

# All round comfort, all year round

New Zealand's complete Central Heating & Cooling systems

Featuring New Zealand's  
first ever ENERGY STAR®  
range of Ducted Air  
Conditioning Heat Pumps.



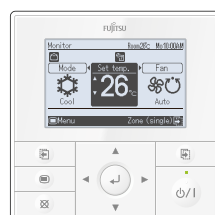
The Home Comfort Specialist

FUJITSU

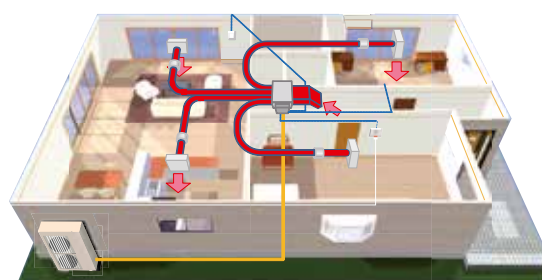


Like all Kiwis, I put the health and comfort of my family first. That's why I recommend Fujitsu's Central Heating and Cooling systems. Fujitsu are the true leading specialists when it comes to heat pumps, and thanks to their expertise, you will add value as well as enjoying a more comfortable and healthy home lifestyle.

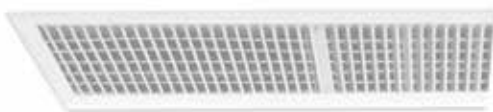
*Sam Fleming*



With Fujitsu Central Heating & Cooling, every minute of every day is spent in total comfort







## Discreet comfort

All you see in your home are the discreet ceiling, wall or floor vents, plus of course the smart wall controller. The clever Fujitsu Heat Pump unit is completely hidden.

## Advanced efficiency

Fujitsu has developed the first ever ENERGY STAR® qualified Central Heating systems.

Now you can enjoy a warm and healthy home, knowing that your Fujitsu system offers superior energy efficiency.

## Quiet as a whisper

As New Zealand's leading specialist, all we make is heat pumps. So, as you'd expect, our Central Heat Pumps operate so quietly, you'll forget they are on.

## Installation assurance

Heat Pump Central Heating needs skilled, experienced tradespeople. That's why Fujitsu train and accredit heat pump installers, and provide them with an Accreditation Card so you know that you are being looked after by a true professional.





## Discreet design

7.22am - As warm as toast on a freezing morning



Waking to Fujitsu comfort when it's freezing outside is more than a luxury. It's an exhilarating feeling that puts a smile on your face as soon as you open your eyes. The best way to set you up for a new day!

Fujitsu's wall controllers allow you to set them to come on to heat the room as you wake, and switch off when you leave – so you can simply 'set-and-forget' and just enjoy the comfort.

But while you are enjoying that warm feeling, you will barely notice its source, because your Fujitsu unit is hidden, with only the discreet vents visible. Even then, with the widest choice of vent styles, you will be sure to find one to compliment the look of your home.



# Quiet as a whisper

1.27pm - A cool sea breeze on a humid summer day

Sometimes families need to concentrate on homework, and sometimes just play. It's comforting to know that whatever your family chooses to do, your Fujitsu Central Heating will continue to do its job in the background, without you even being aware it is running.

Fujitsu only make heat pumps, and are New Zealand's leading specialists, so you can be sure that we know about quietness, inside and outside. The quality of engineering is second to none, delivering nothing else but a warm, comfortable and healthy environment.







# Advanced efficiency

5.38pwh - A warm welcome home on a freezing winter's evening

Walking into your home after a day's work can be as warming as a welcoming hug from the kids.

It's also a warm feeling to know that you are using the most efficient home heating available.

Fujitsu has the first-ever Central Heat Pump system to be ENERGY STAR® qualified, so you know your Fujitsu system offers superior energy efficiency.

Of course, even when no-one is home, you can set your Fujitsu to start before you arrive, so that you have a warm and cosy home ready and waiting for you.





# Installation assurance

2.18am - Out like a light all year round

Now you can sleep just as peacefully through those hot, humid summer nights, as you can in the middle of a bone-chilling winter.

You'll also sleep sounder with the knowledge that your Fujitsu has been installed by an Accredited specialist. Fujitsu run New Zealand's only heat pump Accreditation program, and when you choose an installer who has achieved Accreditation you can be assured that you have found an expert with the skills, experience and tools necessary to deliver a truly professional installation.

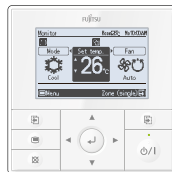


## Fujitsu Features Control options

### LCD Wall Controller (UTY-RVNYN) (optional)

Elegant backlit LCD unit. Easy to use, but with many advanced features and benefits.  
Features:

- Includes all the control functions of the already supplied controller **PLUS...**
- Backlit display
- 7-day programmable timer: with 8 x auto on/off scheduling for each day
- 2 weekly settings – which can be programmed for winter and summer
- Auto off timer – the indoor unit automatically turns off after a set time has passed, to prevent forgetting to turn off.
- Temperature limit select – so you can control the maximum and minimum temperature limits
- Set temperature auto return – the temperature can be set to automatically return to the previous set temperature, for any time between 10 and 120 minutes
- Economy mode – another way to save energy from this economy feature
- 3 types of lock-out operation: child lock; partial lock and management lock



UTY-RVNYN

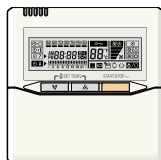
**WORLD FIRST**

### Universal Wall Controller (UTY-RNNYN) (supplied)

This smart optional controller is simple to use, yet has many features to add more control to your comfort with greater efficiency and convenience.

Features :

- 7-day programmable timer with 2 x auto on/off scheduling possible for each day
- Set-back timer, allows different temperature settings for each day
- Economy mode – another way to save energy from this economy feature
- Child lock
- Memory back-up (instant re-set) - remembers settings in case of power outages
- Clean filter indicator



UTY-RNNYN

### Simple Wall Controller (UTY-RSNNY) (optional)

Features:

- Basic operation function
- On/Off
- Mode change (heating/cooling)
- Temperature change: Auto: 18 to 30°C: Heating 16 to 30°C: Cooling 18 to 30°C
- Fan change: auto, high, medium, low and quiet



UTY-RSNNY



### Remote Control (UTY-LRHYM) (optional)

- 24 hour programmable timer can be easily set
- Four standard timers (On/Off/Programme /Sleep Timers)
- Easy operation
- Easy to change modes: heating/cooling/dry/auto/fan



UTY-LRHYM

### PebbleAir Smartphone Control (UTY-LRHYM) (optional)

Used with infra red remote control, the PebbleAir uses an App on your smartphone so that you can control your heating and cooling from almost anywhere. You'll always come home to a warm welcome!

- Switch it on and off, choose the temperature and set timers.
- Timer function includes 7-day timer settings, even on older models where this feature was not previously available
- Fully compatible with iPhones and Android mobiles, iPads and Android tablets.
- Easy to set-up: 'plug-in and play'. Just plug it in, pair with it your home Wi-Fi and download the App.
- No installation costs, no technicians, no fuss.

Please note: the Zone Control cannot be operated with PebbleAir



Check our website for FAQ's, detailed information on how heat pumps work and our full range of models.

[www.fujitsugeneral.co.nz](http://www.fujitsugeneral.co.nz)



# Optional Zone Control System

For all High Static Ducted systems

Smart control for more convenience and better economy

Zone Control System\*  
(optional)



This system gives you the ability to control the heating and cooling mode for each individual zone. It is designed to be used on certain models (ARTG30, 36, 45 and 54), so you can tailor which zones are being heated or cooled, right across your home.

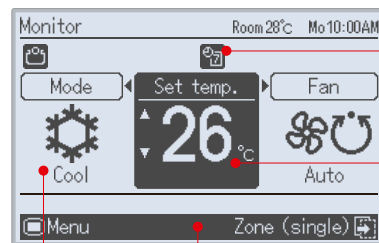
\*PebbleAir is not compatible with the Zone Control System

The heat and cooling mode to each zone is controlled by the opening and closing of ducting dampers.

- You can control multiple rooms, or the entire house, using just one Zone Control System
- Exceptionally discreet, the system is concealed in your ceiling, offering seamless integration into your home's decor
- Can be operated from the easy to use LCD control
- Quiet and efficient, and easy to maintain, offering perfect comfort through the entire home

- Easy to use, black lit display

Monitor screen



Icon display  
(Weekly time)

Set temperature

Control guide display

Icon and description

- Energy saving using weekly timer function

The opening and closing of dampers can be scheduled to fit in with your daily routine by using the weekly timer function.

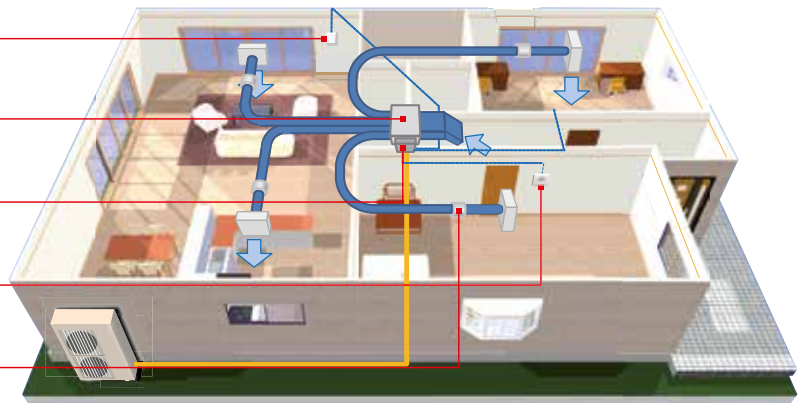
**Remote Sensor (optional)**  
Day/Night control

**Indoor unit**

**Zone Control Interface**

**Wired Remote Controller**

**Damper (locally sourced)**  
\* All dampers have a central operating site.  
x8



# Optional Auto Louver Grille Kit

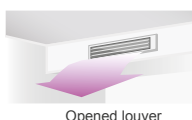
For Bulkhead type models

Stylish flat Auto Louver will provide comfort airflow and harmonise with luxury interior.

Louver is controlled by the indoor unit controller.

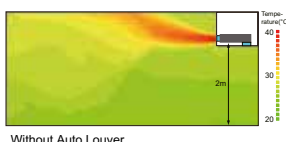


Closed louver

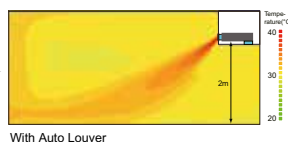


Opened louver

Ideal warm airflow



Without Auto Louver



With Auto Louver

- Flexible control

Operation with indoor unit

- Auto louver can be operated by synchronising with the remote control of the indoor unit
- Up and Down auto swing
- Auto airflow direction and auto swing
- 4 steps selectable
- When operation of indoor unit is stopped, the louver will automatically close

# Our range of Central Heating and Cooling

Fujitsu supply a very wide range of ducted models to suit the homes and conditions throughout New Zealand. Just ask your Fujitsu ducted heat pump specialist to explain which system will best suit your home and your budget. Whichever you use, the luxury of a central heating system will add a new level of comfort to your lifestyle, as well as adding real value to your home.

## The Sleep Pump™

### - When you need a good night's sleep

Here's an affordable way for a family to create year round comfort in either 3 or 4 bedrooms.

These entry point central heating systems are designed to keep your bedrooms warm in winter, then cool and dehumidify in summer. The fact that sleep is such an important aspect of your family's health makes these affordable systems not only a lifestyle improvement, but also a genuine contribution to the well-being of the whole family.

#### Sleep Pump™ 3



Heating capacity: 8.0kW  
Heating efficiency: COP 3.65  
Cooling capacity: 7.1kW  
Cooling efficiency: EER 3.40  
Quiet mode: just 25dB

#### Sleep Pump™ 4



Heating capacity: 10.0kW  
Heating efficiency: COP 3.73  
Cooling capacity: 8.5kW  
Cooling efficiency: EER 3.21  
Quiet mode: just 29dB



## Slimline

These slim models are designed for flexibility of installation and ease of maintenance. They are quiet, energy efficient and add luxurious comfort throughout your home, yet you barely know they are there.

The smart controller is easy to use, and gives you all the options you could ever need.

#### ARTG24LML\*



Heating capacity: 8.0kW  
Heating efficiency: COP 3.65  
Cooling capacity: 7.1kW  
Cooling efficiency: EER 3.40  
Quiet mode: just 25dB

#### ARTA30LBT\*



Heating capacity: 10.0kW  
Heating efficiency: COP 3.73  
Cooling capacity: 8.5kW  
Cooling efficiency: EER 3.21  
Quiet mode: just 29dB

#### ARTA36LAT\*



Heating capacity: 11.2kW  
Heating efficiency: COP 3.71  
Cooling capacity: 10.0kW  
Cooling efficiency: EER 3.21  
Quiet mode: just 26dB

#### ARTA45LAT\*

Heating capacity: 14.0kW  
Heating efficiency: COP 3.48  
Cooling capacity: 11.5kW  
Cooling efficiency: EER 3.23  
Quiet mode: just 28dB





## Compact Lightweight

These compact chassis systems make hi-static models easy to install without compromising performance. Their excellent static pressures make them ideal for long duct runs or many outlets.

*Compatible with the optional Zone Control System.*

### ARTG30LHT\*



Heating capacity: 11.2kW  
Heating efficiency: COP 3.8  
Cooling capacity: 9.0kW  
Cooling efficiency: EER 3.33

### ARTG36LHT\*



Heating capacity: 12.1kW  
Heating efficiency: COP 3.67  
Cooling capacity: 10.5kW  
Cooling efficiency: EER 3.30

### ARTG45LHT\*



Heating capacity: 14.0kW  
Heating efficiency: COP 3.68  
Cooling capacity: 12.5kW  
Cooling efficiency: EER 3.10

### ARTG54LHT\*

Heating capacity: 16.0kW  
Heating efficiency: COP 3.6  
Cooling capacity: 14.0kW  
Cooling efficiency: EER 3.00



## Bulkhead Type

Compact design allows them to be installed into the cavity of your ceiling, at floor level or in a wall. Typically for a single room.

*Compatible with the optional Auto Louver Kit.*

### NEW

### ARTG09LLL\*



Heating capacity: 3.5kW  
Heating efficiency: COP 4.22  
Cooling capacity: 2.6kW  
Cooling efficiency: EER 3.94  
Quiet mode: just 24dB

### NEW

### ARTG12LLL\*



Heating capacity: 4.5kW  
Heating efficiency: COP 3.78  
Cooling capacity: 3.5kW  
Cooling efficiency: EER 3.72  
Quiet mode: just 24dB

### ARTG18LLT\*



Heating capacity: 6.0kW  
Heating efficiency: COP 3.85  
Cooling capacity: 5.2kW  
Cooling efficiency: EER 3.59  
Quiet mode: just 27dB





## Specifications

Type			BULKHEAD	BULKHEAD	Bulkhead	Low Profile	Low Profile	Low Profile	Low Profile	Hi Profile	Hi Profile	Hi Profile	Hi Profile
MODEL No.	Indoor Unit		ARTG09LLLB	ARTG12LLLB	ARTG18LLTA	ARTG24MLC	ARTA30LBTU	ARTA36LATU	ARTA45LATU	ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG54LHTC
	Outdoor Unit		AOTG09LBCA	AOTG12LBCA	AOTG18LACC	AOTG24LATC	AOTA30LCTL	AOTA36LCTL	AOTA45LCTL	AOTG30LATL	AOTG36LATL	AOTG45LATL	AOTG54LCTL
Heating Capacities		kW	3.5	4.5	6.0	8.0	10.0	11.2	14.0	11.2	12.1	14.0	16.0
Heating Range		kW	0.9 - 5.51	0.9 - 5.96	0.9 - 7.5	2.2 - 9.1	2.7 - 11.2	4.0 - 14.0	4.2 - 15.5	5.0 - 12.1	5.1 - 14.0	6.0 - 16.0	6.2 - 18.0
Cooling Capacities		kW	2.6	3.5	5.2	7.1	8.5	10.0	11.5	9.0	10.5	12.5	14.0
Cooling Range		kW	0.9 - 3.75	0.9 - 4.17	0.9 - 5.9	2.9 - 8.0	2.8 - 10.0	3.8 - 11.2	4.0 - 13.3	4.7 - 10.0	5.0 - 11.4	5.7 - 14.0	6.2 - 15.2
C.O.P Heat		W/W	4.22	3.78	3.85	3.65	3.73	3.71	3.48	3.80	3.67	3.68	3.66
E.E.R Cool		W/W	3.94	3.72	3.59	3.40	3.21	3.21	3.23	3.33	3.30	3.10	3.18
Running Current	Heat (Max)	Amps	3.9 (10.8)	5.3 (10.9)	6.6 (13.1)	9.2 (15.7)	11.2 (17.0)	12.7 (20.0)	16.8 (21.0)	12.4 (18.1)	13.9 (20.1)	16.0 (22.5)	18.3 (23.5)
	Cool (Max)	Amps	3.1 (9.3)	4.3 (9.4)	6.1 (9.6)	8.8 (15.7)	11.1 (17.0)	13 (19.5)	14.9 (21.0)	11.4 (18.1)	13.4 (19.6)	16.9 (22.5)	18.4 (23.5)
Input Power	Heat (Max)	kW	0.83 (1.88)	1.19 (2.09)	1.56 (2.31)	2.19 (2.75)	2.68 (4.04)	3.02 (4.78)	4.02 (5.02)	2.95 (4.30)	3.30 (4.80)	3.80 (5.38)	4.37 (5.63)
	Cool (Max)	kW	0.66 (1.46)	0.94 (1.51)	1.45 (1.61)	2.09 (2.40)	2.65 (4.04)	3.11 (4.66)	3.56 (5.02)	2.70 (4.30)	3.18 (4.67)	4.03 (5.38)	4.44 (5.63)
Moisture Removal		L/Hr	0.7	1.3	2.0	2.5	2.5	3.0	4.0	1.0	1.5	1.0	1.0
Fan Speeds			4	4	4	4	4	4	4	3	3	3	3
Air Circulation	Max	I/s	167	181	261	305	583	514	583	695	695	903	986
	Quiet	Dba at 1.0m	24	24	27	25	29	26	28	N/A	N/A	N/A	N/A
	Low	Dba at 1.0m	25	27	29	27	32	31	32	36	36	35	36
	Med	Dba at 1.0m	26	28	30	29	37	36	38	38	38	39	40
Indoor Sound Level	High	Dba at 1.0m	28	29	32	31	42	40	42	41	41	43	45
	Max	Dba at 1.0m	46	49	56	54	55	54	55	53	54	55	55
Outdoor Pressure Level	Height	mm	198	198	198	270	270	270	270	400	400	425	425
	Width	mm	700	700	900	1135	1135	1135	1135	1050	1050	1250	1250
	Depth	mm	620	620	620	700	700	700	700	500	500	490	490
	Net Weight	kg	18	18	23	38	40	40	40	39	39	54	54
	Height	mm	620	620	620	830	830	1290	1290	1290	1290	1290	1290
	Width	mm	790	790	790	900	900	900	900	900	900	90	900
	Depth	mm	290	290	290	330	330	330	330	330	330	330	330
	Net Weight	kg	39	39	41	60	61	94	94	86	86	86	86
Outdoor Operating Temperature	Cool	Degree C	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-5 to 46	-5 to 46	-5 to 46	-15 to 46
	Heat	Degree C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

## Central heating features



**Moisture removal**  
The micro computer is an effective dehumidifier.



**Automatic air flow adjustment**  
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.



**Auto restart**  
In the event of a temporary power failure, the heat pump will automatically restart in the same operating mode as before, once the power supply is restored.



**Auto-changeover**  
When selected, the unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



**Weekly timer**  
Different on-off times can be set for each day.



**Weekly + setback timer**  
Weekly + setback timer can set temperature for two time spans and for each day of the week.



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



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



**Control port**  
External inputs and outputs contained within the product allow on/off control, fresh air interlock connection and heater bank element connection.



**Zone controller**  
Allows you to control the heating and cooling for your optimum comfort for up to 8 zones (rooms).



**Cobalt blue heat exchanger**  
Outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend the performance life of your heat pump.



The ENERGY STAR® is awarded to qualified products and appliances with Superior Energy Efficiency.



Cooling



Heating

## Explanation of terms

**Capacity:** The higher the capacity, the more area and faster the heat pump will heat (and cool) the room.

**COP:** Stands for coefficient of performance or (more simply), the relationship between energy used and heat delivered. For example with a heating COP of 4.11 – you will get 4.11kW of heat for every 1kW of energy used.

**Indoor Sound:** Measured in decibels, this is the sound level of your indoor unit at selected fan speeds. For example 20-30 decibels is less than the sound of a human whisper.

**Heating Range:** With our Kiwi winter, your heat pump needs to be able to supply heat indoors, even when its -15°C outside!

Products depicted in this brochure contain high operating pressure R410a refrigerant. It is illegal to vent that refrigerant to the atmosphere. Only persons qualified and experienced in the installation, service and repair of these products are authorised to undertake such work.

Fujitsu General Accredited Installers have shown they have the necessary equipment and have accepted responsibility for their installations and the requirements of any statutes or laws.

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.

Heating/Cooling capacities and run current tests are based on the requirements of AS/NZS3823, that standard tests at the temperature below.

**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

As actual temperature ranges in New Zealand vary considerably only competent people should provide advice as to size and placement of units.

Recommended cable sizes are based in AS/NZS3000 and AS/NZS3008.

Fujitsu General New Zealand Ltd warrants the equipment against any defects in materials and factory workmanship for a period of five years from the date of installation, or for 6 years if installed by an Accredited Installer.

This warranty does not cover defects or failures which are attributable to; incorrect or improper installation; environmental damage; airflow restriction; inadequate electrical supply; getting access to the product.

Fujitsu General New Zealand Limited  
www.fujitsugeneral.co.nz

## Why Fujitsu?



Fujitsu heat pumps are recommended by Asthma New Zealand



Awarded NZ's leading iconic and trusted heat pump brand.  
2014 | 2015



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