

FUJITSU

NEW ZEALAND'S FAVOURITE AIR®

# Ducted Range

Whole Home Heating & Cooling



# Ducted Whole Home Heating/Cooling

## What is it and how does it work?

Our ducted system is a whole home heating/cooling 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 so it doesn't infringe on the aesthetics of your home.

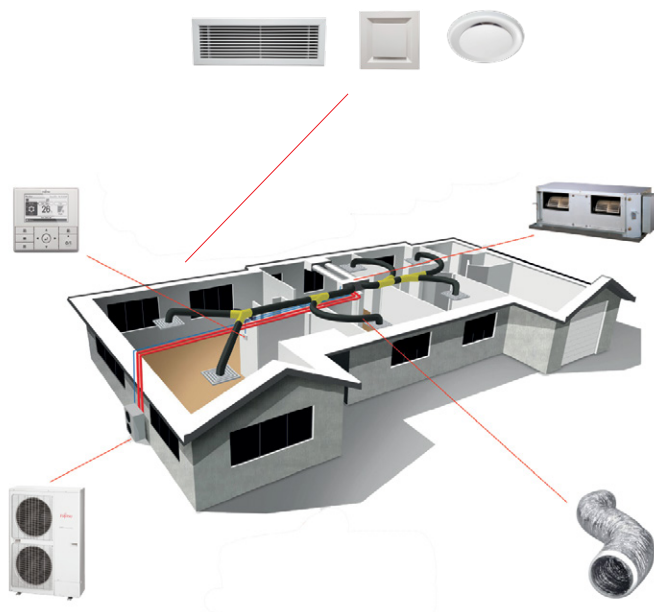
Conditioned air is circulated via a network of ducts in your ceiling or floor cavity, with outlets in as many or as few rooms as you wish.

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

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

## What is zone control?\*

Ducted heating/cooling with zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort and energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.



\*Optional for ARTG\_LHTDP/LDTA/LBTC/LHTA/LHTC | ARTC\_LATU

# Why choose Fujitsu?



Specialist expertise



Advanced Air Filters



New Zealand's only accredited installation programme



6 Year Manufacturer's Warranty\*



Trusted brand



\*6 year warranty applies when the unit is installed by a Fujitsu Accredited Installer. Register your warranty easily online at: [fujitsugeneral.co.nz/help-centre/warranty-registration](https://fujitsugeneral.co.nz/help-centre/warranty-registration)

## Energy efficiency

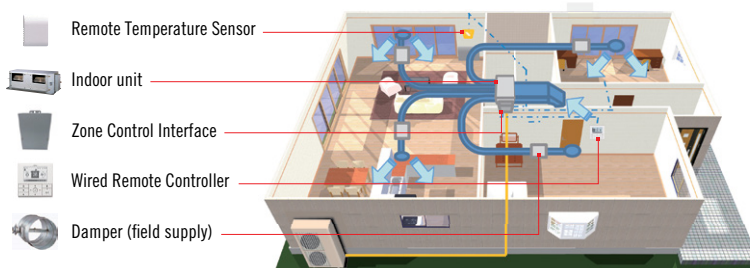
By using the weekly timer function the operation can be set up to match your daily schedule. It's a 'set and forget' way to keep the temperature of your home comfortable all year round.

## 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.

## Controller options

Please discuss controller options with your accredited installer for the best solution.



### LCD Backlit Controller

UTY-RVNYN

Features:

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



### Universal Wired Controller

UTY-RNNYN

Features:

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



### LCD Touch Controller

UTY-RNRYT5

Features:

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

Wi-Fi Controller Options Available 



Our Fujitsu Accredited Installers will provide an in-home consultation to advise the best ducted system to suit the requirements of your home and lifestyle.

So, to get details of a bespoke solution for your home, please contact your local installer today!

# Specifications



			BULKHEAD			SLIMLINE				
Set Code			SET-ARTG09LLLB	SET-ARTG12LLLB	SET-ARTG18LLTA	SET-ARTG24LMLC	SET-ARTA30LBTU	SET-ARTA36LATU	SET-ARTA45LATU	
Model No.	Indoor unit			ARTG09LLLB	ARTG12LLLB	ARTG18LLTA	ARTG24LMLC	ARTA30LBTU	ARTA36LATU	ARTA45LATU
	Outdoor unit			AOTG09LBCB	AOTG12LBCB	AOTG18LACC	AOTG24LACC	AOTA30LGTL	AOTA36LCTL	AOTA45LCTL
Operation Type			Reverse Cycle	Reverse Cycle	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	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)	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	3.50 (0.90 - 5.51)	4.50 (0.90 - 5.96)	6.00 (0.90 - 7.50)	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	0.66 (Max 1.46)	0.94 (Max 1.51)	1.45 (Max 1.61)	2.09 (Max 2.40)	2.65 (Max 4.04)	3.11 (Max 4.66)	3.56 (Max 5.02)	
	Heating	kW	0.83 (Max 1.88)	1.19 (Max 2.09)	1.56 (Max 2.31)	2.19 (Max 2.75)	2.68 (Max 4.04)	3.02 (Max 4.78)	4.02 (Max 5.02)	
EER	Cooling	kW / kW	3.94	3.72	3.59	3.40	3.21	3.21	3.23	
COP	Heating	kW / kW	4.22	3.78	3.85	3.65	3.73	3.71	3.48	
AEER	Cooling	kW / kW	3.824	3.645	3.601	3.428	3.193	3.247	3.212	
ACOP	Heating	kW / kW	4.137	3.748	3.850	3.736	3.739	3.688	3.468	
Static Pressure Range			PA	0 to 90	0 to 90	0 to 90	30 to 150	30 to 150	30 to 150	
Air Circulation (Indoor - High Fan)			l / sec	167	181	261	305	542	514	583
Net Dimensions H x W x D	Indoor Unit	mm	198 x 700 x 620	198 x 700 x 620	198 x 900 x 620	270 x 1135 x 700	270 x 1135 x 700	270 x 1135 x 700	270 x 1135 x 700	
		kgs	18	18	23	38	40	40	40	
	Outdoor Unit	mm	620 x 790 x 290	620 x 790 x 290	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	39	39	41	60	61	86	86	
Piping Connections (Liquid / Suction)			mm	Ø 6.35 / Ø 9.52	Ø 6.35 / Ø 9.52	Ø 6.35 / Ø 12.70	Ø 6.35 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88
Max Pipe Length (Precharged length)			m	20 (15)	20 (15)	30 (15)	30 (20)	50 (20)	50 (20)	50 (20)
Max Height Difference			m	15	15	20	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-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	-15 to 24	-15 to 24	-15 to 24	

			NEXT GEN SLIMLINE PLUS					HIGH STATIC NEXT GEN SINGLE PHASE	
Set Code			SET-ARTG24LHTDP	SET-ARTG30LHTDP	SET-ARTG36LHTDP	SET-ARTG45LHTDP	SET-ARTG54LHTDP	SET-ARTG60LDTA	
Model No.	Indoor unit			ARTG24LHTDP	ARTG30LHTDP	ARTG36LHTDP	ARTG45LHTDP	ARTG60LDTA	
	Outdoor unit			AOTG24LBCA	AOTG30LBTA	AOTG36LBTA	AOTG45LBTB	AOTG60LBTA	
Operation Type			Reverse Cycle	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	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)	15.80 (6.20 - 16.30)	
	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)	18.00 (6.20 - 18.50)	
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)	4.92 (Max 6.15)	
	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)	4.99 (Max 6.18)	
EER	Cooling	kW / kW	3.41	3.21	3.22	3.45	3.32	3.21	
COP	Heating	kW / kW	3.65	3.70	3.65	3.80	3.60	3.61	
AEER	Cooling	kW / kW	3.413	3.245	3.240	3.486	3.360	3.225	
ACOP	Heating	kW / kW	3.739	3.696	3.734	3.951	3.644	3.718	
Static Pressure Range			PA	30 to 200	30 to 200	30 to 200	30 to 200	60 to 250	
Air Circulation (Indoor - High Fan)			l / sec	378	472	569	708	708	1139
Net Dimensions H x W x D	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	360 x 1400 x 850	
		kgs	36	36	46	46	46	69	
	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	1290 x 900 x 330	
		kgs	41	61	61	86	93	97	
Piping Connections (Liquid / Suction)			mm	Ø 6.35 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	
Max Pipe Length (Precharged length)			m	30 (15)	50 (20)	50 (20)	50 (20)	75 (30)	75 (30)
Max Height Difference			m	20	30	30	30	30	30
Operation Range	Cooling	°CDB	-10 to 46	-15 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	-15 to 24	

For more product information, please visit [fujitsugeneral.co.nz](http://fujitsugeneral.co.nz). Due to ongoing research and development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products. All capacity and energy efficiency ratings are based on the 2019 GEMS ≤65kw determination. Running current is at rated conditions (AS/NZS 3823) and does not include compressor start-up or variations in power supply and load conditions.

# Specifications



			HIGH STATIC SINGLE PHASE (COMPACT OUTDOOR UNIT)			HIGH STATIC SINGLE PHASE (TWIN FAN OUTDOOR UNIT)			
Set Code			SET-ARTG30LBTC	SET-ARTG36LBTC	SET-ARTG45LBTC	SET-ARTG30LHTA	SET-ARTG36LHTA	SET-ARTG45LHTA	SET-ARTG54LHTC
Model No.	Indoor unit		ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG54LHTC
	Outdoor unit		AOTG30LBTC	AOTG36LBTC	AOTG45LBTC	AOTG30LATL	AOTG36LATL	AOTG45LATL	AOTG54LCTL
Operation Type			Reverse Cycle	Reverse Cycle	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	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)	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	10.00 (5.00 - 11.50)	12.50 (5.10 - 14.00)	14.00 (6.00 - 15.50)	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	2.61 (Max 4.06)	3.08 (Max 5.04)	3.70 (Max 5.62)	2.70 (Max 4.30)	3.18 (Max 4.67)	4.03 (Max 5.38)	4.40 (Max 5.63)
	Heating	kW	2.70 (Max 4.06)	3.42 (Max 5.04)	3.84 (Max 5.62)	2.95 (Max 4.30)	3.30 (Max 4.80)	3.80 (Max 5.38)	4.37 (Max 5.63)
EER	Cooling	kW / kW	3.26	3.25	3.11	3.33	3.30	3.10	3.18
COP	Heating	kW / kW	3.70	3.65	3.65	3.80	3.67	3.68	3.66
AEER	Cooling	kW / kW	3.243	3.241	3.109	3.350	3.338	3.205	3.166
ACOP	Heating	kW / kW	3.897	3.732	3.741	3.799	3.697	3.669	3.690
Static Pressure Range			PA 60 to 210	60 to 210	60 to 260	60 to 210	60 to 210	60 to 260	60 to 260
Air Circulation (Indoor - High Fan)			l / sec 695	695	903	695	695	903	986
Net Dimensions H x W x D	Indoor Unit	mm	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490
		kgs	39	39	54	39	39	54	54
	Outdoor Unit	mm	830 x 900 x 330	914 x 970 x 370	914 x 970 x 370	1290 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330
		kgs	61	75	75	86	86	86	93
Piping Connections (Liquid / Suction)			mm Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88
Max Pipe Length (Precharged length)			m 50 (20)	50 (20)	50 (20)	50 (20)	50 (20)	50 (20)	75 (30)
Max Height Difference			m 30	30	30	30	30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-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	-15 to 24	-15 to 24	-15 to 24

			HIGH STATIC THREE PHASE		
Set Code			SET-ARTG60LHTA	SET-ARTC72LATU	SET-ARTC90LATU
Model No.	Indoor unit		ARTG60LHTA	ARTC72LATU	ARTC90LATU
	Outdoor unit		AOTG60LATT	AOTA72LALT	AOTA90LALT
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / Hz		415 / 3 / 50	415 / 3 / 50	415 / 3 / 50
Capacity	Cooling	kW	15.00 (6.20 - 17.50)	20.30 (10.80 - 23.50)	25.00 (11.20 - 28.00)
	Heating	kW	18.00 (6.20 - 20.00)	22.60 (12.00 - 26.50)	28.00 (12.50 - 31.50)
Input Power	Cooling	kW	4.70 (Max 7.40)	6.25 (Max 10.10)	7.82 (Max 12.50)
	Heating	kW	5.15 (Max 7.40)	6.27 (Max 10.10)	8.24 (Max 12.50)
EER	Cooling	kW / kW	3.19	3.25	3.20
COP	Heating	kW / kW	3.50	3.60	3.40
AEER	Cooling	kW / kW	3.174	3.315	3.172
ACOP	Heating	kW / kW	3.483	3.698	3.505
Static Pressure Range			PA 60 to 260	50 to 250	50 to 250
Air Circulation (Indoor - High Fan)			l / sec 986	1195	1347
Net Dimensions H x W x D	Indoor Unit	mm	425 x 1250 x 490	450 x 1587 x 700	550 x 1587 x 700
		kgs	54	100	110
	Outdoor Unit	mm	1290 x 900 x 330	1690 x 930 x 765	1690 x 930 x 765
		kgs	104	215	215
Piping Connections (Liquid / Suction)			mm Ø 9.52 / Ø 15.88	Ø 12.70 / Ø 25.40	Ø 12.70 / Ø 25.40
Max Pipe Length (Precharged length)			m 75 (30)	75 (20)	75 (20)
Max Height Difference			m 30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-5 to 46	-5 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24



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A SUBSIDIARY OF FUJITSU GENERAL LIMITED

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Fujitsu General accepts no liability for incorrect data.  
Please ensure you have confirmed installation requirements and pipe sizes prior to install.

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