



AUSTRALIA'S FAVOURITE AIR™

# DUCTED AIR CONDITIONING SOLUTIONS

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

# DUCTED RANGE

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

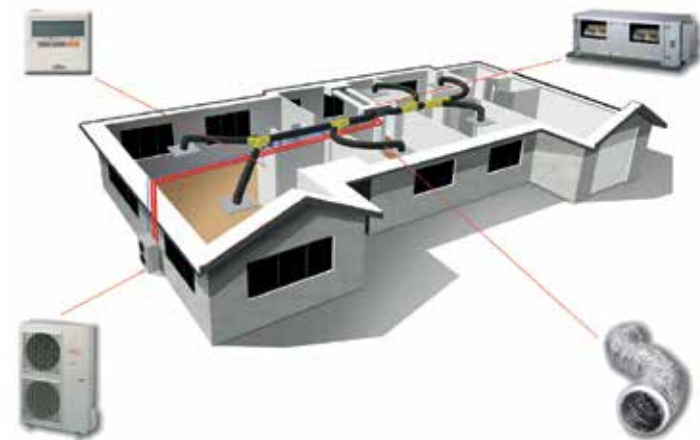
Ducted air conditioning is usually a whole home solution that allows you to condition multiple rooms or the entire house using just one system.

The indoor unit is usually located in the ceiling or under the floor, the outdoor unit 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

## WHY CHOOSE FUJITSU DUCTED AIR CONDITIONING?

### DISCREET DESIGN

Fujitsu ducted systems have little intrusion into the overall aesthetics of your rooms, as only grills mounted in the floor or ceiling are visible. Exceptionally discreet, the system is concealed in your ceiling or floor, offering seamless integration into your home's décor.

### ENERGY EFFICIENCY

With built in features such as high energy efficiency DC fan motors, intelligent control logic and high efficiency compressors, our air conditioners use less power than ever before.

### COMPLETE COMFORT

Fujitsu's optional Zone Control system allows you to manage the air conditioning in your home with the use of zones, helping you to customise your needs to suit your lifestyle. Each system comes with an easy to use wired remote controller, putting your comfort needs at your fingertips.

### PEACE OF MIND

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



The Fujitsu logo, featuring the word 'FUJITSU' in a white, sans-serif font. Above the 'J' is a stylized infinity symbol or 'Yin-Yang' symbol.





# 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. The system adjusts airflow through dampers to control the air conditioning of the zones to reach the desired temperature.

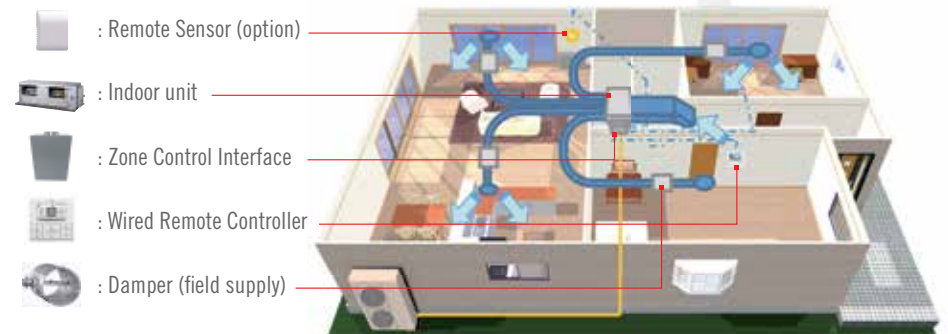
The Fujitsu Optional Backlit Zone Controller allows for up to 8 zones to be set, where users can rename the zone on the easy to use backlit wired controller. For example, zone 1 - living area, zone 2 - bedrooms and so on.

### ENERGY EFFICIENCY

By using the weekly timer function, dampers can be opened and closed to match your daily schedule.

### 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 (STANDARD)

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



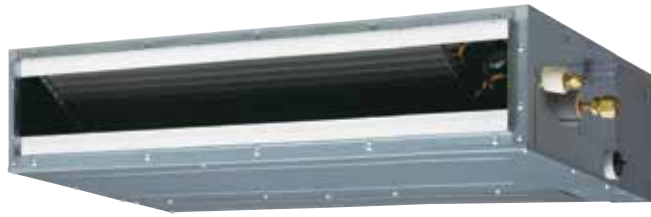
### BACKLIT CONTROLLER (OPTIONAL EXTRA)

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

Note: Backlit controller is standard with ARTG60LHTB



# BULKHEAD



ARTG09/12LLL B



ARTG18LLTA



AOTG09LBCA/12LBCA/18LACC

## 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

- All DC Components
- Auto Changeover
- Auto Restart
- 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 and Setback
- Zone Control



ON

ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√

Model No.	Indoor unit		ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
	Outdoor unit		AOTG09LBCA	AOTG12LBCA	AOTG18LACC
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Source	V/Ph/HZ		240/1/50	240/1/50	240/1/50
Capacity	Cooling	kW	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 - 4.17)	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
Running Current	Cooling / Heating	Amps	3.1 / 3.9	4.3 / 5.3	6.1 / 6.6
Moisture Removal		L/Hr	0.7	1.3	2.0
Noise Level	Indoor Sound Pressure (High/Low)	dB(A)	28 / 25	29 / 26	32 / 27
	Outdoor Sound Pressure	dB(A)	41	49	56
	Outdoor Sound Power	dB(A)	59	62	71
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

# SLIMLINE



ARTG24MLMC, ARTA30LBTU, ARTA36/45LATU



AOTG24LATC/30LGTL



AOTG36LCTL/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.

### 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.

### QUIET AND EFFICIENT

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

FEATURES	ARTG24MLMC
All DC Components	✓
Auto Changeover	✓
Auto Restart	✓
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	





# HIGH STATIC SINGLE PHASE



ARTG30/36LHTA



ARTG45LHTA/ARTG54LHTC



ARTG60LHTB



AOTG30LATL/36LATL/45LATL/54LCTL/60LATA

## WHOLE HOME COMFORT AND

### INCREASE 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	ARTG30LHTA	ARTG36LHTA
All DC Components	√	√
Auto Changeover	√	√
Auto Restart	√	√
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	√	√



# HIGH STATIC THREE PHASE



ARTG36LHTB



ARTG45LHTB/ARTG60LHTB



ARTC72LATU



ARTC90LATU



AOTG36LATT/45LATT/60LATT



AOTA72LALT/AOTA90LALT

## WHOLE HOME COMFORT AND

### 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	ARTG36LHTB	ARTG45LHTB
All DC Components	√	√
Auto Changeover	√	√
Auto Restart	√	√
Automatic Air flow 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	√	√



# CONTROL

ARTG60LHTA	ARTC72LATU	ARTC90LATU
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
√	√	√
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√	√	√
√	√	√

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 Source	V/Ph/HZ		415/3/50	415/3/50	415/3/50	415/3/50	415/3/50
Capacity	Cooling	kW	10.5 (5.0 - 11.4)	12.5 (5.7 - 14.0)	15.0 (6.2 - 17.5)	20.3 (10.8 - 23.5)	25.0 (11.2 - 28.0)
	Heating	kW	12.1 (5.1 - 14.0)	14.0 (6.0 - 16.2)	18.0 (6.2 - 20.0)	22.6 (12.0 - 26.5)	28.0 (12.5 - 31.5)
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
Running Current	Cooling / Heating	Amps	4.6 / 4.8	5.5 / 5.3	6.7 / 7.3	9.3 / 9.3	11.5 / 12.1
Moisture Removal		L/Hr	1.5	1.0	2.0	4.5	6.0
Noise Level	Indoor Sound Pressure (High/Low)	dbA	41 / 36	43 / 35	45 / 36	47 / 41	49 / 43
	Outdoor Sound Pressure	dbA	51	54	56	57	59
	Outdoor Sound Power	dbA	67	68	71	75	78
Air Circulation (Indoor - High Fan)		l/sec	695	903	986	1195	1347
Net Dimensions HxWxD	Indoor Unit	mm	400 x 1,050 x 500	425 x 1,250 x 490	425 x 1,250 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	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø12.7 / Ø25.4	Ø12.7 / Ø25.4
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

FUJITSU



If you are looking for an air conditioner that you can trust to keep you comfortable all 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, **Fujitsu, it's Australia's Favourite Air.**



*Mark Taylor*



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