The Fujitsu logo, featuring the word "FUJITSU" in a white, serif font with a stylized infinity symbol above the "J".

FUJITSU

AUSTRALIA'S FAVOURITE AIR®

# DUCTED RANGE

AIR CONDITIONING  
SOLUTIONS

A photograph of a man and a young boy sitting on a light-colored sofa. The man is wearing a blue shirt and the boy is wearing a grey shirt. They are both smiling and looking at a tablet computer that the man is holding. The background is a bright, out-of-focus interior.

HIGH ENERGY EFFICIENCY  
BACKED BY A 5 YEAR FULL PARTS & LABOUR WARRANTY

# WHY CHOOSE FUJITSU?

## AUSTRALIA'S FAVOURITE AIR®

Fujitsu General is a leading supplier of air conditioners in Australia, with a portfolio to suit both residential and commercial applications.

We focus all of our research and manufacturing strengths into air conditioners which has resulted in the extensive range of world-class, energy efficient, market-leading air conditioners.

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

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

## PEACE OF MIND

Fujitsu believe in the quality and reliability of every air conditioner we sell. This is why we're happy to provide a 5 year parts and labour warranty across the entire domestic range.



## FUJITSU AUTHORISED PARTNER NETWORK

Fujitsu have a comprehensive network of retailers and dealers right across Australia.

This ensures that there is a local stockist in your area to assist you in purchasing a Fujitsu air conditioning system for your home.



## VOTED BY AUSTRALIANS 'MOST TRUSTED BRAND - AIR CONDITIONING CATEGORY 2018'

Fujitsu was honoured to be voted the 2018 Reader's Digest Most Trusted Brand in the Air Conditioning category's inaugural year.

We understand that our customers are investing in our brand and trusting that we will provide their family with a comfortable living environment all year round.



Reader's Digest Catalyst Trusted Brands Survey – Air Conditioning Category.



## 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.



Fujitsu General Assist deploys factory trained technicians in Sydney, Melbourne, Brisbane, Adelaide and Perth and provides access to dedicated Service Agents in all other parts of Australia. These technicians are well equipped with the necessary tools and spare parts to enable them to resolve issues onsite, promptly. This offers customers a high first time fix rate and seamless experience.



## STATE OF THE ART RESEARCH AND DEVELOPMENT

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

### PERFORMANCE TESTING UNDERTAKEN INCLUDES:

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

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



# DUCTED RANGE

## WHAT IS DUCTED AIR CONDITIONING AND HOW DOES IT WORK?

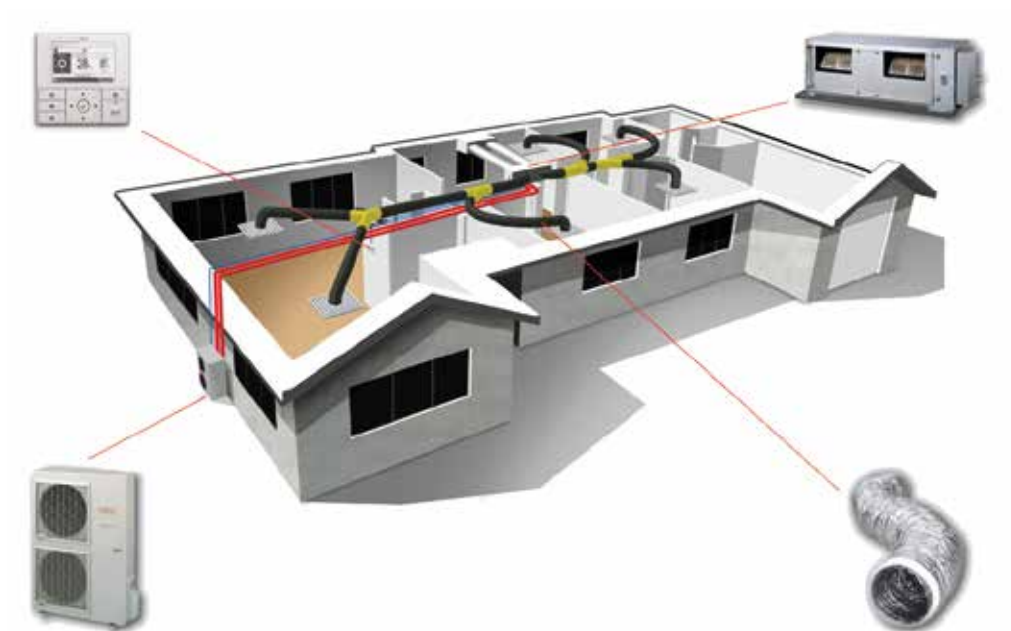
Ducted air conditioning is usually a whole home solution that allows you to condition multiple rooms or the entire house using just one system.

The indoor unit is usually located in the ceiling or under the floor. Whilst the outdoor unit is placed in a suitable location outside the home.

Conditioned air is circulated via a network of ducts in your ceiling or floor cavity, with outlets in as many or as few rooms as you wish.

The temperature and hours of operation are controlled by a simple and easy to use control panel.

All Fujitsu ducted air conditioners are reverse cycle, meaning they can keep you warm in winter and cool in summer.



# DUCTED RANGE

## WHAT IS ZONE CONTROL?

Ducted air conditioning with zone control capabilities allows for different zones (areas) to be set up in your home for optimal comfort and energy management. The system adjusts airflow through dampers to control the air conditioning of the zones to reach the desired temperature.

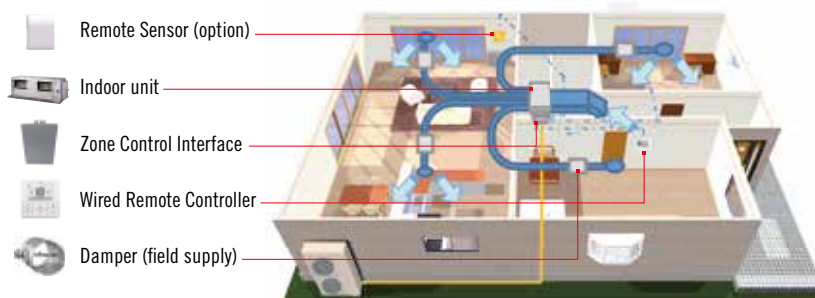
The Fujitsu optional backlit zone controller allows for up to 8 zones to be set, where users can rename the zone on the easy-to-use wired controller. For example, Zone 1 - Living Area, Zone 2 - Bedrooms and so on.

## ENERGY EFFICIENCY

By using the weekly timer function, dampers can be opened and closed to match your daily schedule. It's a 'set and forget' way to keep the temperature of your home comfortable all year round.

## USER-FRIENDLY FUNCTIONS

The user-friendly control features a large display for 'Mode', 'Set Temp' and 'Fan' with each function represented by an intuitive icon. The wired remote features a backlight for easy operation in the dark.



## WIRED CONTROLLER#

### FEATURES:

- Thermo sensor
- Weekly timer
- Easy to understand operation
- Timer and clock display
- Temperature display



## BACKLIT CONTROLLER\*

### FEATURES:

- Zone names can be programmed
- Weekly timer
- Simple operation
- Room temperature displayed on home screen
- Child lock



## TOUCH SCREEN CONTROLLER\*\*

### FEATURES:

- Touch screen LCD panel
- Built in weekly/daily timer and auto off timer
- Backlight
- Room temperature display



# Accessory for ARTG09/12LLLB | ARTG18LLTA | ARTG24LMLC | ARTA30LBTU | ARTA36/45LATU  
 \* Optional extra for ARTG09/12LLLB | ARTG18LLTA | ARTG24LMLC | ARTA30LBTU | ARTA36/45LATU  
 \*\* Optional extra for ARTG\_LHTDP | ARTG\_LDTP



# BULKHEAD



ARTG09/12LLL B



ARTG18LLTA



AOTG09/12LBCB  
AOTG18LACC



WIRED CONTROLLER



# EASY, FLEXIBLE INSTALLATION

## COMPACT DESIGN

Bulkhead type ducted air conditioners are designed to allow for flexible installation in the best available space.

## QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

## INTUITIVE CONTROL

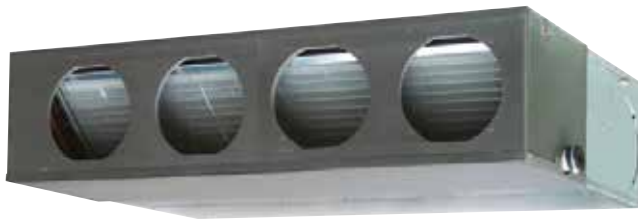
The easy-to-use LCD controller helps you get the best out of your system.

# FEATURES CHECKLIST

FEATURES	ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
All DC components	✓	✓	✓
Auto changeover	✓	✓	✓
Auto restart	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓
Automatic airflow adjustment			
Blue fin heat exchanger	✓	✓	✓
Connectable distributing duct	✓	✓	✓
Control port	✓	✓	✓
Economy mode	✓	✓	✓
Error code display	✓	✓	✓
Fresh air intake	✓	✓	✓
On-Off timer	✓	✓	✓
Weekly timer & setback	✓	✓	✓
Zone control			

For Product Specifications turn to page 22

# SLIMLINE



ARTG24LMLC  
ARTA30LBTU  
ARTA36/45LATU



WIRED CONTROLLER



AOTG24LATC  
AOTA30LGTL



AOTA36/45LCTL

# SLIM, COMPACT DESIGN

## COMPACT DESIGN

Slimline type ducted air conditioners are slim and compact in design in order to fit into most ceiling spaces, making it ideal for installation to be discreet.

## QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

## INTUITIVE CONTROL

Operated from an easy-to-use LCD control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

# FEATURES CHECKLIST

FEATURES	ARTG24LMLC	ARTA30LBTU	ARTA36LATU	ARTA45LATU
All DC components	✓	✓	✓	✓
Auto changeover	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓	✓
Automatic airflow adjustment				
Blue fin heat exchanger	✓	✓	✓	✓
Control port	✓	✓	✓	✓
Connectable distributing duct	✓	✓	✓	✓
Connectable fresh air duct	✓	✓	✓	✓
Economy mode	✓	✓	✓	✓
Fresh air intake	✓	✓	✓	✓
Filter sign	✓	✓	✓	✓
On-Off timer	✓	✓	✓	✓
Program timer	✓	✓	✓	✓
Weekly timer	✓	✓	✓	✓
Zone control				

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# SLIMLINE PLUS



ARTG24/30LHTDP



ARTG36/45/54LHTDP



BACKLIT CONTROLLER



AOTG24LBCA



AOTG30/36LBTA



AOTG45/54LBTB

# SLIM, COMPACT DESIGN

## COMPACT AND FLEXIBLE DESIGN

Slimline type ducted air conditioners are slim and compact in design in order to fit into most ceiling spaces, making it ideal for installation to be discreet. The adjustable static pressure feature along with optional zone controller connectivity allows greater flexibility with installation and adjustable airflow for improved comfort.

## QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

## INTUITIVE CONTROL

Operated from an easy-to-use LCD control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

# FEATURES CHECKLIST

FEATURES	ARTG24LHTDP	ARTG30LHTDP	ARTG36LHTDP	ARTG45LHTDP	ARTG54LHTDP
All DC components	✓	✓	✓	✓	✓
Auto changeover	✓	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓	✓	✓
Automatic air flow adjustment	✓	✓	✓	✓	✓
Blue fin heat exchanger	✓	✓	✓	✓	✓
Connectable distributing duct	✓	✓	✓	✓	✓
Connectable fresh air duct	✓	✓	✓	✓	✓
Control port	✓	✓	✓	✓	✓
Economy mode	✓	✓	✓	✓	✓
Fresh air intake	✓	✓	✓	✓	✓
On-Off timer	✓	✓	✓	✓	✓
Program timer	✓	✓	✓	✓	✓
Weekly timer	✓	✓	✓	✓	✓
Zone control	✓	✓	✓	✓	✓

For Product Specifications turn to page 24

# HIGH STATIC SINGLE PHASE – COMPACT OUTDOOR



ARTG30/36LHTA



ARTG45LHTA



BACKLIT CONTROLLER



AOTG30LBTC



AOTG36/45LBTC

# WHOLE HOME COMFORT AND CONTROL

## COMPACT DESIGN

The new outdoor units are much more compact and lightweight offering greater flexibility around installation.

## ZONE CONTROL

Optional zone control allows for up to 8 zones to be connected, giving greater control to meet your individual needs.

## POWER SUPPLY

Use of single phase power allows for greater flexibility and minimises installation costs as there is no need to upgrade to a three phase power supply.

# FEATURES CHECKLIST

FEATURES	ARTG30LHTA	ARTG36LHTA	ARTG45LHTA
All DC components	✓	✓	✓
Auto changeover	✓	✓	✓
Auto restart	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓
Automatic air flow adjustment			
Blue fin heat exchanger	✓	✓	✓
Connectable distributing duct	✓	✓	✓
Connectable fresh air duct	✓	✓	✓
Control port	✓	✓	✓
Economy mode	✓	✓	✓
Filter sign	✓	✓	✓
Fresh air intake	✓	✓	✓
On-Off timer	✓	✓	✓
Program timer	✓	✓	✓
Weekly timer	✓	✓	✓
Zone control	✓	✓	✓

For Product Specifications turn to page 25

# HIGH STATIC SINGLE PHASE



ARTG30/36LHTA



ARTG45LHTA  
ARTG54LHTC



BACKLIT CONTROLLER



AOTG30/36/45LATL  
AOTG54LCTL



# WHOLE HOME COMFORT AND CONTROL

## INCREASED NUMBER OF OUTLETS

High static ducted air conditioning allows for an increased number of air ducts to be installed.

## ZONE CONTROL

Optional zone control allows for up to 8 zones to be connected, giving greater control to meet your individual needs.

## POWER SUPPLY

Use of single phase power allows for greater flexibility and minimises installation costs as there is no need to upgrade to a three phase power supply.

# FEATURES CHECKLIST

FEATURES	ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG54LHTC
All DC components	✓	✓	✓	✓
Auto changeover	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓	✓
Automatic air flow adjustment				
Blue fin heat exchanger	✓	✓	✓	✓
Connectable distributing duct	✓	✓	✓	✓
Connectable fresh air duct	✓	✓	✓	✓
Control port	✓	✓	✓	✓
Economy mode	✓	✓	✓	✓
Filter sign	✓	✓	✓	✓
Fresh air intake	✓	✓	✓	✓
On-Off timer	✓	✓	✓	✓
Program timer	✓	✓	✓	✓
Weekly timer	✓	✓	✓	✓
Zone control	✓	✓	✓	✓

For Product Specifications turn to page 26

# HIGH STATIC SINGLE PHASE – INFINITY RANGE



ARTG45/54/60LDTA



AOTG45/54/60LBTA



BACKLIT CONTROLLER

# WHOLE HOME COMFORT AND CONTROL

## INCREASED NUMBER OF OUTLETS

High static ducted air conditioning allows for an increased number of air ducts to be installed.

## ZONE CONTROL

Optional zone control allows for up to 8 zones to be connected, giving greater control to meet your individual needs.

## POWER SUPPLY

Use of single phase power allows for greater flexibility and minimises installation costs as there is no need to upgrade to a three phase power supply.

# FEATURES CHECKLIST

FEATURES	ARTG45LDTA	ARTG54LDTA	ARTG60LDTA
All DC components	✓	✓	✓
Auto changeover	✓	✓	✓
Auto restart	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓
Automatic air flow adjustment	✓	✓	✓
Blue fin heat exchanger	✓	✓	✓
Connectable distributing duct	✓	✓	✓
Connectable fresh air duct	✓	✓	✓
Control port	✓	✓	✓
Economy mode	✓	✓	✓
Filter sign	✓	✓	✓
Fresh air intake	✓	✓	✓
On-Off timer	✓	✓	✓
Program timer	✓	✓	✓
Weekly timer	✓	✓	✓
Zone control	✓	✓	✓

For Product Specifications turn to page 27

# HIGH STATIC THREE PHASE



ARTG36LHTB



ARTG45LHTB  
ARTG60LHTA



ARTC72LATU



ARTC90LATU



BACKLIT CONTROLLER



AOTG36/45/60LATT



AOTA72/90LALT

# WHOLE HOME COMFORT AND CONTROL

## COMFORT AND STABILITY

With smart technology, the air conditioner works at an optimum setting to create a comfortable environment for your home.

## ENERGY EFFICIENCY

With built in features such as DC fan motors, DC rotary compressors and built in programmable timers, these systems use less power than ever before.

## ZONE CONTROL

Optional zone control allows for 8 zones to be connected, giving greater temperature control to meet individual needs.

# FEATURES CHECKLIST

FEATURES	ARTG36LHTB	ARTG45LHTB	ARTG60LHTA	ARTC72LATU	ARTC90LATU
All DC components	✓	✓	✓	✓	✓
Auto changeover	✓	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓	✓	✓
Automatic air flow adjustment					
Blue fin heat exchanger	✓	✓	✓	✓	✓
Connectable distributing duct	✓	✓	✓	✓	✓
Connectable fresh air duct	✓	✓	✓	✓	✓
Control port	✓	✓	✓	✓	✓
Economy mode	✓	✓	✓	✓	✓
Filter sign	✓	✓	✓	✓	✓
Fresh air intake	✓	✓	✓	✓	✓
On-Off timer	✓	✓	✓	✓	✓
Program timer	✓	✓	✓	✓	✓
Weekly timer	✓	✓	✓	✓	✓
Zone control	✓	✓	✓	✓	✓

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# PRODUCT SPECIFICATIONS

## BULKHEAD

Model No.	Indoor unit		ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
	Outdoor unit		AOTG09LBCB	AOTG12LBCB	AOTG18LACC
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Capacity	Cooling	kW	2.60 (0.90 - 3.75)	3.50 (0.90 - 4.17)	5.20 (0.90-5.90)
	Heating	kW	3.50 (0.90 - 5.51)	4.50 (0.90 - 5.96)	6.00 (0.90-7.50)
Input Power	Cooling	kW	0.66 (Max 1.46)	0.94 (Max 1.51)	1.45 (Max 1.61)
	Heating	kW	0.83 (Max 1.88)	1.19 (Max 2.09)	1.56 (Max 2.31)
EER	Cooling	kW / kW	3.94	3.72	3.59
COP	Heating	kW / kW	4.22	3.78	3.85
AEER	Cooling	kW / kW	3.824	3.645	3.601
ACOP	Heating	kW / kW	4.137	3.748	3.850
Running Current	Cooling / Heating	amps	3.10 / 3.90	4.30 / 5.30	6.10 / 6.60
Moisture Removal		l / hr	0.70	1.30	2.00
Noise Level	Indoor Sound Pressure (High/Quiet)	dB(A)	28 / 25	29 / 26	32 / 27
	Outdoor Sound Pressure	dB(A)	44	49	55
	Outdoor Sound Power	dB(A)	59	61	71
Static Pressure Range		PA	0 to 90	0 to 90	0 to 90
Air Circulation (Indoor - High Fan)		l / sec	167	181	261
Net Dimensions HxWxD	Indoor Unit	mm	198 x 700 x 620	198 x 700 x 620	198 x 900 x 620
		kgs	18	18	23
	Outdoor Unit	mm	620 x 790 x 290	620 x 790 x 290	620 x 790 x 290
		kgs	39	39	41
Piping Connections (Liquid / Suction)		mm	∅ 6.35 / ∅ 9.52	∅ 6.35 / ∅ 9.52	∅ 6.35 / ∅ 12.70
Max Pipe Length (Precharged length)		m	20 (15)	20 (15)	30 (15)
Max Height Difference		m	15	15	20
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

# PRODUCT SPECIFICATIONS

## SLIMLINE

Model No.	Indoor unit		ARTG24MLC	ARTA30LBTU	ARTA36LATU	ARTA45LATU
	Outdoor unit		AOTG24LATC	AOTA30LGTL	AOTA36LCTL	AOTA45LCTL
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Capacity	Cooling	kW	7.1 (2.90 - 8.00)	8.50 (2.80 - 10.0)	10.0 (3.8-11.2)	11.5 (4.0-13.3)
	Heating	kW	8.0 (2.20 - 9.10)	10.00 (2.70 - 11.20)	11.2 (4.0-14.0)	14.0 (4.2-15.5)
Input Power	Cooling	kW	2.09 (Max: 2.40)	2.65 (Max: 4.04)	3.11 (Max: 4.66)	3.56 (Max: 5.02)
	Heating	kW	2.19 (Max: 2.75)	2.68 (Max: 4.04)	3.02 (Max: 4.78)	4.02 (Max: 5.02)
EER	Cooling	kW / kW	3.40	3.20	3.21	3.23
COP	Heating	kW / kW	3.65	3.73	3.71	3.48
AEER	Cooling	kW / kW	3.428	3.193	3.247	3.212
ACOP	Heating	kW / kW	3.736	3.739	3.688	3.468
Running Current	Cooling / Heating	amps	8.8 / 9.2	11.1 / 11.2	13.0 / 12.7	14.9 / 16.8
Moisture Removal		l / hr	2.50	2.50	3.00	4.00
Noise Level	Indoor Sound Pressure (High/Quiet)	dBA	31 / 25	42 / 29	40 / 26	42 / 28
	Outdoor Sound Pressure	dBA	54	55	54	55
	Outdoor Sound Power	dBA	68	69	68	69
Static Pressure Range		PA	30 to 150	30 to 150	30 to 150	30 to 150
Air Circulation (Indoor - High Fan)		l / sec	305	542	514	583
Net Dimensions HxWxD	Indoor Unit	mm	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700	270 × 1135 × 700
		kgs	38	40	40	40
	Outdoor Unit	mm	830 × 900 × 330	830 × 900 × 330	1290 × 900 × 330	1290 × 900 × 330
		kgs	60	61	86	86
Piping Connections (Liquid / Suction)		mm	∅ 6.35 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88
Max Pipe Length (Precharged length)		m	30 (20)	50 (20)	50 (20)	50 (20)
Max Height Difference		m	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A

# PRODUCT SPECIFICATIONS

## SLIMLINE PLUS

Model No.	Indoor unit		ARTG24LHTDP	ARTG30LHTDP	ARTG36LHTDP	ARTG45LHTDP	ARTG54LHTDP
	Outdoor unit		AOTG24LBCA	AOTG30LBTA	AOTG36LBTA	AOTG45LBTB	AOTG54LBTB
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Capacity	Cooling	kW	7.10 (2.90 - 8.00)	8.50 (2.80 - 10.00)	10.00 (3.80 - 11.20)	11.50 (4.00 - 13.30)	13.00 (6.20 - 15.20)
	Heating	kW	8.00 (2.20 - 9.10)	10.00 (2.70 - 11.20)	11.20 (4.00 - 14.00)	14.00 (4.20 - 15.50)	16.00 (6.20 - 18.00)
Input Power	Cooling	kW	2.08 (Max 4.06)	2.65 (Max 4.06)	3.11 (Max 4.78)	3.33 (Max 5.00)	3.92 (Max 5.58)
	Heating	kW	2.19 (Max 4.40)	2.70 (Max 4.06)	3.07 (Max 4.76)	3.68 (Max 5.02)	4.45 (Max 5.59)
EER	Cooling	kW / kW	3.41	3.21	3.22	3.45	3.32
COP	Heating	kW / kW	3.65	3.70	3.65	3.80	3.60
AEER	Cooling	kW / kW	3.413	3.245	3.240	3.486	3.360
ACOP	Heating	kW / kW	3.739	3.696	3.734	3.951	3.644
Running Current	Cooling / Heating	amps	8.70 / 9.20	11.10 / 11.30	13.00 / 12.90	14.00 / 15.40	16.50 / 18.70
Moisture Removal		l / hr	2.20	2.30	2.40	2.60	3.70
Noise Level	Indoor Sound Pressure (High/Quiet)	dB(A)	33 / 21	37 / 29	36 / 26	40 / 29	40 / 29
	Outdoor Sound Pressure	dB(A)	55	53	54	55	55
	Outdoor Sound Power	dB(A)	69	69	70	69	70
Static Pressure Range		PA	30 to 200	30 to 200	30 to 200	30 to 200	30 to 200
Air Circulation (Indoor - High Fan)		l / sec	378	472	569	708	708
Net Dimensions HxWxD	Indoor Unit	mm	300 x 1000 x 700	300 x 1000 x 700	300 x 1400 x 700	300 x 1400 x 700	300 x 1400 x 700
		kgs	36	36	46	46	46
	Outdoor Unit	mm	620 x 790 x 290	830 x 900 x 330	830 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330
		kgs	41	61	61	86	93
Piping Connections (Liquid / Suction)		mm	∅ 6.35 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88
Max Pipe Length (Precharged length)		m	30 (15)	50 (20)	50 (20)	50 (20)	75 (30)
Max Height Difference		m	20	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A	R410A



# PRODUCT SPECIFICATIONS

## HIGH STATIC SINGLE PHASE COMPACT OUTDOOR

Model No.	Indoor unit		ARTG30LHTA	ARTG36LHTA	ARTG45LHTA
	Outdoor unit		AOTG30LBTC	AOTG36LBTC	AOTG45LBTC
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Capacity	Cooling	kW	8.50 (4.70 - 10.00)	10.00 (5.00 - 11.40)	11.50 (5.70 - 13.50)
	Heating	kW	10.00 (5.00 - 11.50)	12.50 (5.10 - 14.00)	14.00 (6.00 - 15.50)
Input Power	Cooling	kW	2.61	3.08	3.70
	Heating	kW	2.70	3.42	3.84
EER	Cooling	kW / kW	3.26	3.25	3.11
COP	Heating	kW / kW	3.70	3.65	3.65
AEER	Cooling	kW / kW	3.243	3.241	3.109
ACOP	Heating	kW / kW	3.897	3.732	3.741
Running Current	Cooling / Heating	amps	11.00 / 11.30	13.00 / 14.40	15.50 / 16.10
Moisture Removal		l / hr	0.90	1.50	0.90
Noise Level	Indoor Sound Pressure (High/Quiet)	dBA	41 / 36	41 / 36	43 / 35
	Outdoor Sound Pressure	dBA	53	52	58
	Outdoor Sound Power	dBA	69	68	72
Static Pressure Range		PA	60 to 210	60 to 210	60 to 260
Air Circulation (Indoor - High Fan)		l / sec	695	695	903
Net Dimensions HxWxD	Indoor Unit	mm	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490
		kgs	39	39	54
	Outdoor Unit	mm	830 x 900 x 330	914 x 970 x 370	914 x 970 x 370
		kgs	61	75	75
Piping Connections (Liquid / Suction)		mm	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88
Max Pipe Length (Precharged length)		m	50 (20)	50 (20)	50 (20)
Max Height Difference		m	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

# PRODUCT SPECIFICATIONS

## HIGH STATIC SINGLE PHASE

Model No.	Indoor unit		ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG54LHTC
	Outdoor unit		AOTG30LATL	AOTG36LATL	AOTG45LATL	AOTG54LCTL
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Capacity	Cooling	kW	9.00 (4.70 - 10.00)	10.50 (5.00 - 11.40)	12.50 (5.70 - 14.00)	14.00 (6.20 - 15.20)
	Heating	kW	11.20 (5.00 - 12.10)	12.10 (5.10 - 14.00)	14.00 (6.00 - 16.00)	16.00 (6.20 - 18.00)
Input Power	Cooling	kW	2.70 (Max 4.30)	3.18 (Max 4.67)	4.03 (Max 5.38)	4.40 (Max 5.63)
	Heating	kW	2.95 (Max 4.30)	3.30 (Max 4.80)	3.80 (Max 5.38)	4.37 (Max 5.63)
EER	Cooling	kW / kW	3.33	3.30	3.10	3.18
COP	Heating	kW / kW	3.80	3.67	3.68	3.66
AEER	Cooling	kW / kW	3.350	3.338	3.205	3.166
ACOP	Heating	kW / kW	3.799	3.697	3.669	3.690
Running Current	Cooling / Heating	amps	11.40 / 12.40	13.40 / 13.90	16.90 / 16.00	18.40 / 18.30
Moisture Removal		l / hr	1.00	1.50	1.00	1.50
Noise Level	Indoor Sound Pressure (High/Quiet)	dBA	41 / 36	41 / 36	43 / 35	45 / 36
	Outdoor Sound Pressure	dBA	52	52	55	55
	Outdoor Sound Power	dBA	67	68	69	70
Static Pressure Range		PA	60 to 210	60 to 210	60 to 260	60 to 260
Air Circulation (Indoor - High Fan)		l / sec	695	695	903	986
Net Dimensions HxWxD	Indoor Unit	mm	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490
		kgs	39	39	54	54
	Outdoor Unit	mm	1290 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330
		kgs	86	86	86	93
Piping Connections (Liquid / Suction)		mm	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88
Max Pipe Length (Precharged length)		m	50 (20)	50 (20)	50 (20)	75 (30)
Max Height Difference		m	30	30	30	30
Operation Range	Cooling	°CDB	-5 to 46	-5 to 46	-5 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A

# PRODUCT SPECIFICATIONS

## HIGH STATIC SINGLE PHASE INFINITY RANGE

Model No.	Indoor unit		ARTG45LDTA	ARTG54LDTA	ARTG60LDTA
	Outdoor unit		AOTG45LBTA	AOTG54LBTA	AOTG60LBTA
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Capacity	Cooling	kW	12.50 (5.70 - 14.00)	14.00 (6.20 - 15.20)	15.80 (6.20 - 16.30)
	Heating	kW	14.00 (6.00 - 16.00)	16.00 (6.20 - 18.00)	18.00 (6.20 - 18.50)
Input Power	Cooling	kW	3.91 (Max 5.36)	4.31 (Max 5.60)	4.92 (Max 6.15)
	Heating	kW	3.50 (Max 5.36)	4.21 (Max 5.59)	4.99 (Max 6.18)
EER	Cooling	kW / kW	3.20	3.25	3.21
COP	Heating	kW / kW	4.00	3.80	3.61
AEER	Cooling	kW / kW	3.213	3.244	3.225
ACOP	Heating	kW / kW	3.993	3.855	3.718
Running Current	Cooling / Heating	amps	16.40 / 14.70	18.10 / 17.70	20.70 / 21.00
Moisture Removal		l / hr	1.50	1.80	2.10
Noise Level	Indoor Sound Pressure (High/Quiet)	dBA	40 / 32	41 / 34	44 / 35
	Outdoor Sound Pressure	dBA	55	55	57
	Outdoor Sound Power	dBA	69	70	72
Static Pressure Range		PA	60 to 250	60 to 250	60 to 250
Air Circulation (Indoor - High Fan)		l / sec	931	1014	1139
Net Dimensions HxWxD	Indoor Unit	mm	360 x 1400 x 850	360 x 1400 x 850	360 x 1400 x 850
		kgs	69	69	69
	Outdoor Unit	mm	1290 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330
		kgs	86	93	97
Piping Connections (Liquid / Suction)		mm	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88
Max Pipe Length (Precharged length)		m	50 (20)	75 (30)	75 (30)
Max Height Difference		m	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A

# PRODUCT SPECIFICATIONS

## HIGH STATIC THREE PHASE

Model No.	Indoor unit		ARTG36LHTB	ARTG45LHTB	ARTG60LHTA	ARTC72LATU	ARTC90LATU
	Outdoor unit		AOTG36LATT	AOTG45LATT	AOTG60LATT	AOTA72LALT	AOTA90LALT
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		415 / 3 / 50	415 / 3 / 50	415 / 3 / 50	415 / 3 / 50	415 / 3 / 50
Capacity	Cooling	kW	10.50 (5.00 - 11.40)	12.50 (5.70 - 14.00)	15.00 (6.20 - 17.50)	20.30 (10.80 - 23.50)	25.00 (11.20 - 28.00)
	Heating	kW	12.10 (5.10 - 14.00)	14.00 (6.00 - 16.20)	18.00 (6.20 - 20.00)	22.60 (12.00 - 26.50)	28.00 (12.50 - 31.50)
Input Power	Cooling	kW	3.18 (Max 5.63)	3.82 (Max 6.37)	4.70 (Max 7.40)	6.25 (Max 10.10)	7.82 (Max 12.50)
	Heating	kW	3.30 (Max 5.63)	3.67 (Max 6.37)	5.15 (Max 7.40)	6.27 (Max 10.10)	8.24 (Max 12.50)
EER	Cooling	kW / kW	3.30	3.27	3.19	3.25	3.20
COP	Heating	kW / kW	3.67	3.81	3.50	3.60	3.40
AEER	Cooling	kW / kW	3.285	3.248	3.174	3.315	3.172
ACOP	Heating	kW / kW	3.733	3.988	3.483	3.698	3.505
Running Current	Cooling / Heating	amps	4.60 / 4.80	5.50 / 5.30	6.70 / 7.30	9.30 / 9.30	11.50 / 12.10
Moisture Removal		l / hr	1.50	1.00	2.00	4.50	6.00
Noise Level	Indoor Sound Pressure (High/Quiet)	dBA	41 / 36	43 / 35	45 / 36	47 / 41	49 / 43
	Outdoor Sound Pressure	dBA	51	54	56	57	58
	Outdoor Sound Power	dBA	67	68	71	74	76
Static Pressure Range		PA	60 to 210	60 to 260	60 to 260	50 to 250	50 to 250
Air Circulation (Indoor - High Fan)		l / sec	695	903	986	1195	1347
Net Dimensions HxWxD	Indoor Unit	mm	400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490	450 x 1587 x 700	550 x 1587 x 700
		kgs	39	54	54	100	110
	Outdoor Unit	mm	1290 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330	1690 x 930 x 765	1690 x 930 x 765
		kgs	104	104	104	215	215
Piping Connections (Liquid / Suction)		mm	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 9.52 / ∅ 15.88	∅ 12.70 / ∅ 25.40	∅ 12.70 / ∅ 25.40
Max Pipe Length (Precharged Length)		m	75 (30)	75 (30)	75 (30)	75 (20)	75 (20)
Max Height Difference		m	30	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-5 to 46	-5 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant			R410A	R410A	R410A	R410A	R410A



## SPECIFICATIONS & FEATURES

Products in this brochure contain R401A 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.

# FUJITSU - COMMUNITY

## SPORTING CHANCE

Fujitsu General Australia is extremely proud to be a major supporter of the Sporting Chance Cancer Foundation.

Established in 1996 by a number of high profile Australian sports men and women, including Fujitsu Generals' longstanding ambassador Mark Taylor, Sporting Chance is a not-for-profit organisation that helps provide home support and care to children with cancer.

To date, Fujitsu General has donated more than \$7M to this worthy cause, with a percentage of sales from Fujitsu's air conditioning units going towards the funding of outreach programs and exploring better ways to treat and overcome cancer.

This support has enabled the Sporting Chance Cancer Foundation to fund nurses across Australia allowing children to receive improved cancer care closer to home. This funding also allows for remote treatment and care for families, and considerably reduces the time spent travelling to and from the nearest hospital, which could be thousands of kilometres from home.

Sporting Chance initiatives allow families to spend more quality time at home together, while still having access to the appropriate care for their child.

Fujitsu General is dedicated to the ongoing support of the Sporting Chance Cancer Foundation and its commitment to improving the cancer care available for children, as well as research and new treatment developments.





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*Mark Taylor*



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\*Reader's Digest Catalyst Trusted Brands Survey – Air Conditioning Category.

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