## **AIRSTAGE**



# **Ducted Range**

Whole Home Systems





#### 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**

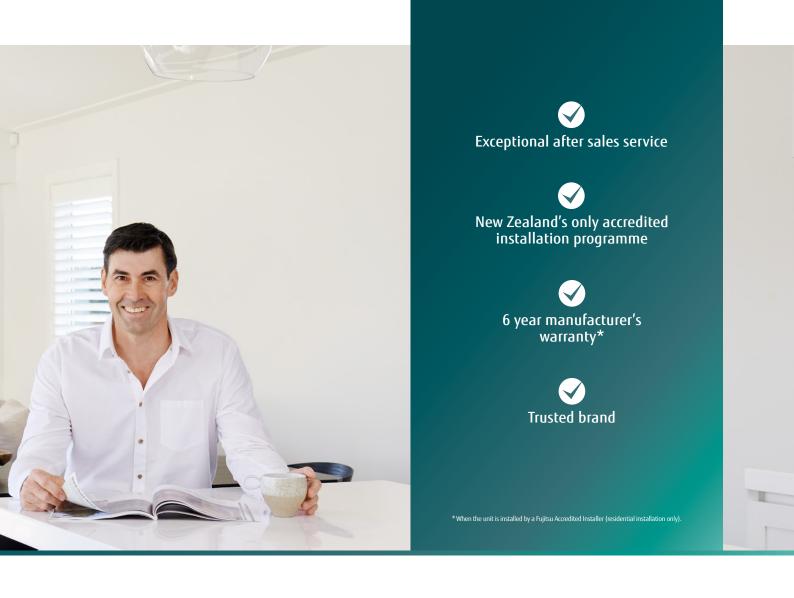
Fujitsu General believes in the quality and reliability of every product we sell.
Our 6 year parts and labour warranty applies to residential applications when installed by a Fujitsu Accredited Installer. A standard 5 year warranty applies otherwise.



Please visit www.fujitsugeneral.co.nz/warranty 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.



#### **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



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.

#### 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.

#### **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.





# Ducted Range



Whole home solutions from small to large homes including apartments and townhouses

### What Is Ducted Heat Pump/Air Conditioning and How Does It Work?

Ducted heat pump/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 located in the ceiling, 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 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 wall controller.

All Fujitsu ducted heat pumps/air conditioners are reverse cycle, meaning you can come home to comfort, all year round.

#### What Is Zone Control?

Ducted heat pump/air conditioning allows for the home to be divided into separate areas, or 'zones'. Zoning will allow you to have greater control over the airflow around the home and provides flexibility to use your system to suit your living arrangements and lifestyle.

Depending on the system, you can select which zones are on or off, or with advanced controllers select different temperatures for specific zones at the same time. This can improve energy efficiency and deliver superior comfort.



#### **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.

# anywAiR® Technology Ducted Controller

#### Control your air from anywhere.





#### Temperature Controlled VAV<sup>2</sup>

Control temperature and air flow in up to 10 zones



#### Create up to 12 scenarios

Program scenes through custom settings

0-100%

#### Variable Air Volume (VAV)<sup>3</sup>

Select the percentage of air flow for each zone



#### Timers

Turn the unit on/off after a set time



#### **AC Control**

On/Off, fan speed, set point and mode

#### Wi-Fi Control For Fujitsu Ducted Heat Pumps/Air Conditioners

The Fujitsu General anywAiR® technology ducted controller provides Wi-Fi control for Fujitsu ducted heat pump/air conditioning systems via a wall mounted touch pad. Remote access is available using the anywAiR® App', giving control of your ducted system anytime, anywhere with selected smartphone and tablet devices.

#### **Easy To Use Touch Pad**

Mounted portrait or landscape to the wall by a Fujitsu Installer, the anywAiR® technology ducted controller is simple to set-up using a Google Play Store account. The touch pad is the central point from which to operate the system and can be used to manage a variety of Android apps such as weather, recipes, music and other home automation apps.

#### Wi-Fi Control Of Up To 10 Zones

The new technology enables you to run your ducted system efficiently and easily, by controlling the airflow and temperature of up to 10 different zones within your home.









#### Variable Air Volume (VAV)

Variable Air Volume (VAV) control allows the user to select the percentage of air flow for each zone from 0 to 100 percent, in 5 percent increments. This gives you greater control of air flow to each zone to better meet your comfort needs.

#### Temperature Controlled VAV<sup>2</sup>

Temperature Controlled VAV is available to zones which have the the optional temperature sensors installed. This feature allows the user to choose the desired temperature for a zone and the system will automatically adjust the air flow to assist in maintaining each zone's desired temperature.

#### **Programmable Scenarios**

Create up to 12 custom scenes to run a series of commands at the touch of a button or at a chosen time. Commands can include turning the unit on and off, changing the mode or temperature, and selecting which zones are open. Scenarios such as going to work, coming home or bedtime can be easily programmed to control the air flow and temperature to rooms required at set times.

#### Mounting

Your anywAiR® touch pad is permanently attached to your wall with the ability to pivot between portrait and landscape modes so that you can enjoy all your apps in the orientation that



The anywAiR® App is only compatible with a selected range of Fujitsu General ducted systems when the optional anywAiR® technology Wi-Fi ducted controller is installed. It is not a standard inclusion when purchasing a Fujitsu ducted system and must be installed by a Fujitsu Installer. Pequires optional individual room sensors to be installed. VAV control is achieved by adjusting the opposed blade damper to control the airflow. The airflow fan setting (high/med/low/auto) of the system works independently to this function. Copyright© 2021 Fujitsu General New Zealand. All rights reserved. Actual products' colours may be different from the colours shown in this printed material. UTY-ANY1. App Store is a service mark of Apple Inc. ©2021 Google LLC All rights reserved. Google Play and the Google Play logo are trademarks of Google LLC. Other trademarks and tradenames are acknowledged to be the copyright of their respective holders.



#### SleepEconomiser

The SleepEconomiser feature will automatically adjust your heat pump/air conditioner from COOL to FAN mode overnight from 10pm to 6am. It will then adjust itself back. This mode will help save energy during hot summer nights and help reduce noise for sleeping neighbours.

#### **AutoFan**

Allows the zone controller to automatically adjust the unit fan speed based on the current number of open zones.

#### MainTemp

Acts as an automated MainZone. MainTemp will automatically select the zone with the greatest difference between actual and desired temperatures. Once this zone is selected and the desired temperature is reached, a new room will be selected and the process repeated. For example, if your living room is currently 30°C and your desired temperature is 21°C then the MainTemp will focus on this room until the desired temperature is reached before focusing on another room or zone.

#### **AutoMode**

Taking MainTemp to the next level, AutoMode gives you full temperature automation. This feature not only selects a zone as MainZone, it will also change the mode of air conditioning between cooling and heating in order to reach and maintain the desired temperature.

## Download the free app to control your air from anywhere

- 1. Download the anywAiR® App from the App store or Google Play
- 2. Follow the App configuration steps
- 3. Once set up, the anywAiR® App interacts with the anywAiR® technology ducted controller to remotely control your ducted system.







# Bulkhead

- A single-room solution
- Suitable for townhouses and apartments
- Quiet and efficient

- Intuitive control
- R32 refrigerant
- Compact design to allow for flexible installation in the best available space

#### **Indoor units**



ARTH09KSLAP

2.5kW | 3.2kW heating

ARTH12KSLAP

3.5kW | 4.0kW heating



ARTH18KSLAP

5.0kW | 6.0kW heating



ARTH09KLLAP

2.5kW 3.2kW

ARTH12KLLAP

3.5kW | 4.0kW heating



ARTH18KLLAP

5.0kW | 6.0kW heating



#### **Outdoor units**



AOTH09/12KBTA



#### Standard controller



LCD Touch Panel Controller UTY-RNRT

#### **Available optional controllers**



anywAiR<sup>®</sup> technology Wi-Fi adaptor <sub>UTY-FGAN1</sub>



LCD Touch Panel Controller UTY-RNRYTS



LCD Simple Controller with Operation mode uty-rsryt



LCD Simple Controller without Operation mode uty-rhryt

# Mid Static Slimline

- Suitable for apartments and smaller homes typically up to 4 bedrooms
- Compatible with the optional Wi-Fi anywAiR® technology ducted controller
- R32 refrigerant

- High performance model availablelarger outdoor unit and more energy efficient
- Compact design to allow for flexible installation in the ceiling
- Zone system compatible

#### **Indoor units**



#### Standard

ARTH18KMTAP

5.0kW

ARTH24KMTAP

6.0kW

7.1kW 8.0kW heating

#### High performance

ARTH24KMTAP-HP

7.1kW 8.0kW heating



#### ARTH30KMTAP

8.5kW | 10.0kW heating

ARTH36KMTAP

10.0kW | 11.2kW heating

ARTH45KMTAP

12.5kW | 14.0kW heating

ARTH54KMTAP

13.0kW | 15.0kW heating

ARTH30KMTAP-HP

8.5kW | 10.0kW heating



#### **Outdoor units**



#### Standard controller



LCD Touch Panel Controller UTY-RNRT

#### **Available optional controllers**



anywAiR<sup>®</sup> technology ducted controller <sub>UTY-ANY1</sub>



anywAiR<sup>®</sup> technology Wi-Fi adaptor <sub>UTY-FGAN1</sub>



LCD Touch Panel Controller UTY-RNRYT5



LCD Simple Controller with Operation mode uty-RSRYT



LCD Simple Controller without Operation mode uty-rhryt

# High Static Single Phase & Three Phase R32

- Suitable for larger homes, typically up to 4 bedrooms
- Compatible with the optional Wi-Fi anywAiR® technology ducted controller
- 5 High Static Single Phase High Performance models available from 8.5kW to 16kW for improved energy efficiency
- Zone system compatible

- R32 refrigerant
- Compact indoor design to allow for easy installation
- Only 500mm of clearance space required in front of the outdoor unit. Suitable for narrow spaces

#### Indoor units



#### Standard

#### ARTH24KHTA

7.1kW 8.0kW heating

#### ARTH30KHTA

8.5kW | 10.0kW heating

#### ARTH36KHTA

10.0kW | 11.2kW heating

#### High performance

#### 3 phase

ARTH30KHTA-HP

8.5kW | 10.0kW heating

ARTH36KHTA-HP

10.0kW | 12.5kW heating

#### ARTH36KHTA-3PH

10.0kW | 11.2kW heating



#### ARTH45KHTA

12.5kW | 14.0kW heating

#### ARTH54KHTA

14.0kW | 15.5kW heating

#### ARTH60KHTA

15.5kW | 18.0kW

#### ARTH45KHTA-HP

12.5kW | 15.0kW heating

#### ARTH54KHTA-HP

14.0kW | 16.5kW heating

#### ARTH60KHTB

16.0kW | 18.0kW heating

#### ARTH45KHTA-3PH

12.5kW | 14.0kW

#### ARTH54KHTA-3PH

14.0kW | 15.5kW cooling heating

#### ARTH60KHTA-3PH

15.5kW | 18.0kW heating



#### **Outdoor units**









Standard	AOTH24KBTA	AOTH30/36KBTA	AOTH45/54KBTA	AOTH60KBTA
High performance			AOTH30/36KCTA	AOTH45/54/60KCTA
3 phase		AOTH36KRTA	AOTH45/54KRTA	AOTH60KRTA

#### **Standard controller**



LCD Touch Panel Controller UTY-RNRT

#### **Available optional controllers**



anywAiR<sup>®</sup> technology ducted controller <sup>UTY-ANY1</sup>



anywAiR<sup>®</sup> technology Wi-Fi adaptor <sup>UTY-FGAN1</sup>



LCD Touch Panel Controller UTY-RNRYTS



LCD Simple Controller with Operation mode uty-rsryt



LCD Simple Controller without Operation mode uty-rhryt

# High Static Three Phase R410A

- Suitable for larger homes, typically up to 5 bedrooms
- Compatible with the optional Wi-Fi anywAiR® technology ducted controller
- Indoor unit can be separated to enable easy in-roof installation
- R410A refrigerant

- Allows for an increased number of air ducts to be installed
- Optional truss transition kit (UTD-TJKA) available where ceiling cavity space may be limited1

#### **Indoor units**



ARTG65LHTA

15.0kW | 18.0kW



ARTC72LATU

20.3kW

22.6kW



ARTC90LATU

25.0kW

28.0kW



#### **Outdoor units**



AOTG65LRLA



AOTA72/90LALT

#### Standard controller



LCD Touch Panel Controller UTY-RVNYN

#### **Available optional controllers**



anywAiR<sup>®</sup> technology ducted controller <sub>UTY-ANY1</sub>



anywAiR<sup>®</sup> technology Wi-Fi adaptor <sup>UTY-FGAN1</sup>



LCD Touch Panel Controller<sup>1</sup> UTY-RNRYTS



LCD Simple Controller with Operation mode uty-RSRYT



LCD Simple Controller without Operation mode UTY-RHRYT



¹Applicable to ARTG65LHTA model.

# Feature Checklist

		ARTH09KSLAP	ARTH09KLLAP	arth12KSLap	arth12kllap	arth18KSLAP	ARTH18KLLAP	arth18kmtap	ARTH24KMTAP	ARTH30KMTAP	arth36kmtap	ARTH45KMTAP	ARTH54KMTAP
		ΙΑ	A		lhead	A	A	A		₹ Mid Statio		A	Æ
Auto Changeover	Automatically switches between operating modes based on the temperature setting and room temperature	•	•	•	•	•	•	•	•	•	•	•	•
Auto Restart	The unit will automatically restart in the same operating mode after a temporary loss of power	<b>Ø</b>		<b>Ø</b>									
Automatic Airflow Adjustment	The micro-processor automatically adjusts air flow to follow changes in room temperature	♦	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	♦		✓		♦	
Automatic Static Pressure Setting Adjustment	The unit will automatically set the optimal static pressure setting							<b>Ø</b>					
Blue Fin Heat Exchanger	Corrosion-resistance has been improved by blue fin treatment of the outdoor unit heat exchanger	•	•	<b>Ø</b>	<b>Ø</b>	•	•	•	<b>Ø</b>	•	<b>Ø</b>	•	<b>Ø</b>
Connectable Distributing Duct	Systems are capable of attaching field-supplied branch ducts distributing the airflow	<b>Ø</b>											
Connectable Fresh Air Duct	Systems are capable of attaching field-supplied branch ducts to bring fresh air in												
Economy Mode	The temperature will adjust by 1°C to allow for a reduction in power drawn from the compressor to help save energy	•	•	•	<b>Ø</b>	<b>Ø</b>	•	•	•	•	<b>Ø</b>	•	<b>Ø</b>
Error Code Display	Shown on the wired remote controller display or the indictor lamps on the indoor receiver unit	•	•	•	<b>Ø</b>	•	•	•	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	•	<b>Ø</b>
Filter Sign	Set the interval frequency to be reminded to clean the air filter on your unit	<b>Ø</b>	❖			<b>Ø</b>	<b>②</b>	✓		✓			
In-Built Drain Pump	The drain pump is in-built into the system							<b>Ø</b>					
Long Piping Capability 75m	Equipped with a maximum pipe length of 75m												
On-Off Timer	Can be set to operate once every 24 hours	<b>Ø</b>											
Operating Temperature Range 50°C	The maximum guaranteed operating temperature range is 50 degrees in cooling mode							<b>Ø</b>	•	•	<b>Ø</b>	•	•
Program Timer	Allows selection of one of four options. ON, OFF, ON>OFF, or OFF>ON							<b>Ø</b>					
Weekly + Setback Timer	Can set temperature for two time spans and for each day of the week	<b>Ø</b>		<b>Ø</b>	❖	<b>Ø</b>	<b>Ø</b>						
Weekly Timer	Different on-off timers can be set for up to 7 days							<b>Ø</b>		<b>Ø</b>		<b>Ø</b>	
Zone Control	Air condition selected zones within the indoor space							<b>Ø</b>		<b>Ø</b>	❖	<b>Ø</b>	

ARTH24KMTAP-HP	ARTH30KMTAP-HP	ARTH24KHTA	ARTH30KHTA	ARTH36KHTA	ARTH45KHTA	ARTH54KHTA	АКТН6ОКНТА	АRTH30КНТА-НР	АRТН36КНТА-НР	АКТН45КНТА-НР	АRТН54КНТА-НР	ARTH60KHTB	ART36KHTA-3PH	ART45KHTA-3PH	ART54KHTA-3PH	АRТ60КНТА-3РН	ARTG65LHTA	ARTC72LATU	ARTC90LATU
Mid S Slimlin			Н	ligh Static	Single Ph	ase		ı	High Stati	c Single P	hase (HP)		High	static Thr	ee Phase (	R32)	High Stati	Three Phas	se (R410A)
•	<b>Ø</b>	•	•	•	•	•	•	•	<b>Ø</b>	•	•	•					•	•	•
<b>②</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>②</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>		<b>Ø</b>	<b>Ø</b>	<b>Ø</b>							<b>Ø</b>
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	<b>⊘</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	•	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	•	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	
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<b>Ø</b>		<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	•	<b>Ø</b>	•	<b>Ø</b>		<b>Ø</b>	•	<b>Ø</b>		<b>Ø</b>	<b>⊘</b>	•	•	•	<b>⊘</b>
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<b>⊘</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>Ø</b>	<b>②</b>
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# **Product Specifications**

#### **Bulkhead R32**

Set Code				SET-ARTH09KSLAP	SET-ARTH12KSLAP	SET-ARTH18KSLAP
		ndoor unit		ARTH09KSLAP	ARTH12KSLAP	ARTH18KSLAP
Model No.	0ι	ıtdoor unit		AOTH09KBTA	AOTH12KBTA	AOTH18KBTA
Power Source	,	V / Ph / Hz			230/1/50	
	Cooling (Rated	(Min - Max))	kW	2.50 (0.9 - 3.6)	3.50 (0.9 - 4.1)	5.00 (0.9 - 5.9)
Capacity	Heating (Rated	(Min - Max))	kW	3.20 (0.9 - 4.5)	4.00 (0.9 - 5.1)	6.00 (0.9 - 7.1)
	Cooling (Rat	ed (Max))	kW	0.64 (1.15)	0.98 (1.41)	1.48 (1.95)
Input Power	Heating (Rat	ed (Max))	kW	0.80 (1.5)	1.1 (1.97)	1.73 (2.58)
EER	Cooli	ng	kW / kW	3.91	3.57	3.38
СОР	Heati	ng	kW / kW	4.00	3.64	3.47
	Cooling:	Hot/Average/Co	ld	3/2.5/3	3/2.5/2.5	3/2.5/2.5
Star Rating	Heating:	: Hot/Average/Co	ld	2.5 / 2.5 / 2	2.5/2/1.5	2.5 / 2 / 1.5
TCSPF1	Residential (Hot/	'Average/Cold)	kW	4.999 / 4.49 / 4.551	4.645 / 4.269 / 4.374	4.584 / 4.264 / 4.418
HSPF <sup>2</sup>	Residential (Hot/	'Average/Cold)	kW	4.339 / 4.053 / 3.736	4.371 / 3.934 / 3.492	4.43 / 3.86 / 3.319
Running current	Cooling/H	leating	amps	3.2 / 4.1	4.6 / 5.1	6.3 / 7.3
Moisture Remov	val		I/hr	0.5	1.5	2
	Indoor (Cooling)	High/Quiet		29 / 23	31/23	33 / 23
Sound Pressure Level	Indoor (Heating)	High/Quiet		29 / 23	31/23	33 / 23
Levei	Outdoor (Cooling/Heating)	High	dBA	41 / 46	47 / 48	48 / 49
Sound Power Level	Outdoor	High		59	61	62
Static Pressure Range	Min - N	Лах	PA	-	-	-
	Indoor (Cooling)	High Fan		167	181	261
Air Circulation	Indoor (Heating)	High Fan	l/sec	167	181	261
Dimensions	Indo	or		198 x 700 x 450	198 x 700 x 450	198 x 900 x 450
HxWxD	Outdo	oor	mm	542 x 799 x 290	542 x 799 x 290	632 x 799 x 290
	Indo	or		15.50	15.50	18.50
Net Weight	Outdo	oor	- kg	32.00	32.00	36.00
Connection Pipe	Diameter (Liquid/G	as)	mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70
Pipe Length (Ma	Max (Precharged))		m	20 (15)	20 (15)	30 (20)
Max Height Diffe	<del>-</del>		m	15	15	20
Operation	Outdoor	Cooling	9000	-10 to 46	-10 to 46	-10 to 46
Range	(Min - Max)	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
Defice		Туре		R32	R32	R32
Refrigerant	Cha	rge	kg	850	850	1,020

<sup>&</sup>lt;sup>1</sup> Total Cooling Seasonal Performance Factor <sup>2</sup> Heating Seasonal Performance Factor

### **Bulkhead R32**

Set Code				SET-ARTH09KLLAP	SET-ARTH12KLLAP	SET-ARTH18KLLAP
	In	door unit		ARTH09KLLAP	ARTH12KLLAP	ARTH18KLLAP
Model No.	Ou	ıtdoor unit		AOTH09KBTA	AOTH12KBTA	AOTH18KBTA
Power Source	,	/ / Ph / Hz			230/1/50	
	Cooling (Rated	(Min - Max))	kW	2.50 (0.9 - 3.6)	3.50 (0.9 - 4.1)	5.00 (0.9 - 5.9)
Capacity	Heating (Rated	(Min - Max))	kW	3.20 (0.9 - 4.8)	4.00 (0.9 - 5.5)	6.00 (0.9 - 7.5)
	Cooling (Rate	ed (Max))	kW	0.61 (1.11)	0.93 (1.33)	1.38 (2.00)
Input Power	Heating (Rat	ed (Max))	kW	0.77 (1.48)	1.05 (1.87)	1.60 (2.39)
EER	Cooli	ng	kW / kW	4.10	3.76	3.62
СОР	Heati	ng	kW / kW	4.16	3.81	3.75
Char Datie	Cooling:	Hot/Average/Co	d	3.5/3/3	3/2.5/2.5	3/3/3
Star Rating	Heating:	Hot/Average/Co	ld	3/2.5/2	3/2.5/2	3/2.5/2
TCSPF1	Residential (Hot/	Average/Cold)	kW	5.08 / 4.535 / 4.567	4.808 / 4.397 / 4.485	4.868 / 4.508 / 4.656
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.606 / 4.27 / 3.9	4.589 / 4.116 / 3.618	4.661 / 4.105 / 3.536
Running current	Cooling/H	eating	amps	3.1 / 4	4.4/5	5.9 / 6.8
Moisture Remov	val		l/hr	0.7	1.3	2
	Indoor (Cooling)	High/Quiet		28 / 25	29 / 26	32 / 27
Sound Pressure Level	Indoor (Heating)	High/Quiet	IDA	28 / 24	29 / 24	32 / 27
Levei	Outdoor (Cooling/Heating)	High	dBA	41 / 46	47 / 48	48 / 49
Sound Power Level	Outdoor	High		59	61	62
Static Pressure Range	Min - N	lax	PA	-	-	-
	Indoor (Cooling)	High Fan	.,	167	181	261
Air Circulation	Indoor (Heating)	High Fan	l/sec	167	181	261
Dimensions	Indo	or		198 x 700 x 620	198 x 700 x 620	198 x 900 x 620
HxWxD	Outdo	юг	mm	542 x 799 x 290	542 x 799 x 290	632 x 799 x 290
	Indo	or		17.00	17.00	20.00
Net Weight	Outdo	юг	kg	32.00	32.00	36.00
Connection Pipe	Diameter (Liquid/G	as)	mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70
Pipe Length (Ma	ax (Precharged))		m	20 (15)	20 (15)	30 (20)
Max Height Diffe	erence		m	15	15	20
Operation	Outdoor	Cooling	0500	-10 to 46	-10 to 46	-10 to 46
Range	(Min - Max)	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
		Туре		R32	R32	R32
Refrigerant	Cha	rge	kg	850	850	1,020

# **Product Specifications**

### Mid Static Slimline R32

Set Code				SET-ARTH18KMTAP	SET-ARTH24KMTAP	SET-ARTH30KMTAP	SET-ARTH36KMTAP	SET-ARTH45KMTAP	SET-ARTH54KMTAP
	Ir	door unit		ARTH18KMTAP	ARTH24KMTAP	ARTH30KMTAP	ARTH36KMTAP	ARTH45KMTAP	ARTH54KMTAP
Model No.	0ι	ıtdoor unit		AOTH18KBTA	AOTH24KBTA	AOTH30KBTA	AOTH36KBTA	AOTH45KBTA	AOTH54KBTA
Power Source	,	/ / Ph / Hz				230/	1/50	ı	
	Cooling (Rated	(Min - Max))	kW	5.00 (0.9 - 6.4)	7.10 (1.8 - 8.1)	8.50 (2.8 - 10.3)	10.00 (2.8 - 11.4)	12.50 (4.0 - 14.0)	13.00 (4.5 - 15.0)
Capacity	Heating (Rated	(Min - Max))	kW	6.00 (0.9 - 7.8)	8.00 (2.0 - 9.1)	10.00 (2.7 - 11.3)	11.20 (2.7 - 14.0)	14.00 (4.2 - 16.5)	15.00 (4.7 - 18.0)
	Cooling (Rat	ed (Max))	kW	1.37 (1.95)	2.15 (2.92)	2.6 (4.28)	3.23 (4.3)	4.0 (5.18)	4.31 (5.19)
Input Power	Heating (Rat	ed (Max))	kW	1.58 (2.39)	2.19 (2.67)	2.62 (4.44)	3.3 (4.5)	4.0 (5.22)	4.45 (5.23)
EER	Cooli	ng	kW / kW	3.65	3.30	3.55	3.19	3.13	3.02
СОР	Heati	ng	kW / kW	3.80	3.65	4.12	3.73	3.50	3.37
	Cooling:	Hot/Average/Co	ld	3/2.5/2	3/2/1.5	2.5 / 2.5 / 2.5	2.5 / 2.5 / 2.5	3/2/1.5	2.5/2/1.5
Star Rating	Heating:	Hot/Average/Co	ld	3.5/3/3	3/2.5/2.5	3/2.5/2	3/2/1.5	2.5 / 2.5 / 3	2.5 / 2.5 / 2.5
TCSPF1	Residential (Hot/	Average/Cold)	kW	5.012 / 4.663 / 4.844	4.558/4.294/4.484	4.781 / 4.91 / 5.264	4.338 / 4.141 / 4.359	4.462 / 4.265 / 4.509	4.354 / 4.163 / 4.412
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.74 / 4.182 / 3.616	4.694 / 3.996 / 3.375	5.036 / 4.472 / 3.899	4.568 / 3.815 / 3.201	4.512 / 3.881 / 3.295	4.371 / 3.688 / 3.113
Running current	Cooling/H	eating	amps	5.9 / 6.8	9.1 / 9.2	11.0 / 11.2	13.6 / 13.9	16.8 / 16.8	18.1 / 18.7
Moisture Remov	val		I/hr	1.3	1.7	1.6	2.9	4.5	5.0
	Indoor (Cooling)	High/Quiet		33 / 23	38 / 27	38 / 28	38 / 27	40 / 29	40 / 29
Sound Pressure Level	Indoor (Heating)	High/Quiet	104	33 / 23	38 / 27	38 / 28	38 / 27	40 / 29	40 / 29
Levei	Outdoor (Cooling/Heating)	High	dBA	48 / 49	48 / 50	51 / 53	53 / 53	55 / 57	55 / 57
Sound Power Level	Outdoor	High		62	68	69	70	71	72
Static Pressure Range	Min - N	lax	PA	50 - 150	50 - 150	50 - 150	50 - 150	50 - 150	50 - 150
Air Circulation	Indoor (Cooling)	High Fan	1/	300	416	541	575	600	600
All Cilculation	Indoor (Heating)	High Fan	l/sec	300	416	541	575	600	600
Dimensions	Indo	Or		240 x 1000 x 700	240 x 1000 x 700	240 x 1400 x 700			
HxWxD	Outdo	oor	mm	632 x 799 x 290	716 x 820 x 315	788 x 940 x 320	788 x 940 x 320	998 x 940 x 320	998 x 940 x 320
Not Weight	Indo	or	l.a	31.00	31.00	42.00	42.00	42.00	42.00
Net Weight	Outdo	оог	- kg	36.00	36.00	52.00	52.00	67.00	67.00
Connection Pipe	Diameter (Liquid/G	as)	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Pipe Length (Ma	ax (Precharged))		m	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)
Max Height Diffe	erence		m	20	25	30	30	30	30
Operation	Outdoor	Cooling	°CDB	-10 to 50					
Range	(Min - Max)	Heating	CDR	-15 to 24					
Dofrigorest		Туре		R32	R32	R32	R32	R32	R32
Refrigerant	Cha	rge	kg	1,020	1,250	1,900	1,900	2,700	2,700

<sup>&</sup>lt;sup>1</sup> Total Cooling Seasonal Performance Factor <sup>2</sup> Heating Seasonal Performance Factor



### Mid Static Slimline R32 (HP)

Set Code				SET-ARTH24KMTAP-HP	SET-ARTH30KMTAP-HP				
NA - J - I N	In	door unit		ARTH24KMTAP-HP	ARTH30KMTAP-HP				
Model No.	0u	tdoor unit		AOTH24KCTA	AOTH30KCTA				
Power Source	,	/ / Ph / Hz		230/	1/50				
Connection	Cooling (Rated	(Min - Max))	kW	7.10 (3.3 - 8.5)	8.50 (4.1 - 10.5)				
Capacity	Heating (Rated	(Min - Max))	kW	8.00 (3.6 - 10.5)	10.00 (4.2 - 11.5)				
In a st Day of	Cooling (Rate	ed (Max))	kW	1.85 (2.72)	2.6 (3.38)				
Input Power	Heating (Rat	ed (Max))	kW	1.93 (2.89)	2.47 (3.12)				
EER	Cooli	ng	kW / kW	3.84	3.76				
СОР	Heati	ng	kW / kW	4.15	4.05				
C. D.:	Cooling:	Hot/Average/Col	d	3/2.5/2.5	3.5/2.5/2				
Star Rating	Heating:	Hot/Average/Co	ld	3/2.5/3	3/3/3				
TCSPF1	Residential (Hot/	Average/Cold)	kW	4.712 / 4.474 / 4.598	4.8 / 4.569 / 4.727				
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.962 / 4.491 / 4.043	5.036 / 4.472 / 3.899				
Running current	Cooling/H	eating	amps	8.0 / 8.4	9.6 / 10.5				
Moisture Remov	oisture Removal		l/hr	1.7	1.6				
	Indoor (Cooling)	High/Quiet		38 / 27	38 / 28				
Sound Pressure Level	Indoor (Heating)	High/Quiet	lD4	38 / 27	38 / 28				
Level	Outdoor (Cooling/Heating)	High	dBA	48 / 50	51 / 53				
Sound Power Level	Outdoor	High		67	69				
Static Pressure Range	Min - N	lax	PA	50 - 150	50 - 150				
Air Circulation	Indoor (Cooling)	High Fan	l/ene	416	541				
Air Circulation	Indoor (Heating)	High Fan	l/sec	416	541				
Dimensions	Indoor			240 x 1000 x 700	240 x 1400 x 700				
HxWxD	Outdoor		Outdoor		Outdoor		mm	988 x 940 x 320	988 x 940 x 320
Not Woight	Indo	or	lia	31.00	42.00				
Net Weight	Outdo	or	kg	63.00	64.00				
Connection Pipe	Diameter (Liquid/G	as)	mm	6.35 / 12.7	9.52 / 15.88				
Pipe Length (Ma	ax (Precharged))		m	75 (30)	75 (30)				
Max Height Diffe	x Height Difference		m	30	30				
Operation	Outdoor	Cooling	%CDD	-10 to 50	-10 to 50				
Range	(Min - Max)	Heating	°CDB	-15 to 24	-15 to 24				
Definent		Туре		R32	R32				
Refrigerant	Cha	rge	kg	1,800	2,100				

# **Product Specifications**

### High Static Single Phase R32

Set Code				SET-ARTH24KHTA	SET-ARTH30KHTA	SET-ARTH36KHTA	SET-ARTH45KHTA	SET-ARTH54KHTA	SET-ARTH60KHTA
		ndoor unit		ARTH24KHTA	ARTH30KHTA	ARTH36KHTA	ARTH45KHTA	ARTH54KHTA	ARTH60KHTA
Model No.	0ι	ıtdoor unit		AOTH24KBTA	AOTH30KBTA	AOTH36KBTA	AOTH45KBTA	AOTH54KBTA	AOTH60KBTA
Power Source	,	V / Ph / Hz				230/	1/50		'
	Cooling (Rated	(Min - Max))	kW	7.10 (1.8 - 8.1)	8.50 (2.8 - 10.3)	10.00 (2.8 - 11.4)	12.50 (4.0 - 14.0)	14.00 (4.5 - 15.0)	15.50 (5.0 - 16.5)
Capacity	Heating (Rated	(Min - Max))	kW	8.00 (2.0 - 9.1)	10.00 (2.7 - 11.3)	11.20 (2.7 - 14.0)	14.00 (4.2 - 16.5)	15.50 (4.7 - 18.0)	18.00 (5.1 - 19.0)
	Cooling (Rat	ed (Max))	kW	2.14 (2.53)	2.35 (3.47)	3.08 (4.01)	3.80 (5.16)	4.64 (5.17)	4.94 (6.02)
Input Power	Heating (Rat	ed (Max))	kW	2.05 (2.45)	2.35 (4.12)	2.8 (4.21)	3.42 (5.22)	4.40 (5.23)	4.89 (6.74)
EER	Cooli	ng	kW / kW	3.32	3.62	3.25	3.29	3.02	3.14
СОР	Heati	ng	kW / kW	3.90	4.26	4.00	4.09	3.52	3.68
	Cooling:	Hot/Average/Col	d	3/3/3	3/2.5/3	3/2.5/3	3/2.5/3	2.5 / 2.5 / 2.5	2.5 / 2.5 / 2.5
Star Rating	Heating:	Hot/Average/Co	ld	3 / 2.5 / 1.5	3/2.5/2	3/2.5/1.5	3/2.5/2	3/2/1.5	2.5 / 2 / 1.5
TCSPF1	Residential (Hot/	Average/Cold)	kW	4.912 / 4.611 / 4.875	4.695 / 4.469 / 4.637	4.642 / 4.426 / 4.675	4.612 / 4.403 / 4.635	4.339 / 4.147 / 4.39	4.378 / 4.193 / 4.416
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.825 / 4.11 / 3.444	4.61 / 4.211 / 3.654	4.72 / 4.073 / 3.429	4.766 / 4.208 / 3.574	4.691 / 3.937 / 3.306	4.487 / 3.885 / 3.31
Running current	Cooling/H	leating	amps	9.4 / 9.0	10.4 / 10.4	13.6 / 12.3	16.7 / 15.0	20.4 / 19.3	21.7 / 21.4
Moisture Remo	val		l/hr	0.5	0.1	1.4	0.9	1.6	2.8
	Indoor (Cooling)	High/Quiet		34/27	41 / 36	41 / 36	43 / 35	45 / 36	45 / 36
Sound Pressure Level	Indoor (Heating)	High/Quiet	IDA	34/27	41 / 36	41 / 36	43 / 35	45 / 36	45 / 36
Levei	Outdoor (Cooling/Heating)	High	dBA	48 / 50	51 / 53	53 / 53	55 / 57	55 / 57	53 / 55
Sound Power Level	Outdoor	High		68	69	70	71	72	71
Static Pressure Range	Min - N	Max	PA	60 - 210	60 - 210	60 - 210	60 - 260	60 - 260	60 - 260
Air Circulation	Indoor (Cooling)	High Fan		500	695	695	903	986	986
All Cilculation	Indoor (Heating)	High Fan	l/sec	500	695	695	903	986	986
Dimensions	Indo	or		400 x 1050 x 500	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490	425 x 1250 x 490
HxWxD	Outdo	oor	mm	716 x 820 x 315	788 x 940 x 320	788 x 940 x 320	998 x 940 x 320	998 x 940 x 320	1418 x 970 x 370
Not Weight	Indo	or	ka	38.00	39.00	39.00	53.00	53.00	53.00
Net Weight	Outdo	oor	kg	36.00	52.00	52.00	67.00	67.00	95.00
Connection Pipe	Diameter (Liquid/G	as)	mm	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Pipe Length (M	ax (Precharged))		m	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)
Max Height Diff	erence		m	25	30	30	30	30	30
Operation	Outdoor	Cooling	°CDB	-10 to 50					
Range	(Min - Max)	Heating	CDR	-15 to 24					
Dofrigorest		Туре		R32	R32	R32	R32	R32	R32
Refrigerant	Cha	rge	kg	1,250	1,900	1,900	2,700	2,700	2,550

<sup>&</sup>lt;sup>1</sup> Total Cooling Seasonal Performance Factor <sup>2</sup> Heating Seasonal Performance Factor



### High Static Single Phase R32 (HP)

Set Code				SET-ARTH30KHTA-HP	SET-ARTH36KHTA-HP	SET-ARTH45KHTA-HP	SET-ARTH54KHTA-HP	SET-ARTH60KHTB
	In	door unit		ARTH30KHTA-HP	ARTH36KHTA-HP	ARTH45KHTA-HP	ARTH54KHTA-HP	ARTH60KHTB
Model No.	Ou	tdoor unit		АОТН30КСТА	АОТНЗ6КСТА	AOTH45KCTA	AOTH54KCTA	AOTH60KCTA
Power Source	,	/ / Ph / Hz			'	230/1/50		
	Cooling (Rated	(Min - Max))	kW	8.50 (4.1 - 11.0)	10.00 (5.0 - 13.0)	12.50 (5.6 - 14.5)	14.00 (6.3 - 16.5)	16.00 (7.4 - 17.5)
Capacity	Heating (Rated	(Min - Max))	kW	10.00 (4.2 - 12.0)	12.50 (5.2 - 15.0)	15.00 (5.2 - 17.0)	16.50 (5.8 - 18.5)	18.00 (7.4 - 20.5)
	Cooling (Rate	ed (Max))	kW	2.18 (3.36)	2.6 (5.01)	3.43 (4.39)	3.91 (5.35)	4.82 (5.31)
Input Power	Heating (Rate	ed (Max))	kW	2.2 (3.12)	2.94 (4.65)	3.49 (4.46)	4.00 (4.49)	4.63 (5.19)
EER	Coolir	ng	kW / kW	3.90	3.85	3.61	3.58	3.32
СОР	Heatii	ng	kW / kW	4.55	4.25	4.30	4.13	3.89
s. s	Cooling:	Hot/Average/Col	d	3/3/3	3/3/3	3/3/3	3/2.5/3	3/2.5/3
Star Rating	Heating:	Hot/Average/Co	ld	3/3/2	3/2.5/2	3/2.5/2	2.5 / 2.5 / 2	3 / 2.5 / 1.5
TCSPF1	Residential (Hot/	Average/Cold)	kW	4.833 / 4.593 / 4.727	4.964 / 4.727 / 4.9	4.785 / 4.573 / 4.76	4.666 / 4.464 / 4.642	4.533 / 4.342 / 4.555
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.856 / 4.509 / 3.994	4.912 / 4.377 / 3.733	4.702 / 4.305 / 3.753	4.4 / 4.028 / 3.502	4.521 / 4.001 / 3.428
Running current	Cooling/H	eating	amps	9.6 / 9.7	11.4 / 12.9	15.1 / 15.3	17.2 / 17.5	21.1 / 20.3
Moisture Remov	/al		l/hr	0.1	1.4	0.9	1.6	3.4
	Indoor (Cooling)	High/Quiet		41 / 36	41/36	43 / 35	45 / 36	44/39
Sound Pressure Level	Indoor (Heating)	High/Quiet	10.4	41 / 36	41/36	43 / 35	45 / 36	44/39
Level	Outdoor (Cooling/Heating)	High	dBA	51/53	53 / 53	53 / 53	53 / 55	53 / 55
Sound Power Level	Outdoor	High	-	69	70	70	71	71
Static Pressure Range	Min - N	lax	PA	60 - 210	60 - 210	60 - 260	60 - 260	60 - 250
-	Indoor (Cooling)	High Fan	1/	695	695	903	986	1139
Air Circulation	Indoor (Heating)	High Fan	l/sec	695	695	903	986	1139
Dimensions	Indoo	or		400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490	360 x 1400 x 850
HxWxD	Outdo	юг	mm	998 x 940 x 320	998 x 940 x 320	1418 x 970 x 370	1418 x 970 x 370	1418 x 970 x 370
NW-1-b-	Indoo	or	1	39.00	39.00	53.00	53.00	69.00
Net Weight	Outdo	юг	kg	64.00	67.00	95.00	101.00	101.00
Connection Pipe	Diameter (Liquid/G	as)	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Pipe Length (Ma	ax (Precharged))		m	75 (30)	75 (30)	75 (30)	75 (30)	75 (30)
Max Height Diffe	erence		m	30	30	30	30	30
Operation	Outdoor	Cooling	9600	-10 to 50				
Range	(Min - Max)	Heating	°CDB	-15 to 24				
D. ( )		Туре		R32	R32	R32	R32	R32
Refrigerant	Cha	rge	kg	2,100	2,500	3,400	3,800	3,800

# **Product Specifications**

### High Static Three Phase R32

Set Code				SET-ART36KHTA-3PH	SET-ART45KHTA-3PH	SET-ART54KHTA-3PH	SET-ART60KHTA-3PH
	Ir	ndoor unit		ART36KHTA-3PH	ART45KHTA-3PH	ART54KHTA-3PH	ART60KHTA-3PH
Model No.	0ι	ıtdoor unit		AOTH36KRTA	AOTH45KRTA	AOTH54KRTA	AOTH60KRTA
Power Source	,	V / Ph / Hz			400/	3/50	1
	Cooling (Rated	(Min - Max))	kW	10.00 (2.8 - 11.4)	12.50 (4.0 - 14.0)	14.00 (4.5 - 15.0)	15.50 (5.0 - 16.5)
Capacity	Heating (Rated	(Min - Max))	kW	11.20 (2.7 - 14.0)	14.00 (4.2 - 16.5)	15.50 (1.7 - 18.0)	18.00 (5.1 - 19.0)
	Cooling (Rat	ed (Max))	kW	3.08 (4.01)	3.80 (5.16)	4.64 (5.17)	4.94 (6.02)
Input Power	Heating (Rat	ed (Max))	kW	2.8 (4.21)	3.42 (5.22)	4.40 (5.23)	4.89 (6.74)
EER	Cooli	ng	kW / kW	3.25	3.29	3.02	3.14
СОР	Heati	ng	kW / kW	4.00	4.09	3.52	3.68
	Cooling:	Hot/Average/Co	ld	3/2.5/3	3/2.5/3	2.5 / 2.5 / 2.5	2.5 / 2.5 / 2.5
Star Rating	Heating:	Hot/Average/Co	ıld	3/2.5/1.5	3/2.5/2	3/2/1.5	2.5 / 2 / 1.5
TCSPF1	Residential (Hot/	Average/Cold)	kW	4.642 / 4.426 / 4.675	4.612 / 4.403 / 4.635	4.339 / 4.147 / 4.39	4.378 / 4.193 / 4.416
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.72 / 4.073 / 3.429	4.766 / 4.208 / 3.574	4.691 / 3.937 / 3.306	4.487 / 3.885 / 3.31
Running current	Cooling/H	leating	amps	5.2 / 4.7	6.4/5.7	7.7 / 7.0	7.8 / 7.9
Moisture Remo	val		I/hr	1.4	0.9	1.6	2.8
	Indoor (Cooling)	High/Quiet		41 / 36	43 / 35	45 / 36	45 / 36
Sound Pressure	Indoor (Heating)	High/Quiet		41 / 36	43 / 35	45 / 36	45 / 36
Level	Outdoor (Cooling/Heating)	High	dBA	53 / 53	55 / 57	55 / 57	53/55
Sound Power Level	Outdoor	High		70	71	72	71
Static Pressure Range	Min - N	Max	PA	60 - 210	60 - 260	60 - 260	60 - 260
	Indoor (Cooling)	High Fan		695	903	986	986
Air Circulation	Indoor (Heating)	High Fan	l/sec	695	903	986	986
Dimensions	Indo	or		400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490	425 x 1250 x 490
HxWxD	Outdo	oor	mm	788 x 940 x 320	998 x 940 x 320	998 x 940 x 320	1418 x 970 x 370
	Indo	or		39.00	53.00	53.00	53.00
Net Weight	Outdo	oor	kg	53.00	67.00	67.00	96.00
Connection Pipe	Diameter (Liquid/G	as)	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Pipe Length (M	ax (Precharged))		m	50 (30)	50 (30)	50 (30)	50 (30)
Max Height Diff	erence		m	30	30	30	30
Operation	Outdoor	Cooling	9600	-10 to 50	-10 to 50	-10 to 50	-10 to 50
Range	(Min - Max)	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24
D-fri		Туре		R32	R32	R32	R32
Refrigerant	Cha	rge	kg	1,500	2,180	2,180	3,400

<sup>&</sup>lt;sup>1</sup> Total Cooling Seasonal Performance Factor <sup>2</sup> Heating Seasonal Performance Factor



### High Static Three Phase R410A

Set Code				SET-ARTG65LHTA	SET-ARTC72LATU	SET-ARTC90LATU
	In	door unit		ARTG65LHTA	ARTC72LATU	ARTC90LATU
Model No.	Ou	tdoor unit		AOTG65LRLA	AOTA72LALT	AOTA90LALT
Power Source	\	/ / Ph / Hz			400/3/50	
	Cooling (Rated	(Min - Max))	kW	18.00 (8.4 - 20.0)	20.30 (10.8 - 23.5)	25.00 (11.2 - 28.0)
Capacity	Heating (Rated	(Min - Max))	kW	20.00 (7.2 - 22.0)	22.60 (12.0 - 26.5)	28.00 (12.5 - 31.5)
	Cooling (Rate	ed (Max))	kW	0.46 (5.36) <sup>3</sup>	6.25 (10.1)	7.82 (12.5)
Input Power	Heating (Rat	ed (Max))	kW	0.50 (4.80) <sup>3</sup>	6.27 (10.1)	8.24 (12.5)
EER	Coolir	ng	kW / kW	3.09	3.25	3.20
СОР	Heatii	ng	kW / kW	3.77	3.60	3.40
C. D.:	Cooling:	Hot/Average/Col	d	2.5 / 2.0 / 2.0	2.0 / 1.5 / 1.5	2.0 / 1.5 / 1.5
Star Rating	Heating:	Hot/Average/Co	ld	3.5 / 2.5 / 2.0	2.0 / 1.5 / 1.5	1.5 / 1.5 / 1.0
TCSPF <sup>1</sup>	Residential (Hot/	Average/Cold)	kW	4.121 / 3.816 / 3.936	3.857 / 3.414 / 3.409	3.838 / 3.451 / 3.469
HSPF <sup>2</sup>	Residential (Hot/	Average/Cold)	kW	4.609 / 4.167 / 3.819	3.629 / 3.434 / 3.119	3.497 / 3.196 / 2.827
Running current	Cooling/H	eating	amps	3.2 / 3.2	9.3 / 9.3	11.5 / 12.1
Moisture Remov	/al		I/hr	4.5	4.5	6.0
	Indoor (Cooling)	High/Quiet		45 / 36	47 / 41	49 / 43
Sound Pressure Level	Indoor (Heating)	High/Quiet	dBA	45 / 36	47 / 41	49 / 43
LEVEI	Outdoor (Cooling/Heating)	High	UDA	51/53	57 / 57	58 / 59
Sound Power Level	Outdoor	High		70	80	81
Static Pressure Range	Min - N	ax	PA	60 - 200	50 - 250	50 - 250
Air Circulation	Indoor (Cooling)	High Fan	l/sec —	1139	1195	1347
All Cilculation	Indoor (Heating)	High Fan	l/sec	1139	1195	1347
Dimensions	Indoo	or	mm	360 x 1400 x 850	450 x 1587 x 700	550 x 1587 x 700
HxWxD	Outdo	or	111111	1428 x 1080 x 480	1690 x 930 x 765	1690 x 930 x 765
Net Weight	Indoo	or	ka	69.00	100.00	110.00
ivet weight	Outdo	or	kg —	163.00	215.00	215.00
Connection Pipe	Diameter (Liquid/G	as)	mm	12.7 / 25.4	12.7 / 25.4	12.7 / 25.4
Pipe Length (Ma	ax (Precharged))		m	75 (30)	75 (20)	75 (20)
Max Height Diffe	erence		m	30	30	30
Operation	Outdoor	Cooling	°CDD	-15 to 46	-5 to 46	-5 to 46
Range	(Min - Max)	Heating	°CDB —	-15 to 24	-15 to 24	-15 to 24
D-6		Туре		R410A	R410A	R410A
Refrigerant	Cha	ge	kg	5,600	11,200	11,200

<sup>&</sup>lt;sup>3</sup> Indoor & outdoor

## FUJITSU GENERAL NEW ZEALAND A SUBSIDIARY OF FUJITSU GENERAL LIMITED

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Please ensure you have confirmed installation requirements and pipe sizes prior to install.

**AIRSTAGE**