	—	—	—	31
2		9	24	—	—	—	33
3		12	24	—	—	—	36
4		14	24	—	—	—	38
5		18	18	—	—	—	36
6		18	24	—	—	—	42
7		24	24	—	—	—	48
8	3	7	7	14	—	—	28
9		7	7	18	—	—	32
10		7	7	24	—	—	38
11		7	9	12	—	—	28
12		7	9	14	—	—	30
13		7	9	18	—	—	34
14		7	9	24	—	—	40
15		7	12	12	—	—	31
16		7	12	14	—	—	33
17		7	12	18	—	—	37
18		7	12	24	—	—	43
19		7	14	14	—	—	35
20		7	14	18	—	—	39
21		7	14	24	—	—	45
22		7	18	18	—	—	43
23		7	18	24	—	—	49
24		9	9	9	—	—	27
25		9	9	12	—	—	30
26		9	9	14	—	—	32
27		9	9	18	—	—	36
28		9	9	24	—	—	42
29		9	12	12	—	—	33
30		9	12	14	—	—	35
31		9	12	18	—	—	39
32		9	12	24	—	—	45
33		9	14	14	—	—	37
34		9	14	18	—	—	41
35		9	14	24	—	—	47
36		9	18	18	—	—	45
37		9	18	24	—	—	51
38		12	12	12	—	—	36
39		12	12	14	—	—	38
40		12	12	18	—	—	42
41		12	12	24	—	—	48
42		12	14	14	—	—	40
43		12	14	18	—	—	44
44		12	14	24	—	—	50
45		12	18	18	—	—	48
46		12	18	24	—	—	54
47		14	14	14	—	—	42
48		14	14	18	—	—	46
49		14	14	24	—	—	52
50		14	18	18	—	—	50
51		18	18	18	—	—	54

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	TOTAL
52	4	7	7	7	7	—	28
53		7	7	7	9	—	30
54		7	7	7	12	—	33
55		7	7	7	14	—	35
56		7	7	7	18	—	39
57		7	7	7	24	—	45
58		7	7	9	9	—	32
59		7	7	9	12	—	35
60		7	7	9	14	—	37
61		7	7	9	18	—	41
62		7	7	9	24	—	47
63		7	7	12	12	—	38
64		7	7	12	14	—	40
65		7	7	12	18	—	44
66		7	7	12	24	—	50
67		7	7	14	14	—	42
68		7	7	14	18	—	46
69		7	7	14	24	—	52
70		7	7	18	18	—	50
71		7	9	9	9	—	34
72		7	9	9	12	—	37
73		7	9	9	14	—	39
74		7	9	9	18	—	43
75		7	9	9	24	—	49
76		7	9	12	12	—	40
77		7	9	12	14	—	42
78		7	9	12	18	—	46
79		7	9	12	24	—	52
80		7	9	14	18	—	48
81		7	9	14	24	—	54
82		7	9	18	18	—	52
83		7	12	12	12	—	43
84		7	12	12	14	—	45
85		7	12	12	18	—	49
86		7	12	14	14	—	47
87		7	12	14	18	—	51
88		7	14	14	14	—	49
89		7	14	14	18	—	53
90		9	9	9	9	—	36
91		9	9	9	12	—	39
92		9	9	9	14	—	41
93		9	9	9	18	—	45
94#		9	9	9	24	—	51
95		9	9	12	12	—	42
96		9	9	12	14	—	44
97		9	9	12	18	—	48
98#		9	9	12	24	—	54
99		9	9	14	14	—	46
100		9	9	14	18	—	50
101		9	9	18	18	—	54
102		9	12	12	12	—	45
103		9	12	12	14	—	47
104		9	12	12	18	—	51
105		9	12	14	14	—	49
106		9	12	14	18	—	53
107		9	14	14	14	—	51
108		12	12	12	12	—	48
109		12	12	12	14	—	50
110		12	12	12	18	—	54
111		12	12	14	14	—	52
112		12	14	14	14	—	54

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	TOTAL
113	5	7	7	7	7	7	35
114		7	7	7	7	9	37
115		7	7	7	7	12	40
116		7	7	7	7	14	42
117		7	7	7	7	18	46
118		7	7	7	7	24	52
119		7	7	7	9	9	39
120		7	7	7	9	12	42
121		7	7	7	9	14	44
122		7	7	7	9	18	48
123#		7	7	7	9	24	54
124		7	7	7	12	12	45
125		7	7	7	12	14	47
126		7	7	7	12	18	51
127		7	7	7	14	14	49
128		7	7	7	14	18	53
129		7	7	9	9	9	41
130		7	7	9	9	12	44
131		7	7	9	9	14	46
132		7	7	9	9	18	50
133		7	7	9	12	12	47
134		7	7	9	12	14	49
135		7	7	9	12	18	53
136		7	7	9	14	14	51
137		7	7	12	12	12	50
138		7	7	12	12	14	52
139		7	7	12	14	14	54
140		7	9	9	9	9	43
141		7	9	9	9	12	46
142		7	9	9	9	14	48
143		7	9	9	9	18	52
144		7	9	9	12	12	49
145		7	9	9	12	14	51
146		7	9	9	14	14	53
147		7	9	12	12	12	52
148		7	9	12	12	14	54
149		9	9	9	9	9	45
150		9	9	9	9	12	48
151		9	9	9	9	14	50
152		9	9	9	9	18	54
153		9	9	9	12	12	51
154		9	9	9	12	14	53
155		9	9	12	12	12	54

*The connection chart reference possible combination's as per capacity class, please refer to technical manual for actual indoor capacities .

CONNECTION CHARTS*

AOTG45LBLA6 (2-6 ROOMS)

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	TOTAL
1	2	12	24	—	—	—	—	36
2		14	24	—	—	—	—	38
3		18	18	—	—	—	—	36
4		18	24	—	—	—	—	42
5		24	24	—	—	—	—	48
6		7	7	24	—	—	—	38
7		7	9	18	—	—	—	34
8		7	9	24	—	—	—	40
9		7	12	18	—	—	—	37
10		7	12	24	—	—	—	43
11	3	7	14	14	—	—	—	35
12		7	14	18	—	—	—	39
13		7	14	24	—	—	—	45
14		7	18	18	—	—	—	43
15		7	18	24	—	—	—	49
16		7	24	24	—	—	—	55
17		9	9	18	—	—	—	36
18		9	9	24	—	—	—	42
19		9	12	14	—	—	—	35
20		9	12	18	—	—	—	39
21	4	9	12	24	—	—	—	45
22		9	14	14	—	—	—	37
23		9	14	18	—	—	—	41
24		9	14	24	—	—	—	47
25		9	18	18	—	—	—	45
26		9	18	24	—	—	—	51
27		9	24	24	—	—	—	57
28		12	12	12	—	—	—	36
29		12	12	14	—	—	—	38
30		12	12	18	—	—	—	42
31	5	12	12	24	—	—	—	48
32		12	14	14	—	—	—	40
33		12	14	18	—	—	—	44
34		12	14	24	—	—	—	50
35		12	18	18	—	—	—	48
36		12	18	24	—	—	—	54
37#		12	24	24	—	—	—	60
38		14	14	14	—	—	—	42
39		14	14	18	—	—	—	46
40		14	14	24	—	—	—	52
41	6	14	18	18	—	—	—	50
42		14	18	24	—	—	—	56
43		14	24	24	—	—	—	62
44		18	18	18	—	—	—	54
45		18	18	24	—	—	—	60
46		7	7	7	14	—	—	35
47		7	7	7	18	—	—	39
48		7	7	7	24	—	—	45
49		7	7	9	12	—	—	35
50		7	7	9	14	—	—	37
51	7	7	7	9	18	—	—	41
52		7	7	9	24	—	—	47
53		7	7	12	12	—	—	38
54		7	7	12	14	—	—	40
55		7	7	12	18	—	—	44
56		7	7	12	24	—	—	50
57		7	7	14	14	—	—	42
58		7	7	14	18	—	—	46
59		7	7	14	24	—	—	52
60		7	7	18	18	—	—	50
61	8	7	7	18	24	—	—	56
62		7	7	24	24	—	—	62
63		7	9	9	9	—	—	34
64		7	9	9	12	—	—	37
65		7	9	9	14	—	—	39
66		7	9	9	18	—	—	43
67		7	9	9	24	—	—	49
68		7	9	12	12	—	—	40
69		7	9	12	14	—	—	42
70		7	9	12	18	—	—	46
71	9	7	9	12	24	—	—	52
72		7	9	14	14	—	—	44
73		7	9	14	18	—	—	48
74		7	9	14	24	—	—	54
75		7	9	18	18	—	—	52
76		7	9	18	24	—	—	58
77		7	12	12	12	—	—	43
78		7	12	12	14	—	—	45
79		7	12	12	18	—	—	49
80		7	12	12	24	—	—	55
81	10	7	12	14	14	—	—	47
82		7	12	14	18	—	—	51
83		7	12	14	24	—	—	57
84		7	12	18	18	—	—	55
85		7	12	18	24	—	—	61

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	TOTAL
86	11	7	14	14	14	—	—	49
87		7	14	14	18	—	—	53
88		7	14	14	24	—	—	59
89		7	14	18	18	—	—	57
90		7	18	18	18	—	—	61
91		9	9	9	9	—	—	36
92		9	9	9	12	—	—	39
93		9	9	9	14	—	—	41
94		9	9	9	18	—	—	45
95		9	9	9	24	—	—	51
96	12	9	9	12	12	—	—	42
97		9	9	12	14	—	—	44
98		9	9	12	18	—	—	48
99		9	9	12	24	—	—	54
100		9	9	14	14	—	—	46
101		9	9	14	18	—	—	50
102		9	9	14	24	—	—	56
103		9	9	18	18	—	—	54
104		9	9	18	24	—	—	60
105		9	12	12	12	—	—	45
106	13	9	12	12	14	—	—	47
107		9	12	12	18	—	—	51
108		9	12	12	24	—	—	57
109		9	12	14	14	—	—	49
110		9	12	14	18	—	—	53
111		9	12	14	24	—	—	59
112		9	12	18	18	—	—	57
113		9	14	14	14	—	—	51
114		9	14	14	18	—	—	55
115		9	14	14	24	—	—	61
116	14	9	14	18	18	—	—	59
117		12	12	12	12	—	—	48
118		12	12	12	14	—	—	50
119		12	12	12	18	—	—	54
120		12	12	12	24	—	—	60
121		12	12	14	14	—	—	52
122		12	12	14	18	—	—	56
123		12	12	14	24	—	—	62
124		12	12	18	18	—	—	60
125		12	14	14	14	—	—	54
126	15	12	14	14	18	—	—	58
127		12	14	18	18	—	—	62
128		7	7	7	7	—	—	35
129		7	7	7	7	9	—	37
130		7	7	7	7	12	—	40
131		7	7	7	7	14	—	42
132		7	7	7	7	18	—	46
133		7	7	7	7	24	—	52
134		7	7	7	9	9	—	39
135		7	7	7	9	12	—	42
136	16	7	7	7	9	14	—	44
137		7	7	7	9	18	—	48
138		7	7	7	9	24	—	54
139		7	7	7	12	12	—	45
140		7	7	7	12	14	—	47
141		7	7	7	12	18	—	51
142		7	7	7	12	24	—	57
143		7	7	7	14	14	—	49
144		7	7	7	14	18	—	53
145		7	7	7	14	24	—	59
146	17	7	7	7	18	18	—	57
147		7	7	9	9	9	—	41
148		7	7	9	9	12	—	44
149		7	7	9	9	14	—	46
150		7	7	9	9	18	—	50
151		7	7	9	9	24	—	56
152		7	7	9	12	12	—	47
153		7	7	9	12	14	—	49
154		7	7	9	12	18	—	53
155		7	7	9	12	24	—	59
156	18	7	7	9	14	14	—	51
157		7	7	9	14	18	—	55
158		7	7	9	14	24	—	61
159		7	7	9	18	18	—	59
160		7	7	12	12	12	—	50
161		7	7	12	12	14	—	52
162		7	7	12	12	18	—	56
163		7	7	12	12	24	—	62
164		7	7	12	14	14	—	54
165		7	7	12	14	18	—	58
166	19	7	7	12	18	18	—	62
167		7	7	14	14	14	—	56
168		7	7	14	14	18	—	60
169		7	9	9	9	9	—	43
170		7	9	9	9	12	—	46

NO.	ROOMS	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	TOTAL
171	5	7	9	9	9	14	—	48
172		7	9	9	9	18	—	52
173		7	9	9	9	24	—	58
174		7	9	9	12	12	—	49
175		7	9	9	12	14	—	51
176		7	9	9	12	18	—	55
177		7	9	9	12	24	—	61
178		7	9	9	14	14	—	53
179		7	9	9	14	18	—	57
180		7	9	9	18	18	—	61
181		7	9	12	12	12	—	52
182		7	9	12	12	14	—	54
183		7	9	12	12	18	—	58
184		7	9	12	14	14	—	56
185		7	9	12	14	18	—	60
186		7	9	14	14	14	—	58
187		7	9	14	14	18	—	62
188		7	12	12	12	12	—	55
189		7	12	12	12	14	—	57
190		7	12	12	12	18	—	61
191		7	12	12	14	14	—	59
192		7	12	14	14	14	—	61
193		9	9	9	9	9	—	45
194		9	9	9	9	12	—	48
195		9	9	9	9	14	—	50
196		9	9	9	9	18	—	54
197#		9	9	9	9	24	—	60
198		9	9	9	12	12	—	51
199		9	9	9	12	14	—	53
200		9	9	9	12	18	—	57
201	9	9	9	14	14	—	55	
202	9	9	9	14	18	—	59	
203	9	9	12	12	12	—	54	
204	9	9	12	12	14	—	56	
205	9	9	12	12	18	—	60	
206	9	9	12	14	14	—	58	
207	9	9	12	14	18	—	62	
208	9	9	14	14	14	—	60	
209	9	12	12	12	12	—	57	
210	9	12	12	12	14	—	59	
211	9	12	12	14	14	—	61	
212	12	12	12	12	12	—	60	
213	12	12	12	12	14	—	62	
214	6	7	7	7	7	7	7	42
215		7	7	7	7	7	9	44
216		7	7	7	7	7	12	47
217		7	7	7	7	7	14	49
218		7	7	7	7	7	18	53
219		7	7	7	7	9	9	46
220		7	7	7	7	9	12	49
221		7	7	7	7	9	14	51
222		7	7	7	7	9	18	55
223		7	7	7	7	12	12	52
224		7	7	7	7	12	14	54
225		7	7	7	7	12	18	58
226		7	7	7	7	14	14	56
227		7	7	7	9	9	9	48
228		7	7	7	9	9	12	51
229		7	7	7	9	9	14	53
230		7	7	7	9	12	12	54
231		7	7	7	9	12	14	56
232		7	7	7	9	14	14	58
233		7	7	7	12	12	12	57
234		7	7	7	12	12	14	59
235		7	7	7	12	14	14	61
236		7	7	9	9	9	9	50
237		7	7	9	9	9	12	53
238		7	7	9	9	9	14	55
239		7	7	9	9	12	12	56
240		7	7	9	9	12	14	58
241		7	7	9	9	14	14	60
246		7	7	9	12	12	12	59
247		7	7	9	12	12	14	61
248	7	7	12	12	12	12	62	
242	7	9	9	9	9	9	52	
243	7	9	9	9	9	12	55	
244	7	9	9	9	9	14	57	
245	7	9	9	9	12	12	58	
249	7	9	9	9	12	14	60	
250	7	9	9	12	12	12	61	
251	9	9	9	9	9	9	54	
252	9	9	9	9	9	12	57	
253	9	9	9	9	12	12	60	

““

Like all Kiwis, I put the comfort of my family first.

Installing a Fujitsu will keep you comfortable all year round and ensure you wake up & arrive home to a fresher home.

Our Heat Pump/Air Conditioners are efficient, effective and beautifully designed. You can trust Fujitsu. It's New Zealand's Favourite Air®.

””

Sam Fleming





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