

# Console Range

Floor and Ceiling Consoles



# Why Choose Fujitsu?

## New Zealand's Favourite Air®

Fujitsu General is a leading supplier of heat pumps/air conditioners in New Zealand, with a portfolio to suit both residential and commercial applications.

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

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

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

## Peace of Mind

Fujitsu's accreditation programme for installers helps ensure that you'll get the right fit for your unique space. A professional installation is essential for the efficient performance of any heat pump/air conditioner.

## Extensive Manufacturer's Warranty

Fujitsu General believes in the quality and reliability of every product we sell. Our 6 year parts and labour warranty applies to residential applications when installed by a Fujitsu Accredited Installer. A standard 5 year warranty applies otherwise.



Please visit [www.fujitsugeneral.co.nz/warranty](http://www.fujitsugeneral.co.nz/warranty) for more information.

## Fujitsu Dealer Network

Fujitsu has a comprehensive network of dealers across New Zealand. This ensures there is a local stockist in your area to assist you in purchasing a Fujitsu heat pump/air conditioning system for your home.



Specialist expertise



Accredited Installer programme



6 year manufacturer's warranty\*



Trusted brand

\*When the unit is installed by a Fujitsu Accredited Installer (residential installation only).

### A Trusted Brand

Fujitsu understands that our customers are investing in our brand and trusting that we will provide their family with a comfortable living environment all year round. Fujitsu is honoured to be consistently voted one of New Zealand's most trusted heat pump/air conditioning brands. We are proud to see the amount of trust our customers have in our products and the service provided by our network of Fujitsu Accredited Installers.



### 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 Fujitsu-trained technicians in Auckland and Christchurch. 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 heat pump/air conditioning operating conditions. Our rigorous testing aims to meet Fujitsu's high standard of product quality and reliability.



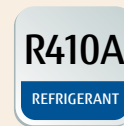


# Console Range

**5** models  
from 3.5kW  
to 8.0kW  
Heating capacity

ENERGY RATING		
5.5★	HOT climate	3.0★
5.0★	AVERAGE climate	3.0★
5.0★	COLD climate	2.5★

AGTG09KVCA

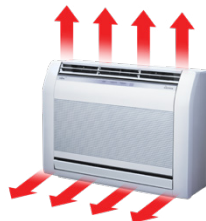


## Why Choose Our Range of Consoles?

Our consoles are available in a range of capacities and styles to suit your space. They are an ideal alternative to a traditional wall mounted heat pump/air conditioner when wall space isn't available. The Dual Console models are very versatile - designed to be installed on the floor or under the ceiling.

### Dual Fans<sup>1</sup>

The twin fan operation gives you complete control to heat or cool your room quickly and efficiently, then switch to the top fan only to maintain your temperature quietly and effortlessly.



### Double Auto Swing<sup>2</sup>

A combination of right/left and up/down directional swing allows 3-dimensional air direction control.

### Heating In Colder Climates

The consoles operate at -15 degrees celsius which means your home will be nice and warm even in the coldest of winters.

## 10°C Heat Mode Operation

10°C heat mode operation prevents the room temperature from dropping below 10°C during the cold winter season.

## Air Quality

Fujitsu's Apple-Catechin filter<sup>3</sup> helps to maintain the air quality through the home. The polypheno ingredient extracted from apples to absorb fine dust, invisible mould spores and harmful microorganisms by static electricity to inhibit and deactivate further growth. Our filters contribute to a fresher and cleaner living environment for you and your family.

## Sensitive Choice Approved

The Apple-Catechin filter in the Compact Floor Console range has been approved by the National Asthma Council Australia's Sensitive Choice programme, giving you peace of mind that our products are asthma and allergy aware.



<sup>1</sup> Only applicable to the Compact Floor Console.

<sup>2</sup> Not applicable to Compact Floor Console.

<sup>3</sup> Only applicable to the Compact Floor Console. This filter is replaceable. Refer to operating manual for details.

# Compact Floor Console

- ✓ 3 models from 3.5kW to 5.2kW heating capacity
- ✓ Powerful operation mode
- ✓ Weekly timer
- ✓ Easy Wi-Fi add-on
- ✓ R32 refrigerant
- ✓ Apple-Catechin and Ion Deodorisation filter contributes to a fresher and cleaner living environment
- ✓ Fast and effective heating even when the outdoor temperature is -15°C

## Indoor unit



Ideal for  
small - medium  
rooms



AGTG09KVCA

2.5kW | 3.5kW  
cooling | heating

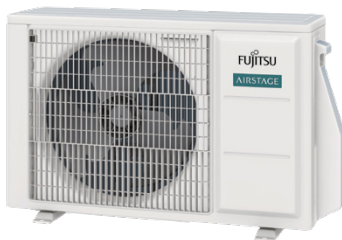
AGTG12KVCA

3.5kW | 4.5kW  
cooling | heating

AGTG14KVCA

4.2kW | 5.2kW  
cooling | heating

## Outdoor units



AOTG09KVCA



AOTG12/14KVCA

## Standard controller

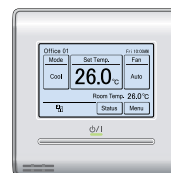


Standard  
Controller  
AR-REM7E

## Available optional controllers



anywAiR<sup>®</sup>  
Technology Wi-Fi  
Adaptor II  
SET-UTY-NXT



LCD  
Touch Panel  
Controller  
UTY-RNRYT5



LCD Simple  
Controller  
with Operation  
mode  
UTY-RSRYT



LCD Simple  
Controller  
without Operation  
mode  
UTY-RHRYT

# Dual Console

- ✓ 2 models from 6.0kW to 8.0kW heating capacity
- ✓ Flexible installation (under ceiling/floor)
- ✓ Economy operation
- ✓ Sleep timer
- ✓ R410A refrigerant
- ✓ Fast and effective heating even when the outdoor temperature is -15°C

## Indoor unit



Ideal for  
medium - large  
rooms



ABTG18LVTA

5.2kW cooling | 6.0kW heating

ABTG24LVTC

7.1kW cooling | 8.0kW heating

## Outdoor units



AOTG18LACC



AOTG24LATC

## Standard controller



Standard  
Controller  
AR-RAH2E

## Available optional controllers



LCD  
Backlit  
Controller  
UTY-RVNYN



Universal  
Wired  
Controller  
UTY-RNNYN



Simple  
Wired  
Controller  
UTY-RSNYN

# Features

## Comfort Functions



### 10°C Heat Operation

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



### Up/Down Swing Louvre

The up/down louvre automatically swings up and down.



### Right/Left Swing Louvre

The right/left louvre swings in either direction.



Double Swing Automatic Complex swing action of the louvres enables them to swing 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

When auto mode is selected for the fan, the micro-processor adjusts the airflow to follow changes in room temperature.



### Auto Restart

Should there be 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 heating and cooling modes based on the temperature setting and room temperature.



### Powerful Mode<sup>1</sup>

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

## Convenience Functions



### 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.



### Filter Sign

Set the interval frequency to be reminded to clean the air filter on your unit.



### On-Off Timer

ON-OFF timer can be set to operate once every 24 hours.



### Weekly Timer<sup>2</sup>

Different ON-OFF timers can be set for up to 7 days.



### Low Noise Mode

The compressor speed and the outdoor unit fan speed are limited to reduce the operational noise.



### Super Quiet Mode

The indoor fan operates at low speed to produce less noise.



## Energy Efficient Functions



### Economy Mode

If economy mode is selected the temperature will adjust by 1°C to allow for a reduction in power drawn from the compressor.

## Protection Feature



### 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.

## Clean Function



### Washable Panel

Dust that accumulates on the air conditioner can be easily cleaned with a damp cloth.



### Apple-Catechin filter<sup>1</sup>

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



### Coil Dry

Runs the indoor fan on ultra low speed to dry the inside of the heat pump. This helps prevent the growth of mould and bacteria.



### Long-Life Ion Deodorisation Filter<sup>1</sup>

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

## Specifications and features

Products in this brochure contain R32 and R410A 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.

<sup>1</sup> Compact Floor Console only. <sup>2</sup> For Dual Console range, requires optional Wired Wall Controller.  
Note: not all features available, please refer to website for more details.

# Product Specifications

## Compact Floor Console

Set Code			SET-AGTG09KVCA	SET-AGTG12KVCA	SET-AGTG14KVCA	
Model No.	Indoor unit		AGTG09KVCA	AGTG12KVCA	AGTG14KVCA	
	Outdoor unit		AOTG09KVCA	AOTG12KVCA	AOTG14KVCA	
Power Source	V / Ph / Hz		230 / 1 / 50			
Capacity	Cooling (Rated (Min - Max))	kW	2.50 (0.9 - 3.5)	3.50 (0.9 - 4.3)	4.20 (0.9 - 5.2)	
	Heating (Rated (Min - Max))	kW	3.50 (0.9 - 5.3)	4.50 (0.9 - 6.1)	5.20 (0.9 - 6.5)	
Input Power	Cooling (Rated (Max))	kW	0.53 (1.32)	0.85 (2.12)	1.1 (2.12)	
	Heating (Rated (Max))	kW	0.82 (1.66)	1.11 (2.15)	1.41 (2.15)	
EER	Cooling	kW / kW	4.70	4.10	3.80	
COP	Heating	kW / kW	4.27	4.05	3.70	
Star Rating	Cooling: Hot/Average/Cold		5.5 / 5 / 5	4.5 / 4 / 4.5	4 / 4 / 4	
	Heating: Hot/Average/Cold		3 / 3 / 2.5	3 / 2.5 / 2	3 / 2.5 / 2	
TCSPF <sup>1</sup>	Residential (Hot/Average/Cold)	kW	7.172 / 6.564 / 6.884	6.373 / 5.898 / 6.224	5.975 / 5.579 / 5.933	
HSPF <sup>2</sup>	Residential (Hot/Average/Cold)	kW	4.95 / 4.511 / 4.03	4.753 / 4.316 / 3.841	4.669 / 4.111 / 3.546	
Running current	Cooling/Heating		amps	3.0 / 4.0	3.8 / 4.8	4.8 / 6.1
Moisture Removal			l/hr	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	High/Quiet	dBA	40 / 22	40 / 22	44 / 22
	Indoor (Heating)	High/Quiet		41 / 22	43 / 22	43 / 22
	Outdoor (Cooling/Heating)	High		43 / 47	44 / 49	47 / 50
Sound Power Level	Outdoor	High		58	58	62
Air Circulation	Indoor (Cooling)	High Fan	l/sec	158	158	181
	Indoor (Heating)	High Fan		167	181	181
Dimensions H x W x D	Indoor		mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
	Outdoor			542 x 799 x 290	632 x 799 x 290	632 x 799 x 290
Net Weight	Indoor		kg	14.00	14.00	14.00
	Outdoor			31.00	38.00	38.00
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Pipe Length (Max (Precharged))			m	20 (15)	20 (15)	20 (15)
Max Height Difference			m	15	15	15
Operation Range	Outdoor (Min - Max)	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
		Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type			R32	R32	R32
	Charge		kg	0.85	0.94	0.94

<sup>1</sup> Total Cooling Seasonal Performance Factor

<sup>2</sup> Heating Seasonal Performance Factor

## Dual Console

Set Code			SET-ABTG18LVTA	SET-ABTG24LVTC
Model No.	Indoor unit		ABTG18LVTA	ABTG24LVTC
	Outdoor unit		AOTG18LACC	AOTG24LATC
Power Source	V / Ph / Hz		230 / 1 / 50	
Capacity	Cooling (Rated (Min - Max))	kW	5.20 (0.9 - 5.9)	7.10 (2.9 - 8.0)
	Heating (Rated (Min - Max))	kW	6.00 (0.9 - 7.5)	8.00 (2.2 - 9.1)
Input Power	Cooling (Rated (Max))	kW	1.51 (1.82)	2.14 (2.40)
	Heating (Rated (Max))	kW	1.66 (2.35)	2.21 (2.65)
EER	Cooling	kW / kW	3.44	3.32
COP	Heating	kW / kW	3.61	3.61
Star Rating	Cooling: Hot/Average/Cold		2.5 / 2.5 / 2.5	2.0 / 2.0 / 2.0
	Heating: Hot/Average/Cold		2.5 / 2.0 / 1.5	2.5 / 2.0 / 1.5
TCSPP <sup>1</sup>	Residential (Hot/Average/Cold)	kW	4.480 / 4.075 / 4.159	3.863 / 3.564 / 3.599
HSPF <sup>2</sup>	Residential (Hot/Average/Cold)	kW	4.437 / 3.903 / 3.356	4.472 / 3.827 / 3.237
Running current	Cooling/Heating		6.4 / 7.0	9.0 / 9.3
Moisture Removal		l/hr	2.0	2.7
Sound Pressure Level	Indoor (Cooling) <sup>3</sup>	High/Quiet	dBA	44 / 32
	Indoor (Heating) <sup>3</sup>	High/Quiet		44 / 32
	Outdoor (Cooling/Heating)	High		55 / 56
Sound Power Level	Outdoor	High		71
Air Circulation	Indoor (Cooling)	High Fan	l/sec	217
	Indoor (Heating)	High Fan		217
Dimensions H x W x D	Indoor		mm	199 x 990 x 655
	Outdoor			620 x 790 x 290
Net Weight	Indoor		kg	27.00
	Outdoor			41.00
Connection Pipe Diameter (Liquid/Gas)		mm	6.35 / 12.7	6.35 / 15.88
Pipe Length (Max (Precharged))		m	30 (15)	30 (20)
Max Height Difference		m	20	30
Operation Range	Outdoor (Min - Max)	Cooling	°CDB	-10 to 46
		Heating		-15 to 24
Refrigerant	Type		R410A	R410A
	Charge		kg	1.65

<sup>1</sup> Total Cooling Seasonal Performance Factor

<sup>2</sup> Heating Seasonal Performance Factor

<sup>3</sup> Floor Console configuration

NEW ZEALAND'S FAVOURITE AIR®

| FUJITSU

FUJITSU GENERAL NEW ZEALAND  
A SUBSIDIARY OF FUJITSU GENERAL LIMITED

**fujitsugeneral.co.nz**  
**04 568 876**  
**contact@fujitsugeneral.co.nz**

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

FGNZCONSOLE11/23

# AIRSTAGE