#### AUSTRALIA'S FAVOURITE AIR™

## AIR CONDITIONING RANGE

WALL MOUNTED - DESIGNER RANGE

WALL MOUNTED - COOLING ONLY

WALL MOUNTED - REVERSE CYCLE

CASSETTE

**CEILING & FLOOR CONSOLE** 

**MULTI SYSTEMS** 



# Fujitsu leads the way

Fujitsu leads the way in design and technology with its most exciting range of innovative air conditioners.

With a choice of individual and advanced systems in a variety of configurations, Fujitsu can provide the perfect solution for any environment.

Whether it's heating or cooling, come home to Fujitsu comfort.

#### **Features**



#### Up/Down Swing Louvre

The up/down louvre automatically swings up and down.



#### Right/Left Swing Louvre

The right/left louvre automatically swings in either direction.



#### **Double Swing Automatic**

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



#### **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.



#### Automatic Air Flow Adjustment

The micro-processor automatically adjusts the air flow to follow changes in room temperature:



#### Auto Restart

Should there be a 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 operating modes based on the set point temperature and room temperature.



#### Blue Fin Heat Exchanger

Corrosion-resistance of the heat exchanger in coastal areas has been improved by blue fin treatment of the outdoor unit heat exchanger.



#### All DC

With All DC, electricity loss is decreased and power consumption reduced.



#### V-PAM

V-Pam Inverter technology increases the maximum output of the compressor significantly and enables high power and high efficiency. For details, see page 5.



#### I-PAM

I-Pam inverter technology enables high output and high efficiency performance. For details, see page 5.



#### Sleep Timer

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



#### Program Timer

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.



#### 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.



#### Washable Panel

#### $\mathbb{Q}$

#### Connectable Distributing

Conditioned air can be distributed to adjacent areas by means of a distribution duct.



#### Connectable Fresh Air Duct

Allows introduction of fresh air to occupied space.



#### Fresh Air Intake

Fresh air can be taken in by a fan which can be connected using UTD-ECS5A\* (optional parts).



#### Long-life Ion Deodorisation Filter

For details, see page 11.



#### Apple-catechin Filter

For details, see page 11.



#### Air Clean Filter

For details, see page 12.



#### Powerful Mode

Powerful mode will operate the indoor unit fan and outdoor unit compressor at maximum operation to quickly make the room conditioned and comfortable.



#### **Human Sensor**

Human sensor detects movement of people within the conditioned room.



#### Product Design Award

For details, see page 6



#### Good Design Award

For details, see page 6



#### Coil Dry

After the power is turned off, the dry operation starts inside the air conditioner. This prevents the growth of mold and bacteria inside the air conditioner.



#### Cooling



#### Heating

"If you're looking for an air conditioner that you can trust to keep you comfortable year round, my advice is to look no further than a Fujitsu.

They are efficient, effective, and beautifully designed, I should know, I bought one myself.

So for an air conditioner you can trust, go with the name you know, Fuiitsu, it's Australia's favourite air."

Made Jaylas

### CONTENTS



#### **ABOUT AIR CONDITIONING**

#### What is an air conditioner?

An air conditioner is designed to provide comfort within your home regardless of the weather or season. Air conditioners use the principles of heat transfer where they absorb and transfer heat to keep you comfortable all year round. In summer when running on cooling mode, heat is removed from the indoor environment and transferred to the outdoor unit where it is expelled outside. This is why you will feel hot air coming from the outdoor unit in summer. This leaves your room cooler and more comfortable on those hot summer days.

#### Cool vs reverse

Fujitsu air conditioners are great for keeping you cool in summer, but did you know they are also one of the most cost effective ways of warming your home in winter? Unlike other traditional heaters, they can warm your home faster and more efficiently. In winter when running on heating mode the process is "reversed". Reverse cycle air conditioners absorb heat from the outside, and transfers that heat to the indoor environment keeping you warm in winter. Fujitsu air conditioners are designed to cool or heat your home even in the most extreme conditions. This makes a Fujitsu air conditioner the perfect comfort solution, all year around.

#### Split System vs Multi System

Split System air conditioners are designed to conveniently and efficiently cool or heat a single room. For situations where more than a single room needs cooling or heating, Fujitsu has a range of Multi Systems designed to air condition 2, 3 or 4 areas in your home. They allow for individual control of each indoor unit, with the ease and simplicity of having only one outdoor unit running them all.



#### What to consider when purchasing an air conditioner

Buying an air conditioner can be confusing and buying the biggest unit is not always the best idea. If the unit is too big for the room, it will use extra energy and will turn itself on and off too often. On the other hand, if the unit is too small, it will not be able to handle the amount of work it needs to do. The following are a few things to consider when thinking about your next Fujitsu air conditioner:

- · Do I need cooling only or heating as well?
- · What is the size of the area that I want to air condition?
- Are my ceilings and walls insulated?
- · What direction do my windows face?

To find the most economical Fujitsu Air Conditioner for your room visit the Economatch page of the Fujitsu General website, or talk your local Fujitsu General stockist for more options.



#### INVERTER TECHNOLOGY

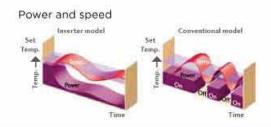
#### What is an inverter?

Through new, advanced technology, inverter air conditioners are more economical to operate and quieter to run than conventional units. They can handle greater extremes in temperature, are smoother and more stable in operation and reach the desired temperature more quickly than conventional air conditioners.

# Room warming speed Room Temp. Inverter Conventional Time

#### Inverter control

The Inverter component allows the outdoor unit to vary its speed and output to match the required capacity of the indoor unit. Thus, the Inverter model can achieve 30% more operating efficiency than conventional models and therefore, is much cheaper to run.

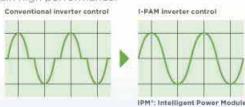


#### Optimised inverter control



I-PAM (IPM\*+PAM) Inverter Control

I-PAM inverter control is a technology which reduces loss by adjusting the current waveform to a better sine waveform. This promotes the effective use of the input power supply to attain high performance.





V-PAM (Vector+I-PAM) Inverter Control

V-PAM inverter control reduces the effects of magnetic flux and increases the maximum speed and efficiency of the compressor by vector control technology. With this technology, further miniaturisation, higher efficiency, and better performance are attained. In addition, the voltage is raised at the start of operation and fast comfort is attainable by more powerful operation.



This technology enables miniaturisation and high performance of the compressor.



It becomes more powerful with the newly developed high efficient compressor motor control.

#### High energy efficiency

The high efficiency DC Inverter Multi System offers energy saving operation and 50% higher efficiency than a constant-speed multi system. Improved inverter cooling ratio prevents a drop in capacity when operating under load conditions.

#### Energy Saving over 1 year



#### Comfort & stability

The air conditioner's output is stabilised at the optimum setting within the range from maximum to minimum to match the load, which is affected by factors such as the room temperature and the number of people present.



#### **INVERTER WALL MOUNTED - DESIGNER RANGE**







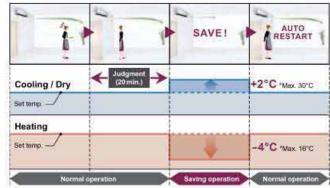
The Fujitsu LUCA Designer Range has received two international design awards. The 'iF Product Design Award 2012' recognises innovative product design and the 'Good Design Award 2011' identifies design that enriches everyday life.

#### **ENERGY SAVING**

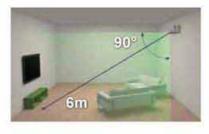
#### **Human sensor control**

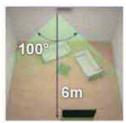
The human sensor in Fujitsu's LUCA range is designed to detect the movement of people to deliver the optimum efficiency and temperature control. When occupants leave the room and do not turn off the air conditioner, after 20 minutes of not detecting any movement in the room, the human sensor will switch the air conditioner into energy saving operation. During this operation, the set point will be increased by up to 2°C on cooling and decrease down to 4°C on heating to minimise the air conditioners energy usage. When someone re-enters the room, the human sensor will detect movement and return the air conditioner back to normal operation.





#### Human sensor's coverage





#### **POWERFUL OPERATION**

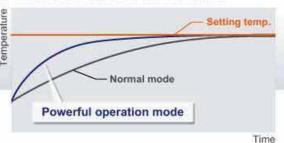


#### Powerful operation mode

When powerful operation mode is selected on the controller, the indoor unit fan and outdoor unit compressor will operate at maximum speed to quickly make the room conditioned and comfortable.

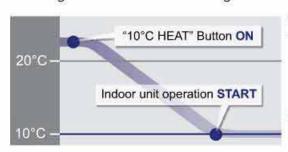
#### Caution

Powerful mode operates for 6 minutes or more, and stops automatically if reaching set temperature or 20 minutes pass.



#### 10°C HEAT operation

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

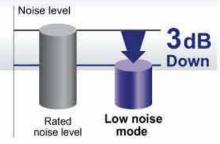


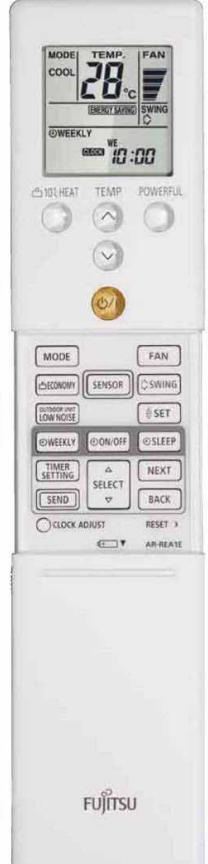
#### Caution

- When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.
- When "10°C HEAT" operation stops, the room set temperature quickly returns to the preset temperature.

#### Low noise mode for outdoor unit

Low noise mode of the outdoor unit can be selected by the wireless controller.

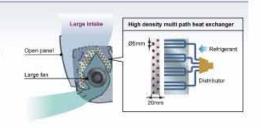




#### OUR ADVANCED TECHNOLOGY

Indoor unit: How the air conditioner delivers comfort into the room has been improved by adopting an open panel design and a newly designed large diameter fan barrel. The introduction of these new features allows a much larger air intake to the indoor unit and better air circulation into the room space. In addition, this model has a new multi path high-density heat exchanger, which has increased the cooling and heating efficiency of the LUCA Models.

Outdoor unit: The operating noise of the outdoor unit has been reduced when compared with our other models by using an efficient air flow design. The LUCA models use a large outdoor heat exchanger and DC twin rotary compressor to be able to deliver a higher capacity when required.





#### REMOTE CONTROLLER

The LUCA models have a new designed wireless controller, which allows for more convenient operation and high quality comfort operation by pushing a single button.

Easier weekly timer setting: Setting the weekly timer is much easier than before. The new 7 day timer mode allows for batch setting for all days of the week. Also it is possible to change the individual specified days separately.

Timer setting on a certain day

Program 1
7.00 ON 24°C
Program 2
9.00 OFF

Walks up

Sun Mon Tue Web Thu FRI SAT

The same settings are applied in batch for 1 week.

Sun Mon Tue Web Thu FRI SAT

The same settings are applied in batch for 1 week.

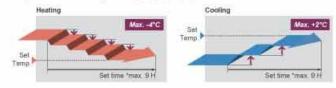
Sun Mon Tue Web Thu FRI SAT

The same settings are applied in batch for 1 week.

**Program timer:** This digital timer allows selection of one of four options: ON, OFF, ON OFF or OFF ON.

**Sleep timer:** The micro-processor gradually changes the room temperature automatically to allow a comfortable night's sleep.

\*Sleep timer setting: 0.5, 1, 2, 3, 5, 7, 9 Hours



#### Slim & Smart design remote controller

This thinnest ever remote controller has an easy-to-view large LCD and a one-touch selection button in simple and easy-to-use layout to achieve a great operation feel for often used functions. Ease of use and design are improved.

#### 3 mode timer

Weekly timer can be easily set by wireless remote controller. ON, OFF can be set up to 4 times in 1 day and up to 28 times in 1 week. For other modes, Program timer and Sleep timer can be also selected by one push.

#### OPTIONAL PARTS





TYPE	MODEL	UNITS		INVERTER	
fodel No.	Indoor Unit		ASTG09LUCA	ASTG14LUCA	ASTG18LUCA
lodel No.	Outdoor Unit		AOTG09LUC	AOTG14LUC	AOTG18LUC
everse Cycle System			YES	YES	YES
colling Capacity		Watts	2,500	4,200	5,000
		BTU/h	8,500	14,300	17,100
ange .		Watts	500-3,300	900-5,000	900-5,800
<del></del>		BTU/n	1,700-11,300	3,100-17,100	3,100-19,800
leating Capacity		Watts	3.400	5,400	6,000
		BTU/h	11,600	18.400	20,400
tange		Watts	500-4,200	900-6.000	1,050-7,300
		BTU/h	1,700-14,300	3,100-20,500	3,600-24,900
ower Supply		Valts	240	240	240
hase-Frequency		Ph-Hz	1-50	1-50	1-50
ower Supply Attachment		PH-FSZ	Outdoor	Outdoor	Outdoor
			NA NA		NA
fug Size (If Applicable)	C 200000			NA F 7	
	Cooling	A second	2.8	5.7 May 0.0	6.5
unning Current	Range	Amps	Max 6.0	Max 9.0	max 9.5
	Heating	_	3.7	6.4	6.7
	Range		Max 7.5	max 10.5	max 13.5
	Cooling		580	1,250	1,530
put	Range	Watts	250-1,420	250-2,130	180-2,250
	Heating		780	1,470	1,580
	Range		250-1,780	250-2,490	170-3,200
laisture Removal		I/hr	1,3	2.1	2.6
E.R.	Cooling		4.31	3.36	3:27
O.P.	Heating		4.36	3.67	3.8
tar Rating	Cooling	-	-4	2	2
	Heating		4	2.5	3
an Speeds			4	4	4
ir Circulation	High	1/5:	222	250	264
ompressor Type			DC Rotary	DC Rotary	DC Rotary
DWIENDSTON CO. WA DOC		Height	282	282	282
	LU: mm	Width	870	870	870
		Depth	185	185	185
	Net Weight	kg	9.5	9.5	9.5
imensions and Weights	2000110000000	Height	540	540	620
	O.U. mm	Width	660	790	790
	0.0.1101	Depth	290	290	290
	Net-Weight	Kg Kg	25	34	40
U. Sound Pressure Level	Not-weight:	KU	42	45	47
		dBA@Imetre			
U. Sound Pressure Level		in.	49	50	53
.U. Sound Power Level	- T-100	dBA	65	67	70
efrigerant	Туре		R410A	R410A	R410A
onnection Pipe Sizes	Gas	mm	9.52	12.7	12.7
	Liquid		6.35	6.35	6.35
re Charged Length			15	15	15
linimum Pipe Length		Metre	3	3	3
aximum Pipe Length		Ties o	20	20	20
aximum Pipe Height			15	15	15
ipe Connection Methods			Flare	Flare	Flare
VALUE OF THE PARTY	Cooling	D. C.	10 to 46	10 to 46	10 to 46
Outdoor operating Temp.	Heating	Degrees C	•15 to 24	-15 to 24	-15 to 24

#### **INVERTER WALL MOUNTED - COOLING ONLY**

#### **Energy efficient Fujitsu comfort**

The Fujitsu smart inverter range reaches the desired room temperature faster and then constantly adjusts to maintain perfect Fujitsu Comfort. With its energy efficiency, it is up to 30% cheaper to run than conventional air conditioners.

#### INVERTER WALL MOUNTED - COOLING ONLY



Wired R.C.

For ASTA18/24

For ASTA30/34

Wireless R.C

#### **FEATURES & BENEFITS**

#### Air conditioner filter features

Long-life\* Ion Deodorisation Filter

The filter deodorises by powerfully decomposing absorbed odours using the oxidising and reducing effects of ions generated by the ultrafine-particle ceramic.

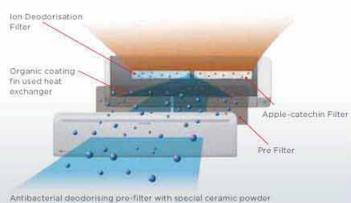


\*The filter can be used for approx. 3 years if it is washed under water to restore its surface action when it is dirty.

Apple-catechin Filter

Fine dust, invisible mold spores, and harmful micro organisms are absorbed onto the filter by static electricity, and further growth is inhibited and deactivated by the polyphenol extracted from apples.





TYPE	MODEL	UNITS				INVERTER			
Model No.	Indoor Unit	2	ASTA07JEC	ASTG09JECA	ASTG12JECA	ASTA18JCC	ASTA24JFCB	ASTA30JFCB	ASTA34JFC
Model IVe	Outdoor Uni	it.	AOTRO7JEC	AOTG09JEC	AOTG12JEC	AOTR18JCC	AOTR24JFCB	AOTR30JFTB	AOTR34JFT
Reverse Cycle System			No	No	No	No.	No	No	No
Particular Particular		Watts	2,100	2,600	3,500	5,200	6,700	8,000	9,400
Cooling Capacity		BTU/N	7,200	8,900	11,900	17,700	22,900	27,300	32,100
20000	1	Watts	500-3,000	900-3,200	900-4,000	900-6,000	900-8,000	2,900-9,000	2,900-10,00
Rango	T.	BTU/h	1,700-10,200	3,100-10,900	3,100-13,600	3,100-20,400	3,100-27,300	9,900-30,700	9,900-34,10
Parameter - Anna Carlo		Watts				-	-		-
Heating Capacity		BTU/hi			12			(+)	-
E		Watts	÷.	-		-	*	(*)	
Rango		BTU/h	+:			-		1.00	
Power Supply		Volts	240	240	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50	1-50	1-50
Power Supply			Indoor/	Participan (Carrier Carrier Ca	52 W 10 TO 12 TO 1	02/2/2/2020	120 KIRCH - 201	Mark Control	0250345025
Attachment			10 amp plug	Outdoor/NA	Outdoor/NA	Outdoor/NA	Outdoor/NA	Outdoor/NA	Outdoor/NA
	Cooling		2.6	3.1	4.2	6.1	8.6	10.2	13.5
Running Current	Range	Āmps	Max 6.0	Max 6.0	Max 6.5	Max 9	Max 11.5	Max 17	Max 18
AND DUE SHIPPIN	Heating	AMORES.					6	100	
	Range	3 <u>L</u>	-	2		20	2	029	
	Cooling		520	630	920	1,410	2,020	2,420	3,200
Inout	Range	Watts	250-1,270	250-1,270	250-1,540	90-2,000	110-2,550	580-4,040	580-4,280
Input	Heating	Watts	-		-	- 0	- 2	15.	
	Range		2		12	-	8	192	-
Moisture Removal		I/hei	1.0	1.3	1.8	2.8	2.7	3.2	3.6
EER	Cooling	V	4.04	4.13	3.80	3.69	3.32	3.31	2.94
COP	Heating		2/	2	12	- 3	2	14.	-
	Cooling		3	3.5	3	2.5	2	2	1.5
Star Rating	Heating:		-						-
Fan Speeds	4		- 4	4	4	4	4	4	4
Air Circulation	High	1/6	208	192	208	250	306	306	347
Compressor Type			DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary
		Height	260	260	280	320	320	320	320
	LU.mm	Width	790	790	790	998	998	998	998
	RESCRIPTION	Depth	198	198	203	228	228	228	228
	Net Weight	kg	7.5	7.5	8.0	14	14	14	14
Dimensions and Weights	-	Height	540	540	540	620	620	830	830
	O.U. mm	Wieth	660	660	790	790	790	900	900
	I SARLININO	Depth	290	290	290	298	298	330	330
	Net Weight	kg	28	29	35	40	40	58	58
I.U. Sound Pressure Level	The second second		43	43	43	43	47	48	52
O.U. Sound Pressure Level		- dBA #Imetre	48	49	49	50	56	53	54
O.U. Sound Power Level		dBA	63	65	66	65	72	68	70
Refrigerant	Туре		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Gas		9.52	9.52	9.52	12.7	15.88	15.88	15.88
Connection Pipe Sizes	Liquid	- mm	6.35	6.35	6.35	6.35	6.35	9.52	9.52
Pre Charged Length			10	7.5	7.5	15	15	20	20
Minimum Pipe Length	-	11	3	3	3	3	3	5	5
Maximum Pipe Length		Metre	15	15	20	30	30	30	30
Maximum Pipe Height			10	10	15	20	20	20	20
Control of the Contro		#	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Pipe Connection Methods	Waster House	41					The Address of the State of the		
Outdoor operating Temp.	Cooling	Degrees C	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46	18 to 46

#### **INVERTER WALL MOUNTED - REVERSE CYCLE**

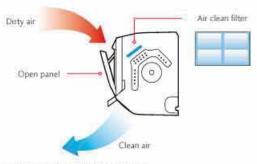
#### INVERTER WALL MOUNTED



#### Air conditioner filter features

The ASTG standard air clean 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.

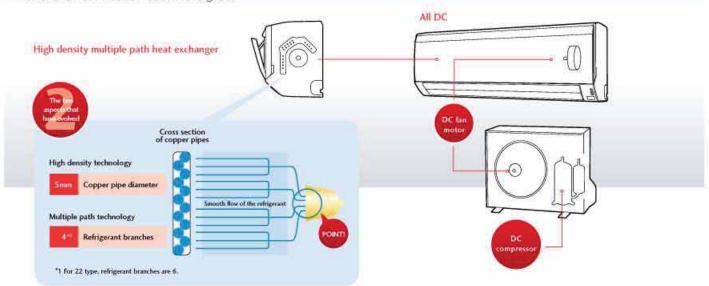
The filter contains catechin which is highly effective against various bacteria by suppressing the growth of bacteria absorbed by the filter.



- > Clean automatic open panel
- Air clean (anti-bacteria) filter provides clean airflow for complete comfort

#### HIGH EFFICIENCY TECHNOLOGY

Significantly higher efficiency is realised by using DC twin rotary compressor, DC Inverter control and DC fan motor technologies.



#### **CONTROL OPTIONS**



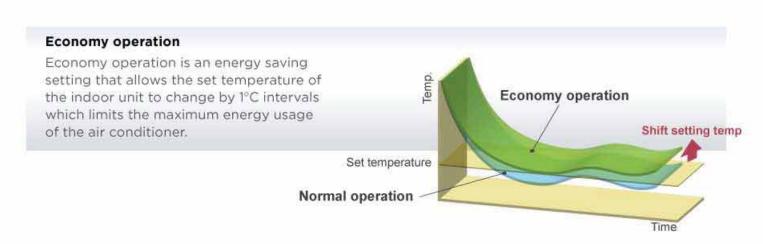
TOPE	MODEL	UNITS		INVE	RTER	
Model No.	Indoor Unit		ASTG09LVCA	ASTG12LVCB	ASTG18LVCB	ASTG22LVCB
nodel No.	Outdoor Unit		AOTG09LVC	AOTG12LVCB	AOTG18LVCB	AOTG22LVCE
Reverse Cycle System			Yes	Yes	Yes	Yes
		Watts	2,500	3,500	5,000	6,300
Cooling Capacity		BTU/h	8,500	11,900	17,100	21,500
		Watts	500-3,300	900-4,000	900-5,800	900-7,300
Range		BTU/h	1,700-11,300	3,100-13,600	3,100-19,800	3,100-24,900
Terror 1111 (40 1110 1110 1110 1110 1110 1110		Watts	3,400	4,800	6,000	7,200
leating Capacity		BTU/h	11,600	16,400	20,400	23,900
10 A ( + 0 )		Watts	500-4,000	900-5,600	1,050-8,100	1,050-8,700
Range		BTU/h	1,700-13,600	3,100-19,100	3,600-27,600	3,600-29,700
Power Supply		Volts	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50
ower Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor
and the second s	Cooling		2.8	4.2	6.5	8.2
	Range		Max 6.0	Max 6.5	Max 9.5	Max 11.5
running Current	Reating	Amps	3.5	5	6.3	8.5
	Range		Max 7.5	Max 9.0	Max 13.5	Max 17.5
	Cooling		580	920	1,530	1,950
	Range		250-1,240	250-1,420	180-2,030	180-2,750
nput	Heating	Watts	730	1,110	1,490	2,030
			250-1,560	250-2,000	170-3,190	170-4,180
Moisture Removal	Range	1/hr	1.3	1.8	2.6	2.7
	PARTITION 1	1/Dr	4.31			
E.R.	Cooling			3.8	3.27	3.23
C.O.P.	Heating		4.66	4.32	4,03	3.55
Star Rating	Cooling		4	3	2	2
	Heating		4.5	4	3.5	2,5
an Speeds			4	4	4	4
Air Circulation	High	l/s	219	225	267	267
Compressor Type			DC Rotary	DC Rotary	DC Rotary	DC Rotary
		Height	293	293	293	293
	I.U. mm	Width	790	790	790	790
		Depth	225	225	225	225
Dimensions and Weights	Net Weight	kg	9.5	9.5	9.5	10
Antiqualistis and transpire		Height	540	540	620	620
	O.U. mm	Width	660	790	790	790
		Depth	290	290	290	290
	Net Weight	kg	26	35	40	42
U. Sound Pressure Level		dBA@lmetre	41	42	46	48
O.U. Sound Pressure Level		GDA Millette	47	48	52	55
O.U. Sound Power Level		dBA	64	66	69	72
Refrigerant	Туре		R410A	R410A	R410A	R410A
have walked they there	Gas		9.52	9.52	12.7	15,88
Connection Pipe Sizes	Liquid	mm	6.35	6.35	6.35	6.35
re Charged Length			15	15	15	15
finimum Pipe Length			3	3	3	3
faximum Pipe Length		Metre	20	20	20	20
4aximum Pipe Height			15	15	15	15
Pipe Connection Methods			Flare	Flare	Flare	Flare
	Cooling		10 to 46	10 to 46	10 to 46	10 to 46
Outdoor operating Temp.	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24

#### **INVERTER WALL MOUNTED - REVERSE CYCLE**

#### INVERTER WALL MOUNTED

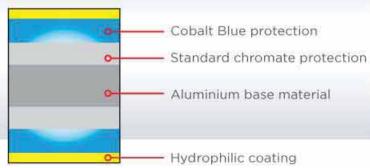






#### **BLUE FIN HEAT EXCHANGER**

Fujitsu has made an air conditioner to suit almost all installation environments. As over 80% of Australia's population live in coastal areas, Fujitsu has improved the corrosion resistance of all its outdoor unit heat exchangers with the introduction of a blue fin coil treatment.



TYRE	MODEL	UNITS		INVERTER	
	Indoor Unit		ASTG24LFCB	ASTG30LFCB	ASTG34LFCE
Model No.	Outdoor Uni	t		AOTG30LFTB	
Reverse Cycle System			Yes	Yes	Yes
70 170		Watts	6.800	8,000	9.200
Cooling Capacity		BTU/h	23,200	27,300	31,400
		Watts	900-8,300	2,900-9,000	2,900-10,000
Range		BTU/h	3,100-28,300	9.900-30.700	
		Watts	8,000	9,000	10,000
Heating Capacity		BTU/h	27,300	30,700	34,100
		Watts	900-10,600	2.200-11.000	2,700-11.200
Range		BTU/h	3,100-36,200		9,200-38,200
Power Supply		Volts	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50
Power Supply		Sitesiate	411.0-5WO J.		
Attachment			Outdoor	Outdoor	Outdoor
	Cooling		8.6	10.2	11.8
Contraction Volume	Range	Non-mar-	Max 13.5	Max 17.0	Max 18.5
Running Current	Heating	Amps	9.5	11.1	12.8
	Range		Max 18.5	Max 19.0	Max 19.0
	Cooling		2,040	2,420	2,800
an works	Range	2000000	300-3,210	580-4,040	590-4,400
Input	Heating	Watts	2,260	2,640	3,030
	Range		280-4,400	500-4,520	600-4,520
Moisture Removal	1.55mm=55	1/hr	2.7	3.2	3.5
E.E.R.	Cooling		3.33	3.31	3.29
C.O.P.	Heating		3.54	3.41	3,30
	Cooling		2	2	2
Star Rating	Heating		2.5	2	2
Fan Speeds	CHARLETTINE		4	4	4
Air Circulation	High	1/s	306	311	347
Compressor Type		1	DC Rotary	DC Rotary	DC Rotary
ASSOCIATION OF THE PARTY OF THE		Height	320	320	320
	I.U. mm	Width	998	998	998
	Traction.	Depth	238	238	238
Dimensions and	Net Weight	kg	14	14	14
Weights	race areigne	Height	578	830	1.290
	O.U. mm	Width	790	900	900
	0.0.0	Depth	315	330	330
	Net Weight	kg	43	61	86
I.U. Sound Pressure			47	49	52
Level		dBA@Imetre	7.5	77	75
O.U. Sound Pressure Level			53	53	53
O.U. Sound Power		dBA	71	69	67
Level Refrigerant	Туре		R410A	R410A	R410A
Verriderant	170000				15.88
Connection Pipe Sizes	Gas	mm	15.88	15.88	111111111111
Date Character and the	Liquid		6.35	9.52	9.52
Pre Charged Length			15		
Minimum Pipe Length		Metre	3	3	5
Maximum Pipe Length			30	50	50
Maximum Pipe Height Pipe Connection			20	30	30
Methods			Flare	Flare	Flare
Outdoor operating	Cooling	Degrees C	-10 to 46	-10 to 46	-5 to 46
Temp	Heating	Acai see	-15 to 24	-15 to 24	-15 to 24

# Power diffuses Outside air conditions: 2°C 60% Operation contents: Heating (Influence): Set temperature (Max set temp): 30°C; airflow Hi, Air direction downward and front Outside air conditions: 3°C 40% Operation contents: Cooling Set temperature (Min set temp): 18°C, airflow Hi, Air direction downward and front Outside air conditions: 3°C 40% Operation contents: Cooling Set temperature (Min set temp): 18°C, airflow Hi, Air direction downward and front

"Healthy horizontal air flow" does not blow cool air directly at the occupants

in the room

#### **INVERTER CASSETTE**

#### INVERTER CASSETTE SPLIT SYSTEMS - COMPACT



#### INVERTER CASSETTE SPLIT SYSTEM



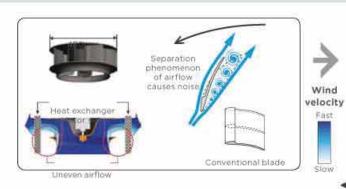


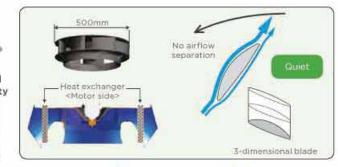
#### **FEATURES & BENEFITS**

#### High efficiency turbo fan with 3-dimensional blade

Previous turbo fan: Air passing through the heat exchanger was uneven and the air would only flow close to the ceiling.

New turbo fan: High efficiency airflow distribution has been achieved by the introduction of a 3-dimensional blade which increases the air passing over the heat exchanger.





Spin direction Airflow direction Turbulent flow noise Note: these features are for AUTA30L

TYPE	MODEL	UNITS			
	Indoor Unit		AUTF18LAL	AUTA24LBL	AUTA30LBLU
Model No.	Outdoor Un	it.	AOTA18LALL	AOTA24LALL	AOTA30LGTL
Reverse Cycle System	-50 ST. ST. ST.		Yes	Yes	Yes
Reverse Cycle dystern		Watts	5,200	7,100	8,500
Cooling Capacity				24.200	
		BTU/h	17,700	7.00	29,000
Range		Watts	900-5,900	900-8,000	2,800-10,000
		BTU/h	3,100-20,100	3,100-27,300	9,500-34,100
Heating Capacity		Watts	6,000	8,000	10,000
Heating Capacity		BTU/h	20,500	27,300	34,100
Denote		Watts	900-7,500	900-9,100	2,700-11,200
Range		BTU/h	3,100-25,600	3,100-31,000	9,200-38,200
Power Supply		Volts	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50
Power Supply		I MANAGEMENT			
Attachment			Outdoor	Outdoor	Outdoor
Plug Size (If		Amps	NA	NA	NA
Applicable)	Section 1	urestine.			10.0
	Cooling		6.8	9.6	10.8
Running Current	Range	Amps	Max 9.5	Max 12.5	Max 17.0
running current	Heating	WORK.	7.0	9.3	11.6
	Range		Max 13.0	Max 14.0	Max 17.0
	Cooling		1,620	2.280	2,570
0 0	Range	299000	Max 2,260	Max 2,970	Max 4,040
Input	Heating	Watts	1,660	2,210	2,770
	Range		Max 3,090	Max 3,330	Max 4,040
Majotusa Domesial	Kange	Wee	2.2		2.5
Moisture Removal	HARDON STORY	l/hr		2.7	
E.E.R.	Cooling		3.21	3.11	3.31
C,O.P.	Heating		3.61	3.61	3,61
Star Rating	Cooling		1.5	1.5	2
otor rating	Heating		2	2	2.5
Fan Speeds			4	4	4
Air Circulation	High	1/s	189	258	444
Compressor Type			DC Rotary	DC Rotary	DC Rotary
See the least of the least		Height	245(49)	245(49)	288(50)
	LU.(Grille)				
	mm	Width	570(700)	570(700)	840(950)
		Depth	570(700)	570(700)	840(950)
Dimensions and	Net Weight	kg	15(2.6)	17(2.6)	26(5.5)
Weights		Height	578	578	830
	O.U. mm	Width	790	790	900
		Depth	300	315	330
	****	12722	40	44	61
THE PROPERTY PROPERTY.	Net Weight	kg	40	44	- 01
I.U. Sound Pressure			38	49	40
Call Cound Orossura		dBA@Imetre			
O.U. Sound Pressure			50	52	53
Level O.U. Sound Power					
Level		dBA	65	68	69
	Total		R410A	R410A	R410A
Refrigerant	Type				
Connection Pipe Sizes	Gas	mm	12.7	15.88	15.88
	Liquid		6.35	6.35	9.52
Pre Charged Length			15	15	20
Minimum Pipe Length		Metre	3	3	5
Maximum Pipe Length		110110	25	30	50
Maximum Pipe Height			15	20	30
Pipe Connection					
Methods			Flare	Flare	Flare
Outdoor operating	Cooling	E 98	-10 to 46	+10 to 46	-15 to 46
Temp.	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24

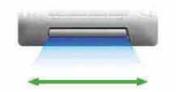
#### Improvement of the airflow distribution

#### New louvre

The new louvre design allows for a better air circulation to all areas of the room when compared with the previous model.



Bottom view
Front
Ceiling
Rear Part
Round Louvre



Temperature irregularity has been reduced by evenly circulating the airflow across the louvre.

#### **INVERTER CEILING & FLOOR CONSOLE**

#### INVERTER FLOOR CONSOLE SPLIT SYSTEMS

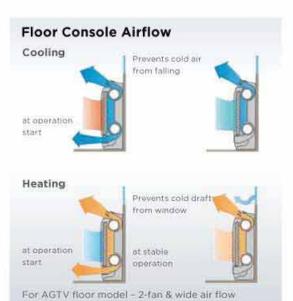


#### **INVERTER CEILING & FLOOR CONSOLE SPLIT SYSTEMS**



#### INVERTER UNDER CEILING SPLIT SYSTEM







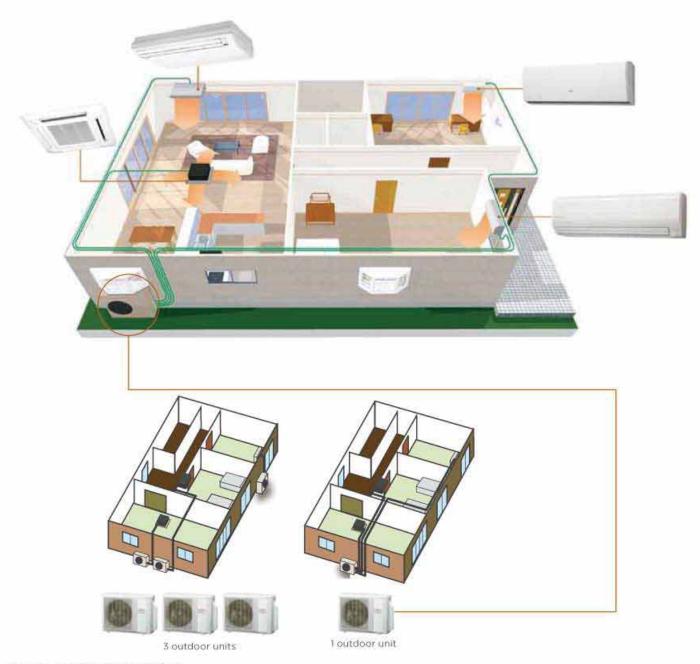
TYPE	MODEL	UNITS			INVERTER		
	Indoor Unit		AGTV09LAC	AGTV14LAC	ABTF18LAT	ABTF24LAT	ABTA30LBT
Model No.	Outdoor Unit		AOTVO9LAC	AOTV14LAC	AOTA18LALL	AOTA24LALL	AOTA30LGTL
Reverse Cycle System			Yes	Yes	Yes	Yes	Yes
		Watts	2,600	4,200	5.200	7,100	8,500
Cooling Capacity		BTU/h	8.900	14,300	17,700	24.200	29,000
		Watts	900-3.500	900-5.000	900-5.900	900-8.000	2.800-10.000
Range		BTU/h	3,100-11,900	3,100-17,100	3,100-20,100	3,100-27,300	9,500-34,100
		Watts	3,500	5,200	6,000	8,000	10,000
Heating Capacity		BTU/h	11,900	17.700	20,500	27.300	34.100
			Service Control of the Control of th	and the second of the second of the second		900-9.100	
Range		Watts	900-5,500	900-8,000	900-7,500		2,700-11,200
		BTU/h	3,100-18,800	3,100-27,300	3,100-25,600	3,100-31,000	9,200-38,200
Power Supply		Volts	240	240	240	240	240
Phase-Frequency		Ph- Hz	1-50	1-50	1-50	1-50	1-50
Power Supply Attachment			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
	Cooling		2.8	5.3	6.8	9.6	10.8
Secure to the second sect	Range	Annex	7	9	Max 9.5	Max 12.5	Max 17.0
Running Current	Heating	Amps	3.8	6.1	7.0	9.3	11.6
	Range		10	13.5	Max 13.0	Max 14.0	Max 17.0
	Cooling		600	1220	1,620	2,280	2,570
	Range		250-1.400	250-1,950	Max 2.260	Max 2,970	Max 4.040
nput	Heating	Watts	810	1440	1.660	2.210	2.770
	Range		250-2,200	250-3,050	Max 3,090	Max 3,330	Max 4,040
Noisture Removal	Manac	l/hr	1.3	21	2	2.7	2.5
E.R.	Cooling	Witte	4.33	3.44	3.21	3.11	3.31
C.O.P.	Heating		4.32	3.61	3.61	3.61	3.61
-Section .			3.5	2.0	2	1.5	2
Star Rating	Cooling						
Service Control of the Control of th	Heating		3.5	2.5	2.5	2	2.5
an Speeds	STREET, STREET	1.7	4	4	4	4	4
Air Circulation	High	Vs.	158	180	217	272	461
Compressor Type		T TANAMATOR TO THE	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary
		Height	600	600	199	199	240
	I.U. mm	Width	740	740	990	990	1,660
		Depth	200	200	655	655	700
Dimensions and Weights	Net Weight	kg	14	14	27	27	46
Simensions and Weights		Height	540	540	578	578	830
	Q.U. mm	Width	790	790	790	790	900
		Depth	290	300	300	315	330
	Net Weight:	kg	36	40	40	44	61
U. Sound Pressure			48	744	1979	40	9760
evel		- I Post and a second	40	44	44	49	45
D.U. Sound Pressure		dBA@Imetre	12021	10290	1 213	3256	229
.evel			47	50	50	52	53
D.U. Sound Power Level		dBA	64	66	65	68	69
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
Tannasian Dina Siece	Gas	222	9.52	12.7	12.7	15.88	15.88
Connection Pipe Sizes	Liquid	mm	6,35	6.35	6.35	6.35	9.52
Pre Charged Length	7-21/2010/UN		15	15	15	15	20
Minimum Pipe Length		a growner or	3	3	3	3	5
Maximum Pipe Length		Metre	20	20	25	30	50
Maximum Pipe Height			15	15	15	20	30
Pipe Connection							
Methods			Flare	Flare	Flare	Flare	Flare
Outdoor operating	Cooling	Production	-10 to 43	-10 to 43	-10 to 46	-10 to 46	-15 to 46
Temp.	Heating	Degrees C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

#### **INVERTER MULTI SYSTEMS**

A new Fujitsu Inverter Multi System is ideal where an individual indoor unit is required in more than one room, eg. a living room and 3 bedrooms. A Multi System allows for one outdoor unit to be connected to a wide variety of 2, 3 or 4 indoor units including Wall Mounted, Floor/Ceiling Console and Cassette models.

#### Wide range of indoor units with various models & sizes

The range includes 6 different indoor unit types and 12 different models ranging in capacity from 2.3kW to 6.8kW. With such a wide range of options to choose from, there's a combination to suit almost any need from a small residence to a large shop.



#### Space-saving installation

Multiple indoor units can be connected to 1 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.

#### **FLEXIBLE INSTALLATION**

Fujitsu Multi type systems can be installed in large buildings and over multiple floors due to the maximum allowable piping length.



Max. Height: 15m (AOTG24LAT3/30LAT4) Total Piping Length: 50m (AOTG24LAT3) 70m (AOTG30LAT4)

#### INNOVATIVE TECHNOLOGY

#### High efficiency large fan

New designed fan has been used to increase airflow efficiency.





#### Heat exchanger

A new 3 row heat exchanger has been used which allows for a more compact outdoor unit with higher energy efficiency.

#### DC fan motor

High performance and High efficiency has been achieved by using a new small DC Fan motor.



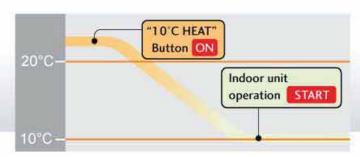


#### High efficiency DC twin rotary compressor

A high performance, low noise, large capacity DC twin rotary compressor is used.

#### 10°C HEAT OPERATION

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.

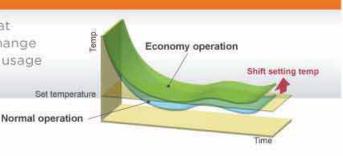


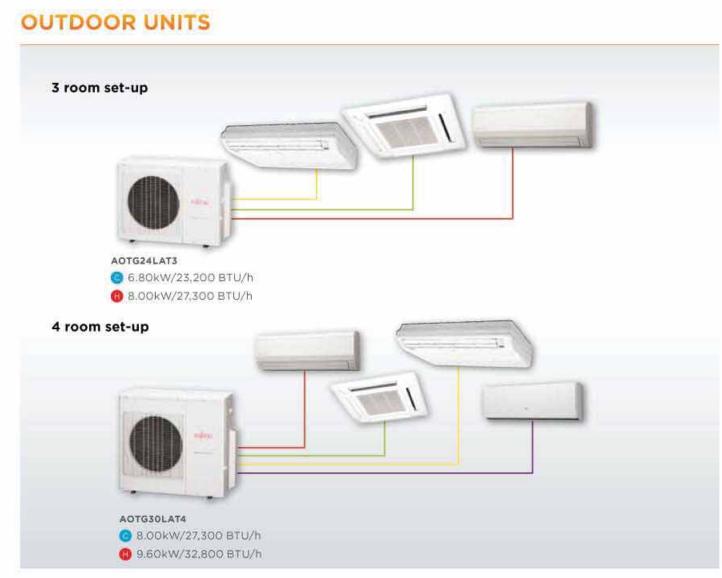
#### Caution

When the room temperature is higher than 10°C, "10°C HEAT" operation does not start. Operation starts and maintains the room temperature at 10°C when the temperature drops below 10°C.

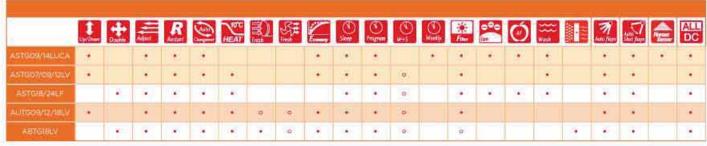
#### **ECONOMY OPERATION**

Economy operation is an energy saving setting that allows the set temperature of the indoor unit to change by 1°C intervals which limits the maximum energy usage of the air conditioner.









# INDOOR UNITS THAT CAN BE CONNECTED TO EACH OUTDOOR UNIT

											• co	NNECTED	- NOT CONNECTED
		COM	PACT CASS	ETTE	66	MPA	CT WA	LLMOL	INTED	WALLM	OUNTED	EU	OOR/CEILING
נטס.	DOOR					LIV.			U I				
			ITGOS ISLV			35 07							
	BTU Class	09	12	18	07	09	12	09	14	18	24		18
	kW Class	2.5	3.5	5.0	2.0	2.5	3.5	2.5	4.0	5.0	7.0		5.0
3 ROOMS	AOTG24LAT3			bitch.		19:		•:		200	(40)		
4 ROOMS	AOTG30LAT4					10			- 1				19

#### **CONTROLLER OPTIONS**



				INDOORIL	INITS	
	MODEL	Compact Cassotte	Compact W	all Mounted		
		Designation of the last of the	LV	100	115 200	AL RECEIPT
Wired Remote Controller	UTY-RNNYN	o	0*1	0.1	•	0
	AR-RAH2E		100	5	14	1.51
Wireless Remote Controller	AR-RAHIE			2		1.00
	AR-REAIE		180	*		(8)
Simple Remote Controller	UTY-RSNYN	o	0*1	012	٥	0

<sup>•</sup> Included controller Optional controller Optional Communication Kit (UTY-XCBXZI) is necessary for the installation Optional Communication kit (UTY-TWBXF) is necessary for the installation

#### INDOOR UNIT CONNECTION PATTERN

		3-RODMS AGEG24LA	T3 CONNECTABILITY		
		ROOM 2	ROOM 3	ROOM #	
1	7	7			14
2	7	9	1.01	125	16
3	7	12		i k	16 19
4	7	14	100		21
5	7	18	100	100	25
6	9	9	-	-	18 21
7	9	12	10	12	21
8	9	14		/ Re	23
9	9	18	1.00	100	27
10	12	12	1.51	175	24
11	12	14	V3/	72	26
12	12	18	16	(ie	30
13	7	7	7	1.6	21
14	7	7	9	189	23 26
15	7	7	12		26
16	7	7	14	197	28
L17	7	9	9	OR:	25
18	7	9	12		28
19	7	9	14		30 31
20	7	12	12	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	31
21	7	12	14	1.6	33
22	9	9	9	( e.	27
23	9	9	12	1.50	30
24	9	9	14	2	32
25	9	12	12	( in	33
26	9.	12	.14	18:	35
27	12	12	12	le :	36

#### INDOOR UNIT CONNECTION PATTERN (CONT'D)

			A ROOMS - AOTOZOLA	TA CONNECTABLITY		
2						
\$\frac{1}{4}\$\$ 7 7 7 7 24 \$\frac{1}{4}\$\$ 5 7 7 8 8 \$\frac{1}{4}\$\$ 4 7 7 7 9 9 24 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 7 7 12 12 12 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 \$\frac{1}{4}\$\$ 7 7 12 12 13 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 \$\frac{1}{4}\$\$ 7 12 12 13 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 \$\frac{1}{4}\$\$ 7 12 14 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$\$ 4 \$\frac{1}{4}\$\$\$ 4 \$\frac{1}{4}\$\$\$ 4 \$\frac{1}{				14		
\$\frac{1}{4}\$\$ 7 7 7 7 24 \$\frac{1}{4}\$\$ 5 7 7 8 8 \$\frac{1}{4}\$\$ 4 7 7 7 9 9 24 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 7 7 12 12 12 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 \$\frac{1}{4}\$\$ 7 7 12 12 13 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 \$\frac{1}{4}\$\$ 7 12 12 13 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$ 5 9 \$\frac{1}{4}\$\$ 7 12 14 \$\frac{1}{4}\$\$ 4 \$\frac{1}{4}\$\$\$ 4 \$\frac{1}{4}\$\$\$ 4 \$\frac{1}{4}\$\$\$ 4 \$\frac{1}{	2	7	7	18	-	32
4 7 9 112 - 28 8 7 7 9 144 - 300 8 7 7 9 184 - 340 9 7 102 14 - 331 9 7 102 14 - 331 10 7 102 14 - 337 10 7 102 14 - 337 10 7 102 14 - 337 11 7 102 14 - 337 11 7 102 14 - 337 11 7 103 14 14 14 15 - 337 11 7 14 14 14 15 - 359 11 8 7 14 14 15 - 359 11 8 7 18 18 18 - 44 18 18 - 44 18 18 18 18 18 18 18 18 18 18 18 18 18	3	7	7			38
5.         7         9         144         -         20           6         0         7         9         188         -         34           7         7         9         12         12         -         40           9         0         7         112         14         -         33           100         7         112         18         -         -         43           111         7         112         18         -         -         43           113         7         144         144         -         -         43           113         7         144         144         -         -         30           116         7         118         19         -         -         43           116         7         118         19         -         -         43           117         0         0         0         10         -         -         27           118         0         0         0         14         -         -         43           120         0         0         0         14         -         - </td <td>4</td> <td></td> <td></td> <td>12</td> <td>8</td> <td></td>	4			12	8	
6						20
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113			10			
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14	13	7	14	18	2	39
15		9				
16				24		
17			18	18	5	43
17	16	7	18	24		49
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48       7       7       12       18       44         49       7       7       14       14       42         50       7       9       9       9       34         51       7       9       9       12       37         52       7       9       9       14       39         53       7       9       9       18       43         54       7       9       12       12       40         55       7       9       12       14       42         56       7       9       12       14       42         57       7       9       12       18       46         57       7       9       12       18       46         57       7       9       12       12       14       44         58       7       12       12       12       43         59       7       12       12       14       44       45         60       7       12       12       14       44       47         61       7       12       14       14 <td< td=""><td></td><td></td><td>7</td><td>12</td><td>12</td><td>38</td></td<>			7	12	12	38
48       7       7       12       18       44         49       7       7       14       14       42         50       7       9       9       9       34         51       7       9       9       12       37         52       7       9       9       14       39         53       7       9       9       18       43         54       7       9       12       12       40         55       7       9       12       14       42         56       7       9       12       14       42         57       7       9       12       18       46         57       7       9       12       18       46         57       7       9       12       12       14       44         58       7       12       12       12       43         59       7       12       12       14       44       45         60       7       12       12       14       44       47         61       7       12       14       14 <td< td=""><td>47</td><td>7.</td><td>7.</td><td>12</td><td></td><td>40</td></td<>	47	7.	7.	12		40
49       7       7       14       14       42         50       7       9       9       9       34         51       7       9       9       12       37         52       7       9       9       14       39         53       7       9       9       18       43         54       7       9       12       12       40         55       7       9       12       14       42         56       7       9       12       18       46         57       7       9       12       18       46         57       7       9       14       14       44         58       7       12       12       12       12       43         59       7       12       12       14       45       44         60       7       12       12       12       18       49         61       7       12       14       14       14       47         62       9       9       9       9       36       9         63       9       9       9<	49		7	12		44
50         7         9         9         9         34           51         7         9         9         12         37           52         7         9         9         14         39           53         7         9         9         18         43           54         7         9         12         12         40           55         7         9         12         18         46           56         7         9         12         18         46           57         7         9         14         14         44         44           58         7         12         12         12         12         43         44         44         45         45         46         49         45         45         46         47         45         46         49         45         45         46         47         46         47         46         47         46         47         46         47         47         46         47         47         47         47         47         47         47         47         47         47         47         47				17		40
51         7         9         9         12         37           52         7         9         9         14         39           53         7         9         9         18         43           54         7         9         12         12         40           55         7         9         12         14         42           56         7         9         12         18         46           57         7         9         14         14         44           58         7         12         12         12         12         43           59         7         12         12         12         14         44         44           58         7         12         12         12         14         45         46         49         45         46         49         45         46         49         41         44         44         47         46         49         9         9         9         36         49         9         9         9         36         49         49         41         41         41         44         41 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>42</td></t<>						42
51         7         9         9         12         37           52         7         9         9         14         39           53         7         9         9         18         43           54         7         9         12         12         40           55         7         9         12         14         42           56         7         9         12         18         46           57         7         9         14         14         44           58         7         12         12         12         12         43           59         7         12         12         12         14         44         44           58         7         12         12         12         14         45         46         49         45         46         49         45         46         49         41         44         44         47         46         49         9         9         9         36         49         9         9         9         36         49         49         41         41         41         44         41 <t< td=""><td></td><td>7</td><td>9</td><td></td><td>9</td><td>34</td></t<>		7	9		9	34
52       7       9       9       14       39         53       7       9       9       18       43         54       7       9       12       12       40         55       7       9       12       14       42         56       7       9       12       18       46         57       7       9       14       14       44         58       7       12       12       12       43         59       7       12       12       12       43         60       7       12       12       14       45         60       7       12       12       18       49         61       7       12       14       14       47         62       9       9       9       9       36         63       9       9       9       9       36         64       9       9       9       12       39         66       9       9       9       12       14       44         68       9       9       12       14       44	51	7	9			
53       7       9       9       18       43         54       7       9       12       12       40         55       7       9       12       14       42         56       7       9       12       18       46         57       7       9       14       14       44         58       7       12       12       12       12       43         59       7       12       12       14       45         60       7       12       12       14       45         60       7       12       12       18       49         61       7       12       14       14       47 <td>52</td> <td>3</td> <td></td> <td>0</td> <td>14</td> <td>70</td>	52	3		0	14	70
54         7         9         12         12         40           55         7         9         12         14         42           56         7         9         12         18         46           57         7         9         14         14         44           58         7         12         12         12         12         43           59         7         12         12         14         45         49         49         49         49         49         49         49         61         7         12         12         14         14         47         49         61         7         12         14         14         14         47         47         62         9         9         9         36         36         39         9         9         36         39         39         12         39         39         12         39         39         12         39         39         12         39         39         14         41         44         41         44         44         44         45         45         45         46         44         44         44 <td>32</td> <td></td> <td></td> <td>3</td> <td>40</td> <td>33</td>	32			3	40	33
55     7     9     12     14     42       56     7     9     12     18     46       57     7     9     14     14     44       58     7     12     12     12     12     43       59     7     12     12     14     45       60     7     12     12     18     49       61     7     12     14     14     47       62     9     9     9     9     36       63     9     9     9     9     39       64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     12     18     48       69     9     14     14     14     46       70     9     12     12     12     45	53			9	18	43
55     7     9     12     14     42       56     7     9     12     18     46       57     7     9     14     14     44       58     7     12     12     12     12     43       59     7     12     12     14     45       60     7     12     12     18     49       61     7     12     14     14     47       62     9     9     9     9     36       63     9     9     9     9     39       64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     12     18     48       69     9     14     14     14     46       70     9     12     12     12     45	54	7	9	12	12	40
56         7         9         12         18         46           57         7         9         14         14         44           58         7         12         12         12         12         43           59         7         12         12         14         45         45           60         7         12         12         18         49           61         7         12         14         14         47           62         9         9         9         9         36           63         9         9         9         12         39           64         9         9         9         14         41         41           65         9         9         9         18         45           66         9         9         12         12         42           67         9         9         12         18         48           69         9         9         14         14         46           69         9         9         12         18         48           69         9         14	55	7	9	12	14	42
57         7         9         14         14         44           58         7         12         12         12         12         43           59         7         12         12         14         45         66         60         7         12         12         18         49         61         7         12         14         14         14         47         62         9         9         9         36         62         63         9         9         9         36         63         64         9         9         9         12         39         14         41         41         41         41         42         42         42         42         42         42         42         42         42         42         42         42         42         43         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         44         45         45         45         45         46         45         45         46         46         46         46         46				44	48	
58         7         12         12         12         43           59         7         12         12         14         45           60         7         12         12         18         49           61         7         12         14         14         14         47           62         9         9         9         9         36         36         36         36         36         39         9         9         36         36         39         36         39         39         14         41         41         41         41         41         42         42         42         42         42         42         42         42         42         42         42         42         42         42         43         44         44         44         44         44         44         44         44         44         46         46         46         46         46         45         45         45         45         45         45         45         46         46         46         46         46         46         46         46         46         46         46         46         <	56			12	18	
58         7         12         12         12         43           59         7         12         12         14         45           60         7         12         12         18         49           61         7         12         14         14         14         47           62         9         9         9         9         36         36         36         36         36         39         9         9         36         36         39         36         39         39         14         41         41         41         41         41         42         42         42         42         42         42         42         42         42         42         42         42         42         42         43         44         44         44         44         44         44         44         44         44         46         46         46         46         46         45         45         45         45         45         45         45         46         46         46         46         46         46         46         46         46         46         46         46         <	57	7	9	14	14	44
60 7 12 12 18 49 61 7 12 14 14 14 47 62 9 9 9 9 36 66 63 9 9 9 9 12 39 66 66 9 9 9 12 12 12 14 14 14 15 68 9 9 12 18 48 69 9 9 14 14 14 16 18 18 18 18 18 18 18 18 18 18 18 18 18	58	7	12	12	12	43
60 7 12 12 18 49 61 7 12 14 14 14 47 62 9 9 9 9 36 66 63 9 9 9 9 12 39 66 66 9 9 9 12 12 12 14 14 14 15 68 9 9 12 18 48 69 9 9 14 14 14 16 18 18 18 18 18 18 18 18 18 18 18 18 18	EO		19	12	14	AS
62     9     9     9     9     36       63     9     9     9     12     39       64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     9     14     14     46       70     9     12     12     12     45	25	- 10	16	16		72
62     9     9     9     9     36       63     9     9     9     12     39       64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     9     14     14     46       70     9     12     12     12     45	60	7	12	12	18	49
62     9     9     9     9     36       63     9     9     9     12     39       64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     9     14     14     46       70     9     12     12     12     45	61	7	12	14	14	47
63     9     9     9     12     39       64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     9     14     14     46       70     9     12     12     12     45	62	Q		9	9	36
64     9     9     9     14     41       65     9     9     9     18     45       66     9     9     12     12     42       67     9     9     12     14     44       68     9     9     12     18     48       69     9     9     14     14     46       70     9     12     12     12     45						38
65 9 9 9 18 45 66 9 9 12 12 42 67 9 9 12 14 44 68 9 9 12 18 48 69 9 9 14 14 46 70 9 12 12 12 45	63			ä	12	59
65 9 9 9 18 45 66 9 9 12 12 42 67 9 9 12 14 44 68 9 9 12 18 48 69 9 9 14 14 46 70 9 12 12 12 45	64	9	9	9	14	41
66 9 9 12 12 42 67 9 9 12 14 44 68 9 9 12 18 48 69 9 9 14 14 46 70 9 12 12 12 45	65	9		9	18	45
67 9 9 12 14 44 68 9 9 12 18 48 69 9 9 14 14 46 70 9 12 12 12 45	66			10	12	40
70 9 12 12 12 45	00			12	12	42
70 9 12 12 12 45	67	9		12	14	
70 9 12 12 12 45	68	9	9	12	18	48
70 9 12 12 12 45	60			14	14	
70 9 12 12 12 45 71 9 12 12 14 47 72 9 12 14 14 49 73 12 12 12 12 12 48	09		, i	14	14	40
71 9 12 12 14 47 72 9 12 14 14 49 73 12 12 12 12 12 48	70		12	12	12	45
72     9     12     14     14     49       73     12     12     12     12     12     48	71	9	12	12	14	47
73 12 12 12 12 48	72		12	14	14	49
7.3 12 12 12 48	77		10	30	10	40
	/3	12	1Z	112	115	40

**<sup>3</sup> room notes:** 7: 7000Btu/h, 9: 9000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h models

<sup>4</sup> room notes: 7: 7000Btu/h, 9:9000Btu/h, 14: 14000Btu/h, 18: 18000Btu/h, 24: 24000Btu/h models

#### **INVERTER MULTI SYSTEMS**

Model No	TYRE	MODEL	UNITS	- W	ALL MOUNTED -	DESIGNER RANGE	
Reverse Cycle System Capacity Class  KW Capacity Class  KW Capacity Structure Removal Et.R. Cooling Running Current  Range Reverse Cycle System KW Capacity Structure Removal Et.R. Cooling Cooling Range Ra		Indoor Unit		ASTGOS	LUCA	ASTG14	LUCA
Capacity Class	Model No.	Outdoor Unit		AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4
Capacity Class	Reverse Cycle System						
Watts			kW				
BTU/h   9,220   9,220   14,343   13,66							4000
Waits   3,300   3,400   4,800   4,50   1,5	Cooling Capacity						
BTU/h   11,270   11,611   16,392   15,38   15,38   15,38   16,392   16,39							
Watts   3,300   3,300   4,800   4,80     BTU/h   11,270   11,270   16,392	Range (Maximum for Inverter Multi)						
BTU/h   11,270   16,392   16,35   16							
Range (Maximum for inverter Multi)  Watts 4,200 BTU/h 14,343 12,636 19,806 19,8	Heating Capacity						
BTU/h   14,343   12,636   19,808   19,80   1							
Power Supply   Powe	Dange (Maximum for Inverter Multi)						5,800
Phase-Frequency Plug Size (If Applicable)  Cooling Running Current  Runnin	Nange (Haximum for inverter multi)		BTU/h	14,343	12,636	19,808	19,808
Descriptor   Des	Power Supply		Volts	24	0.	24	0
Cooling   Range   Ra	Phase-Frequency		Ph- Hz	1-5	0	1-5	0
Cooling   Range   Ra	Power Supply Attachment			Outd	oor	Outo	loor
Cooling   Range   Heating   Range   Heating   Range							
Range   Range   Range   Range   Cooling   Range   Cooling   Range   Cooling   Range   Cooling   Range   Cooling   Range   Cooling   Range   Range   Range   Range   Range   Range   Range   Watts   16   23   Range	THE PROPERTY OF THE PROPERTY O	Cooling				1.40	
Heating Range   Cooling   Range   Cooling   Range   Cooling   Range   Cooling   Range   Cooling   Range   Range   Cooling   Range   Range   Vhr   Reating   Range   Vhr   Reating   Range   Vhr   Reating   Range   Vhr   Reating   Range   Vhr   Range   Vh			Amne				
Range   Cooling   Range   Ra	Running Current		Airips.	0.1	4	0.	2
Input							
Range							
Heating   Range   Ra							
Heating Range   Cooling	Inout.		Wette	16		2	z
Moisture Removal   E.E.R.	ingut	Heating	waits	10		- 2	2
Cooling		Range					
C.O.P.   Heating   Cooling   Cooli	Moisture Removal		l/hr				
Star Rating   Cooling   Heating   DC Twin Rotary   D	E.E.R.	Cooling		*	*	+1	+
Star Rating   Cooling   Heating   DC Twin Rotary   D							
Heating							
Fan Speeds	Star Rating			0	- 3	3	
Air Circulation	Can Canada	nearing			7.		5
Compressor Type		Visit Care	16.				
I.U. mm		High	l/s				
I.U. mm	Compressor Type						
Depth   185   18							
Net Weight   Ref		I.U. mm					
Height   700   830   700   7			Depth				
O.U.mm	Dimensions and Weights	Net Weight	kg	9.5	5	9.	5
O.U.mm	12		Height	700	830	700	830
Depth   330   300   300   300   300   300   300   300   300   300   300   30		O.U. mm		900	900	900	900
Net Weight   Kg   S5   68   55   68   68   S5   68   S5   68   S5   68   S5   S6   S6   S5   S6   S6   S6   S6							
A		Not Weight					
O.U. Sound Pressure Level	LLL Coving Descripts Loyal	Het Weight	ng:				
OU Sound Power Level   GBA   64   64   64   64   64   64   64   6			dBA@Imetre				
Refrigerant			40.4				
Connection Pipe Sizes			GBA				
Contection Pipe Sizes	Retrigerant						
Pre Charged Length	Connection Pine Sizes		mm				
Maximum Pipe Length   5   5	SERVICE SERVICE CONTRACTOR	Liquid		6.3	5	6.3	55
Maximum Pipe Length per unit Inverter Multi only         Metre         25         25           Maximum Pipe Length         10         10         10           Maximum Pipe Height         10         10         10           Pipe Connection Methods         Flare         Flare         Flare         Flare           Outdoor operating Terms         Cooling         Degrees C         -10 to 46         0 to 46         -10 to 46         0 to 48	Pre Charged Length						
Maximum Pipe Length per unit Inverter Multi only         Metre         25         25           Maximum Pipe Length         10         10         10           Maximum Pipe Height         10         10         10           Pipe Connection Methods         Flare         Flare         Flare         Flare           Outdoor operating Terms         Cooling         Degrees C         -10 to 46         0 to 46         -10 to 46         0 to 48	Minimum Pipe Length			5		95	
Maximum Pipe Length         25         25           Maximum Pipe Height         10         10           Pipe Connection Methods         Flare         Flare         Flare           Cooling         Powers C         -10 to 46         0 to 46         -10 to 46         0 to 46			Metre				
Maximum Pipe Height         10         10           Pipe Connection Methods         Flare         Flare         Flare         Flare         Flare         Flare         Flare         Flare         10 to 46         0 to 46         -10 to 46         -10 to 46         0 to 46         -10 to 46 <td></td> <td></td> <td></td> <td>25</td> <td>(4)</td> <td>2</td> <td>5</td>				25	(4)	2	5
Pipe Connection Methods         Flare         Flar							
Outdoor operating Temp. Cooling Degrees C -10 to 46 0 to 46 -10 to 46 0 to							Flare
	THE STATE OF THE S	Cooling					0 to 46
Heating -15 to 24 -10 to 24 -15 to 24 -10 to	Outdoor operating Temp		Degrees C				-10 to 24



#### INVERTER MULTI SYSTEMS (CONT'D)

MALE	- Phillips Selbadori	UNITS			COMPACT WA				2	100
the death was	Indoor Unit		ASTG07	LVCA	ASTGO	9LVCA	ASTGI	2LVCB	AST	G18LFCA
Model No.	Outdoor Uni	t/i	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT4	AOTG24LAT3	AOTG30LAT
Reverse Cycle System			Yes		Ye		Yes			Yes
Capacity Class		kW	2		2		3.5			5
Control (Northern Alexander)		Watts	2,300	2,300	2,700	2,700	3,500	3,500	5,000	5,200
Cooling Capacity		BTU/h	7,854	7.854	9,220	9,220	11,953	11,953	17.075	17,758
		Watts	2,700	2,700	3,300	3,400		3,800	5,600	6,000
Range (Maximum							3,700			
for Inverter Multi)		BTU/h	9,220	9,220	11,270	11,611	12,636	12,977	19,125	20,491
Heating Capacity		Watts	2,700	2,700	3,300	3,300	3,800	3,800	6,000	6,000
		BTU/h	9,220	9,220	11,270	11,270	12,977	12,977	20,491	20,491
Range (Maximum		Watts	3,300	3,300	4,200	3,700	4,800	4,500	7,100	7,100
for Inverter Multi)		BTU/h	11,270	11,270	14,343	12,636	16.392	15,368	24.247	24,247
Power Supply		Volts	240	0	24	0	240	)		240
Phase-Frequency		Ph- Hz	1-5		1-5	0	1-50			1-50
Power Supply Attachment			Outd		Outo		Outdo		0	utdoor
Plug Size (If Applicable)			NA NA		N		NA.		1.75	NA
	Cooling		1.41							
	Range	Amps								
Running Current		Airps	0.1	4	0.1	14	0.16	5		0.33
	Heating									
	Range									
	Cooling									
nput	Range	Watts	16		16	S-	19			37
inpor	Heating	wates:	.19			w.:	160			
	Range									
Moisture Removal		1/hr								
E.E.R.	Cooling		1965	- 2	(4)	9	-	60	19	- 20
C.O.P.	Heating							4:		
	Cooling		127	- 0	7.0			- 2		
Star Rating	Heating									
Fan Speeds	Dearing		4		4	-	- 4			4
All the second s	THE R		1 1.075	J		10		3		
Air Circulation	High	Vs.	178	5.	17	8	194	K		250
Compressor Type			DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin
44000044440144			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
		Height	29	3	29	3	293	5		320
	I.U. mm	Width	790	0	79	0	790			998
		Depth	22	5	22	5	225			238
Dimensions and Weights	Net Weight	kg	9.5		9	5	9.5			14
and the state of t	1022 1032	Height	700	830	700	830	700	830	700	830
	O.U. mm	Width	900	900	900	900	900	900	900	900
	0.0710111	Depth	330	330	330	330	330	330	330	330
	Niet Weight		55	68	55	68	55	68	55	68
II Carried Description Facility	Net Weight	kg							22	
U. Sound Pressure Level			36	E.	3	0	38			43
O.U. Sound Pressure Level		dBA@Imetre	48	50	48	50	48	50	48	50
O.U. Sound Power Level	12:	dBA	64	64	64	64	64	64	64	64
Refrigerant	Туре		R410		R41		R410		()	R410A
Connection Pipe Sizes	Gas	mm	9.5		9.5		9.5			12.7
connection Pipe Sizes	Liquid	1111111	6.3	5	6.3	35	6.3	5		6.35
Pre Charged Length			1 2		2		-			+
Minimum Pipe Length			5		5		5			5
			-							-
Maximum Pipe Length per unit		Metre	14							
nverter Multi only		The state of the s								
Maximum Pipe Length			25		2	5	25			25
			10		10		10			10
Maximum Pipe Height								missi	70000	VALUE OF
Pipe Connection Methods			Flare -10 to 46	Flare 0 to 46	-10 to 46	Flare 0 to 46	Flare -10 to 46	Flare 0 to 46	-10 to 46	Flare 0 to 46
ipa commodium memora.	Cooling									

<sup>\*</sup> Specifications for each indoor unit listed is subject to the outdoor unit which it is connected to. Please consult a Fujitsu stockist for further information.



MOUNTED		COMPACT CASSETTE		A LOW WAR IN THE TAIL		FLOOR CEILING		OUTDOOR WHIT				
	ASTG24LFCB		AUTG09LVLA		AUTG12LVLA		AUTG18LVLA		ABTG18LVTA			
	AOTG30LAT4									4 AOTG24LAT3		
Yes		Yes		Yes		Yes		Yes		Yes		
13.	7	2		3.1			5	27000		4000	100	
50	6,800	2,700	2,700	3,500	3,500	5,000	5,200	5,000	5,200	6,800	8,000	
*	23,223	9,220	9,220	11,953	11,953	17,075	17,758	17,075	17,758	23,200	27,300	
	7,400	3,300	3,400	3,700	3,800	5,600	6,000	5,600	6,000		3,500-10,100	
	25,272	11,270	11,611	12,636	12,977	19,125	20,491	19,125	20,491	6,100-29,000	11,940-34,500	
	8,200	3,300	3,300	3,800	3,800	6,000	6,000	6,000	6,000	8,000	9,600	
	28,004	11,270	11,270	12,977	12,977	20,491	20,491	20,491	20,491	27,300	32,800	
~	9,000	4.200	3,700	4,800	4,500	7.100	7,100	7,100	7,100	2.000-9.200	3,700-12,000	
	30,736	14.343	12,636	16,392	15,368	24,247	24.247	24.247	24.247	6,800-31,400	12,620-41,00	
2-	40	24	10	24	0	24	10	24	10	240	240	
1-50		1-50		1-50		1-50		1-50		1-50	1-50	
Outdoor		Outdoor		Outdoor		Outdoor		Outdoor		Outdoor	Outdoor	
	IA.	NA		NA		NA		NA		NA	NA	
				1.11		-				8.1	9.3	
										Max 10.9	Max 15.0	
0.	.53	0.15		0.19		0.3		0.36		8.4	10.1	
										Max 12.1	Max 15.0	
										1.940	2.220	
										Max 2,600	Max 3,560	
69		18		23		39		47				
									2,000	2,400		
										Max 2,870	Max 3,580	
											240.00	
	19	4		E		16	*	(9)		3.5	3.6	
	1.5			- 5		101	31	154	-	4	- 4	
*	134			F.		100	*	(9)		130		
		- 1		-		1.77				-	5.	
	4	- 24	V.	4		(2				2	2	
3	511	15	0	16	9	20	8	2	17	917	972	
DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	DC Twin	
Rotary	Rotary	Rotary	Rotary	Rotary	Rotary		Rotary	Rotary	Rotary	Rotary	Rotary	
	20	10.000000000000000000000000000000000000	-05000V/D-1	ALCOHOLD STATE OF THE PARTY OF	MACON TO A 1 (1) (5)	0.00		19	The second secon	000,000	80200000	
	98	245 (49) 570 (700)		245 (49) 570 (700)		245 (49) 570 (700)		990				
		570 (700)		570 (700)		570 (700)		655				
238		15 (2.6)		15 (2.6)		15 (2.6)		27			-	
700	830	700	830	700	830	700	830	700	830	700	830	
	900		900		900		900		900	900		
900		900		900		900		900			900	
330	330	330	330	330	330	330	330	330	330	330	330	
55	68	55	68	55	68	55	68	55	68	55	68	
49		33		37		42		41(UC)/44(FC)		1.4	¥1	
48	50	48	50	48	50	48	50	48	50	48	50	
64	64	64	64	64	64	64	64	64	64	64	64	
10770-7	10A	R41		R41		R41			OA	R410A	R410A	
15.88		9.52		9.52		12.7		12.7		2 x 9.52.1 x 12.7		
6.35		6.35		6.35		6.35		6.35		3 x 6 35	4 x 6.35	
0.55		9,33		0.33		0.35		0.33		30	50	
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								-		25	25	
3.55		256		3				12		23	×2	
	25	2	5	25		2	5	2	5	May Total FO	Max Total 70	
	10	10		10			0		0	15 (IU to OU)		
Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	
										-10 to 46		
-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46	-10 to 46	0 to 46		0 to 46	
-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	-15 to 24	-10 to 24	



Products in this brochure contain R410A refrigerant. Please refer to specifications before installation & 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 & service is required.

For future improvement, 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 Temp: 27°C DB/19°C WB

Outdoor Temp: 35°C DB

Heating Indoor Temp: 20°C DB

Outdoor Temp; 7°C DB /6°C WB

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

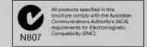
















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