

Ducted Range

Whole Home Systems



Why Choose Fujitsu?

Australia's Favourite Air®

Fujitsu General is a leading supplier of air conditioners in Australia, with a portfolio to suit both residential and commercial applications. We focus all of our research and manufacturing strengths into air conditioners which has resulted in our extensive range of world-class, energy efficient, market-leading air conditioners.

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

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

Fujitsu Channel Partner Network

Fujitsu have a comprehensive network of dealers right across Australia. This ensures that there is a local stockist in your area to assist you in purchasing a Fujitsu air conditioning system for your home.

An Award-Winning 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 voted Reader's Digest Most Trusted Brand in the Air Conditioning category from 2018-2022 and awarded highly commended in 2023.

Fujitsu General has also won the ProductReview.com.au Best Appliance Brands award for 2023.



Peace of Mind

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





Exceptional after sales service



Trusted brand



5 year manufacturer's warranty

Sporting Chance

Fujitsu General Australia is extremely proud to be a major sponsor of the Sporting Chance Cancer Foundation. Established in 1996, Sporting Chance is a not-for-profit organisation that helps provide home support and care to children with cancer.



To date, Fujitsu General has donated more than \$10M to this worthy cause, with a percentage of sales from Fujitsu's air conditioning units going towards the funding of outreach programs and exploring better ways to treat and overcome cancer.

Sporting Chance initiatives allow families to spend more quality time at home together, while still having access to the appropriate care for their child.

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 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 Sydney, Melbourne, Brisbane, Adelaide, and Perth and provides access to dedicated Service Agents in all other parts of Australia. 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 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 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.

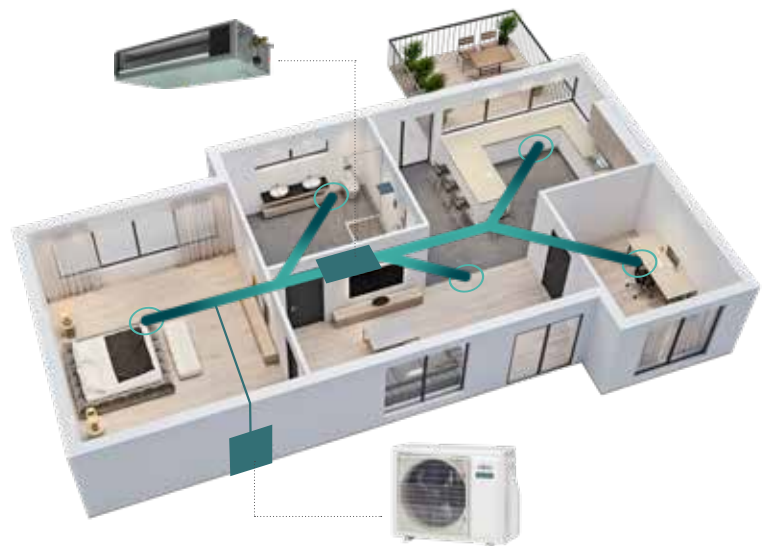
The temperature and hours of operation are controlled by a simple and easy to use wall controller.

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

What Is Zone Control?

Ducted 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.

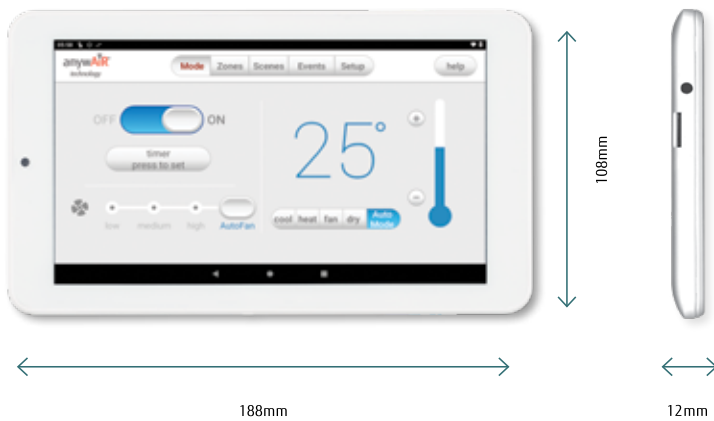


Energy Efficiency

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 VAV²
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)³
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 Air Conditioners¹

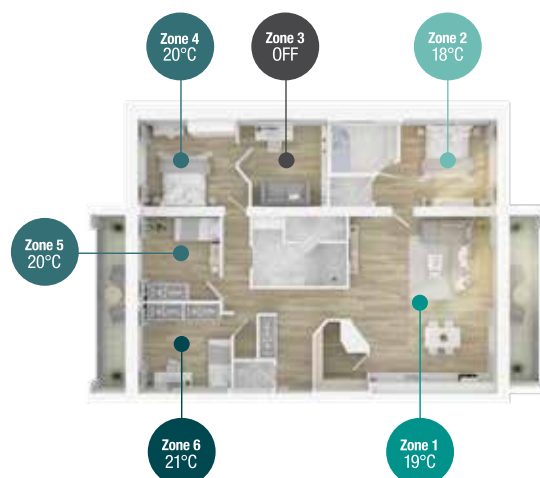
The Fujitsu General anywAiR[®] technology ducted controller provides Wi-Fi control for Fujitsu ducted air conditioning systems via a wall mounted touch pad. Remote access is available using the anywAiR[®] App¹, giving control of your ducted system anytime, anywhere with selected smartphone and tablet 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)³

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 VAV²

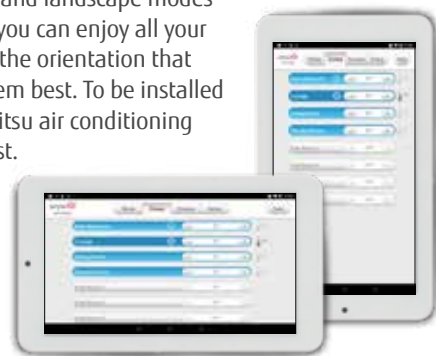
Temperature Controlled VAV is available to zones which have the optional temperature sensors installed. This feature allows the user to choose the desired temperature for a zone and the system will automatically adjust the air flow to assist in maintaining each zone's desired temperature.

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 suits them best. To be installed by a Fujitsu air conditioning specialist.



¹The 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. ²Requires optional individual room sensors to be installed. ³VAV 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 Australia. 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 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.

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.

MainZone

The MainZone feature makes that particular zone the “information centre” for the air conditioning unit. That means the set-point for that zone becomes the setpoint the air conditioning unit will work toward. The actual measured temperature of that zone is the temperature sent to the unit for it to make its decisions about whether to start/stop or speed up/down to effectively achieve the set-point while maintaining constant airflow in the MainZone.

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.

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.



¹The anywAiR® App is only compatible with a selected range of Fujitsu General ducted systems when the optional anywAiR® technology Wi-Fi ducted zone controller is installed. It is not a standard inclusion when purchasing a Fujitsu ducted system and must be installed by a Fujitsu Installer. ²Requires optional individual room sensors to be installed. ³VAV 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 Australia. 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.



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 cooling | 3.2kW heating

ARTH12KSLAP

3.5kW cooling | 4.0kW heating



ARTH18KSLAP

5.0kW cooling | 6.0kW heating



ARTH09KLLAP

2.5kW cooling | 3.2kW heating

ARTH12KLLAP

3.5kW cooling | 4.0kW heating



ARTH18KLLAP

5.0kW cooling | 6.0kW heating



Outdoor units



AOTH09/12KBTA



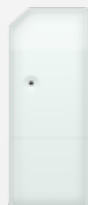
AOTH18KBTA

Standard controller

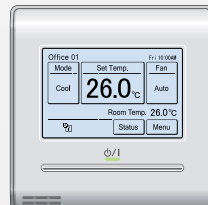


LCD
Touch Panel
Controller
UTY-RNRT

Available optional controllers



anywAiR[®]
technology
Wi-Fi adaptor
UTY-FGAN1



LCD
Touch Panel
Controller
with Operation
mode
UTY-RNRYT5



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
- ✔ Improved maximum guaranteed operating temperature range of up to 50 degrees in cooling mode
- ✔ Compatible with the optional Wi-Fi anywAiR® technology ducted controller
- ✔ R32 refrigerant
- ✔ High performance model available – larger outdoor unit and more energy efficient
- ✔ Compact design to allow for flexible installation in the ceiling
- ✔ Demand response enabled and zone system compatible

Indoor units



Standard

ARTH18KMTAP

5.0kW cooling | 6.0kW heating

ARTH24KMTAP

7.1kW cooling | 8.0kW heating

High performance

ARTH24KMTAP-HP

7.1kW cooling | 8.0kW heating



ARTH30KMTAP

8.5kW cooling | 10.0kW heating

ARTH30KMTAP-HP

8.5kW cooling | 10.0kW heating

ARTH36KMTAP

10.0kW cooling | 11.2kW heating

ARTH45KMTAP

12.5kW cooling | 14.0kW heating

ARTH54KMTAP

13.0kW cooling | 15.0kW heating



Outdoor units



| | | | | |
|------------------|------------|------------|---------------|---------------|
| Standard | AOTH18KBTA | AOTH24KBTA | AOTH30/36KBTA | AOTH45/54KBTA |
| High performance | | | AOTH30KCTA | AOTH24KCTA |

Standard controller

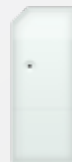


LCD
Touch Panel
Controller
UTY-RNRT

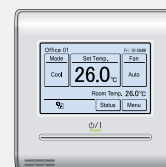
Available optional controllers



anywAiR[®]
technology ducted
controller
UTY-ANY1



anywAiR[®]
technology
Wi-Fi adaptor
UTY-FGAN1



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
- ✔ Improved maximum guaranteed operating temperature range of up to 50 degrees in cooling mode
- ✔ 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
- ✔ Demand response enabled and 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 cooling | 8.0kW heating

ARTH30KHTA

8.5kW cooling | 10.0kW heating

ARTH36KHTA

10.0kW cooling | 11.2kW heating

High performance

ARTH30KHTA-HP

8.5kW cooling | 10.0kW heating

ARTH36KHTA-HP

10.0kW cooling | 12.5kW heating

3 phase

ARTH36KHTA-3PH

10.0kW cooling | 11.2kW heating



ARTH45KHTA

12.5kW cooling | 14.0kW heating

ARTH54KHTA

14.0kW cooling | 15.5kW heating

ARTH60KHTA

15.5kW cooling | 18.0kW heating

ARTH45KHTA-HP

12.5kW cooling | 15.0kW heating

ARTH54KHTA-HP

14.0kW cooling | 16.5kW heating

ARTH60KHTB

16.0kW cooling | 18.0kW heating

ARTH45KHTA-3PH

12.5kW cooling | 14.0kW heating

ARTH54KHTA-3PH

14.0kW cooling | 15.5kW heating

ARTH60KHTA-3PH

15.5kW cooling | 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

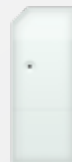


LCD Touch Panel Controller
UTY-RNRT

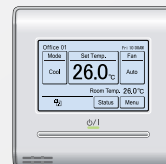
Available optional controllers



anywAiR[®] technology ducted controller
UTY-ANY1



anywAiR[®] technology Wi-Fi adaptor
UTY-FGAN1



LCD Touch Panel Controller
UTY-RNRYT5



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 6 bedrooms
- ✓ Allows for an increased number of air ducts to be installed
- ✓ Compatible with the optional Wi-Fi anywAiR® technology ducted controller
- ✓ Optional truss transition kit (UTD-TJKA) available where ceiling cavity space may be limited¹
- ✓ Indoor unit can be separated to enable easy in-roof installation
- ✓ R410A refrigerant

Indoor units



ARTG65LHTA

15.0kW cooling | 18.0kW heating



ARTC72LATU

20.3kW cooling | 22.6kW heating



ARTC90LATU

25.0kW cooling | 28.0kW heating



Outdoor units



AOTG65LRLA



AOTA72/90LALT

Standard controller



LCD Touch Panel Controller
UTY-RVNYN

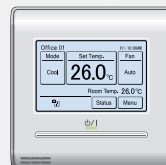
Available optional controllers



anywAiR[®] technology ducted controller
UTY-ANY1



anywAiR[®] technology Wi-Fi adaptor¹
UTY-FGAN1



LCD Touch Panel Controller¹
UTY-RNRYT5



LCD Simple Controller with Operation mode¹
UTY-RSRYT



LCD Simple Controller without Operation mode¹
UTY-RHRYT

¹Compatible with the ARTG65LHTA model only.

Feature Checklist

| | | ARTH09KSLAP | ARTH09KLLAP | ARTH12KSLAP | ARTH12KLLAP | ARTH18KSLAP | ARTH18KLLAP | ARTH18KMTAP | ARTH24KMTAP | ARTH30KMTAP | ARTH36KMTAP | ARTH45KMTAP | ARTH54KMTAP |
|---|---|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|
| | | Bulkhead | | | | | | Mid Static Slimline | | | | | |
| 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 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Automatic Airflow Adjustment | The micro-processor automatically adjusts air flow to follow changes in room temperature | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Automatic Static Pressure Setting Adjustment | The unit will automatically set the optimal static pressure setting | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Blue Fin Heat Exchanger | Corrosion-resistance has been improved by blue fin treatment of the outdoor unit heat exchanger | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Connectable Distributing Duct | Systems are capable of attaching field-supplied branch ducts distributing the airflow | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Connectable Fresh Air Duct | Systems are capable of attaching field-supplied branch ducts to bring fresh air in | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Demand Response | Compatible with the Air Conditioning Demand Response program. When your electricity supplier activates one of the three modes, the air conditioner switches over to the appropriate operation | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Economy Mode | The temperature will adjust by 1°C to allow for a reduction in power drawn from the compressor to help save energy | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Error Code Display | Shown on the wired remote controller display or the indicator lamps on the indoor receiver unit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Filter Sign | Set the interval frequency to be reminded to clean the air filter on your unit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| In-Built Drain Pump | The drain pump is in-built into the system | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Long Piping Capability 75m | Equipped with a maximum pipe length of 75m | | | | | | | | | | | | |
| On-Off Timer | Can be set to operate once every 24 hours | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Operating Temperature Range 50°C | The maximum guaranteed operating temperature range is 50 degrees in cooling mode | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Program Timer | Allows selection of one of four options. ON, OFF, ON->OFF, or OFF->ON | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Weekly + Setback Timer | Can set temperature for two time spans and for each day of the week | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| Weekly Timer | Different on-off timers can be set for up to 7 days | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Zone Control | Air condition selected zones within the indoor space | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Product Specifications

Bulkhead R32

| Set Code | | | SET-ARTH09KSLAP | SET-ARTH12KSLAP | SET-ARTH18KSLAP |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|-----------------------|
| Model No. | Indoor unit | | ARTH09KSLAP | ARTH12KSLAP | ARTH18KSLAP |
| | Outdoor unit | | AOTH09KBTA | AOTH12KBTA | AOTH18KBTA |
| Power Source | V / Ph / Hz | | 230 / 1 / 50 | | |
| Capacity | Cooling (Rated (Min - Max)) | kW | 2.50 (0.9 - 3.6) | 3.50 (0.9 - 4.1) | 5.00 (0.9 - 5.9) |
| | Heating (Rated (Min - Max)) | kW | 3.20 (0.9 - 4.5) | 4.00 (0.9 - 5.1) | 6.00 (0.9 - 7.1) |
| Input Power | Cooling (Rated (Max)) | kW | 0.64 (1.15) | 0.98 (1.41) | 1.48 (1.95) |
| | Heating (Rated (Max)) | kW | 0.80 (1.5) | 1.1 (1.97) | 1.73 (2.58) |
| EER | Cooling | kW / kW | 3.91 | 3.57 | 3.38 |
| COP | Heating | kW / kW | 4.00 | 3.64 | 3.47 |
| Star Rating | Cooling: Hot/Average/Cold | | 3 / 2.5 / 3 | 3 / 2.5 / 2.5 | 3 / 2.5 / 2.5 |
| | Heating: Hot/Average/Cold | | 2.5 / 2.5 / 2 | 2.5 / 2 / 1.5 | 2.5 / 2 / 1.5 |
| TCSPF ¹ | Residential (Hot/Average/Cold) | kW | 4.999 / 4.490 / 4.551 | 4.645 / 4.269 / 4.374 | 4.584 / 4.264 / 4.418 |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.339 / 4.053 / 3.736 | 4.371 / 3.934 / 3.492 | 4.430 / 3.860 / 3.319 |
| Running current | Cooling/Heating | | amps | 4.6 / 5.1 | 6.3 / 7.3 |
| Moisture Removal | | | l/hr | 0.5 | 2 |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 29 / 23 | 31 / 23 |
| | Indoor (Heating) | High/Quiet | | 29 / 23 | 31 / 23 |
| | Outdoor (Cooling/Heating) | High | | 41 / 46 | 47 / 48 |
| Sound Power Level | Outdoor | High | | 59 | 61 |
| Static Pressure Range | Min - Max | | PA | - | - |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 167 | 181 |
| | Indoor (Heating) | High Fan | | 167 | 181 |
| Dimensions H x W x D | Indoor | | mm | 198 x 700 x 450 | 198 x 700 x 450 |
| | Outdoor | | | 542 x 799 x 290 | 542 x 799 x 290 |
| Net Weight | Indoor | | kg | 15.50 | 15.50 |
| | Outdoor | | | 32.00 | 32.00 |
| Connection Pipe Diameter (Liquid/Gas) | | | mm | Ø6.35 / Ø9.52 | Ø6.35 / Ø9.52 |
| Pipe Length (Max (Precharged)) | | | m | 20 (15) | 20 (15) |
| Max Height Difference | | | m | 15 | 15 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 46 | -10 to 46 |
| | | Heating | | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | | R32 | R32 |
| | Charge | | kg | 850 | 850 |

¹Total Cooling Seasonal Performance Factor

²Heating Seasonal Performance Factor

Bulkhead R32

| Set Code | | | SET-ARTH09KLLAP | SET-ARTH12KLLAP | SET-ARTH18KLLAP |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|-----------------------|
| Model No. | Indoor unit | | ARTH09KLLAP | ARTH12KLLAP | ARTH18KLLAP |
| | Outdoor unit | | AOTH09KBTA | AOTH12KBTA | AOTH18KBTA |
| Power Source | V / Ph / Hz | | 230 / 1 / 50 | | |
| Capacity | Cooling (Rated (Min - Max)) | kW | 2.50 (0.9 - 3.6) | 3.50 (0.9 - 4.1) | 5.00 (0.9 - 5.9) |
| | Heating (Rated (Min - Max)) | kW | 3.20 (0.9 - 4.8) | 4.00 (0.9 - 5.5) | 6.00 (0.9 - 7.5) |
| Input Power | Cooling (Rated (Max)) | kW | 0.61 (1.11) | 0.93 (1.33) | 1.38 (2.00) |
| | Heating (Rated (Max)) | kW | 0.77 (1.48) | 1.05 (1.87) | 1.60 (2.39) |
| EER | Cooling | kW / kW | 4.10 | 3.76 | 3.62 |
| COP | Heating | kW / kW | 4.16 | 3.81 | 3.75 |
| Star Rating | Cooling: Hot/Average/Cold | | 3.5 / 3 / 3 | 3 / 2.5 / 2.5 | 3 / 3 / 3 |
| | Heating: Hot/Average/Cold | | 3 / 2.5 / 2 | 3 / 2.5 / 2 | 3 / 2.5 / 2 |
| TCSPP ¹ | Residential (Hot/Average/Cold) | kW | 5.080 / 4.535 / 4.567 | 4.808 / 4.397 / 4.485 | 4.868 / 4.508 / 4.656 |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.606 / 4.270 / 3.900 | 4.589 / 4.116 / 3.618 | 4.661 / 4.105 / 3.536 |
| Running current | Cooling/Heating | | amps | 3.1 / 4 | 4.4 / 5 |
| Moisture Removal | | | l/hr | 0.7 | 1.3 |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 28 / 25 | 32 / 27 |
| | Indoor (Heating) | High/Quiet | | 28 / 24 | 32 / 27 |
| | Outdoor (Cooling/Heating) | High | | 41 / 46 | 48 / 49 |
| Sound Power Level | Outdoor | High | | 59 | 62 |
| Static Pressure Range | Min - Max | | PA | - | - |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 167 | 261 |
| | Indoor (Heating) | High Fan | | 167 | 261 |
| Dimensions H x W x D | Indoor | | mm | 198 x 700 x 620 | 198 x 900 x 620 |
| | Outdoor | | | 542 x 799 x 290 | 632 x 799 x 290 |
| Net Weight | Indoor | | kg | 17.00 | 20.00 |
| | Outdoor | | | 32.00 | 36.00 |
| Connection Pipe Diameter (Liquid/Gas) | | | mm | Ø6.35 / Ø9.52 | Ø6.35 / Ø12.70 |
| Pipe Length (Max (Precharged)) | | | m | 20 (15) | 30 (20) |
| Max Height Difference | | | m | 15 | 20 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 46 | -10 to 46 |
| | | Heating | | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | kg | R32 | R32 |
| | Charge | | | 850 | 1,020 |

Product Specifications

Mid Static Slimline R32

| Set Code | | | SET-ARTH18KMTAP | SET-ARTH24KMTAP | SET-ARTH30KMTAP | SET-ARTH36KMTAP | SET-ARTH45KMTAP | SET-ARTH54KMTAP | |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| Model No. | Indoor unit | | ARTH18KMTAP | ARTH24KMTAP | ARTH30KMTAP | ARTH36KMTAP | ARTH45KMTAP | ARTH54KMTAP | |
| | Outdoor unit | | AOTH18KBTA | AOTH24KBTA | AOTH30KBTA | AOTH36KBTA | AOTH45KBTA | AOTH54KBTA | |
| Power Source | V / Ph / Hz | | 230 / 1 / 50 | | | | | | |
| Capacity | 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) | |
| | 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) | |
| Input Power | Cooling (Rated (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) | |
| | Heating (Rated (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 | Cooling | kW / kW | 3.65 | 3.30 | 3.55 | 3.19 | 3.13 | 3.02 | |
| COP | Heating | kW / kW | 3.80 | 3.65 | 4.12 | 3.73 | 3.50 | 3.37 | |
| Star Rating | Cooling: Hot/Average/Cold | | 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 | |
| | Heating: Hot/Average/Cold | | 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 | |
| TCSPF ¹ | Residential (Hot/Average/Cold) | kW | 5.012 / 4.663 / 4.844 | 4.558 / 4.294 / 4.484 | 4.781 / 4.910 / 5.264 | 4.338 / 4.141 / 4.359 | 4.462 / 4.265 / 4.509 | 4.354 / 4.163 / 4.412 | |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.740 / 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/Heating | 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 Removal | | l/hr | 1.3 | 1.7 | 1.6 | 2.9 | 4.5 | 5.0 | |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 33 / 23 | 38 / 27 | 38 / 28 | 38 / 27 | 40 / 29 | 40 / 29 |
| | Indoor (Heating) | High/Quiet | | 33 / 23 | 38 / 27 | 38 / 28 | 38 / 27 | 40 / 29 | 40 / 29 |
| | Outdoor (Cooling/Heating) | High | | 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 - Max | | PA | 50 - 150 | 50 - 150 | 50 - 150 | 50 - 150 | 50 - 150 | 50 - 150 |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 300 | 416 | 541 | 575 | 600 | 600 |
| | Indoor (Heating) | High Fan | | 300 | 416 | 541 | 575 | 600 | 600 |
| Dimensions H x W x D | Indoor | | mm | 240 x 1000 x 700 | 240 x 1000 x 700 | 240 x 1400 x 700 | 240 x 1400 x 700 | 240 x 1400 x 700 | 240 x 1400 x 700 |
| | Outdoor | | | 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 |
| Net Weight | Indoor | | kg | 31.00 | 31.00 | 42.00 | 42.00 | 42.00 | 42.00 |
| | Outdoor | | | 36.00 | 36.00 | 52.00 | 52.00 | 67.00 | 67.00 |
| Connection Pipe Diameter (Liquid/Gas) | | | 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 (Max (Precharged)) | | | m | 30 (20) | 30 (20) | 50 (30) | 50 (30) | 50 (30) | 50 (30) |
| Max Height Difference | | | m | 20 | 25 | 30 | 30 | 30 | 30 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 |
| | | Heating | | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | | R32 | R32 | R32 | R32 | R32 | R32 |
| | Charge | | kg | 1,020 | 1,250 | 1,900 | 1,900 | 2,700 | 2,700 |

¹Total Cooling Seasonal Performance Factor

²Heating Seasonal Performance Factor

Mid Static Slimline R32 (HP)

| Set Code | | | SET-ARTH24KMTAP-HP | SET-ARTH30KMTAP-HP |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|
| Model No. | Indoor unit | | ARTH24KMTAP-HP | ARTH30KMTAP-HP |
| | Outdoor unit | | AOTH24KCTA | AOTH30KCTA |
| Power Source | V / Ph / Hz | | 230 / 1 / 50 | |
| Capacity | Cooling (Rated (Min - Max)) | kW | 7.10 (3.3 - 8.5) | 8.50 (4.1 - 10.5) |
| | Heating (Rated (Min - Max)) | kW | 8.00 (3.6 - 10.5) | 10.00 (4.2 - 11.5) |
| Input Power | Cooling (Rated (Max)) | kW | 1.85 (2.72) | 2.60 (3.38) |
| | Heating (Rated (Max)) | kW | 1.93 (2.89) | 2.47 (3.12) |
| EER | Cooling | kW / kW | 3.84 | 3.76 |
| COP | Heating | kW / kW | 4.15 | 4.05 |
| Star Rating | Cooling: Hot/Average/Cold | | 3 / 2.5 / 2.5 | 3.5 / 2.5 / 2 |
| | Heating: Hot/Average/Cold | | 3 / 2.5 / 3 | 3 / 3 / 3 |
| TCSPF ¹ | Residential (Hot/Average/Cold) | kW | 4.712 / 4.474 / 4.598 | 4.800 / 4.569 / 4.727 |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.962 / 4.491 / 4.043 | 5.036 / 4.472 / 3.899 |
| Running current | Cooling/Heating | | amps | 8.0 / 8.4 |
| Moisture Removal | | | l/hr | 1.7 |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 38 / 27 |
| | Indoor (Heating) | High/Quiet | | 38 / 27 |
| | Outdoor (Cooling/Heating) | High | | 48 / 50 |
| Sound Power Level | Outdoor | High | | 67 |
| Static Pressure Range | Min - Max | | PA | 50 - 150 |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 416 |
| | Indoor (Heating) | High Fan | | 416 |
| Dimensions H x W x D | Indoor | | mm | 240 x 1000 x 700 |
| | Outdoor | | | 988 x 940 x 320 |
| Net Weight | Indoor | | kg | 31.00 |
| | Outdoor | | | 63.00 |
| Connection Pipe Diameter (Liquid/Gas) | | mm | 6.35 / 12.7 | 9.52 / 15.88 |
| Pipe Length (Max (Precharged)) | | m | 75 (30) | 75 (30) |
| Max Height Difference | | m | 30 | 30 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 50 |
| | | Heating | | -15 to 24 |
| Refrigerant | Type | | R32 | R32 |
| | Charge | | kg | 1,800 |

Product Specifications

High Static Single Phase R32

| Set Code | | | SET-ARTH24KHTA | SET-ARTH30KHTA | SET-ARTH36KHTA | SET-ARTH45KHTA | SET-ARTH54KHTA | SET-ARTH60KHTA | |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| Model No. | Indoor unit | | ARTH24KHTA | ARTH30KHTA | ARTH36KHTA | ARTH45KHTA | ARTH54KHTA | ARTH60KHTA | |
| | Outdoor unit | | AOTH24KBTA | AOTH30KBTA | AOTH36KBTA | AOTH45KBTA | AOTH54KBTA | AOTH60KBTA | |
| Power Source | V / Ph / Hz | | 230 / 1 / 50 | | | | | | |
| Capacity | 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) | |
| | 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) | |
| Input Power | Cooling (Rated (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) | |
| | Heating (Rated (Max)) | kW | 2.05 (2.45) | 2.35 (4.12) | 2.80 (4.21) | 3.42 (5.22) | 4.40 (5.23) | 4.89 (6.74) | |
| EER | Cooling | kW / kW | 3.32 | 3.62 | 3.25 | 3.29 | 3.02 | 3.14 | |
| COP | Heating | kW / kW | 3.90 | 4.26 | 4.00 | 4.09 | 3.52 | 3.68 | |
| Star Rating | Cooling: Hot/Average/Cold | | 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 | |
| | Heating: Hot/Average/Cold | | 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 | |
| TCSPF ¹ | 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 / 4.390 | 4.378 / 4.193 / 4.416 | |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.825 / 4.110 / 3.444 | 4.610 / 4.211 / 3.654 | 4.720 / 4.073 / 3.429 | 4.766 / 4.208 / 3.574 | 4.691 / 3.937 / 3.306 | 4.487 / 3.885 / 3.310 | |
| Running current | Cooling/Heating | 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 Removal | | l/hr | 0.5 | 0.1 | 1.4 | 0.9 | 1.6 | 2.8 | |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 34 / 27 | 41 / 36 | 41 / 36 | 43 / 35 | 45 / 36 | 45 / 36 |
| | Indoor (Heating) | High/Quiet | | 34 / 27 | 41 / 36 | 41 / 36 | 43 / 35 | 45 / 36 | 45 / 36 |
| | Outdoor (Cooling/Heating) | High | | 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 - Max | | PA | 60 - 210 | 60 - 210 | 60 - 210 | 60 - 260 | 60 - 260 | 60 - 260 |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 500 | 695 | 695 | 903 | 986 | 986 |
| | Indoor (Heating) | High Fan | | 500 | 695 | 695 | 903 | 986 | 986 |
| Dimensions H x W x D | Indoor | | mm | 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 |
| | Outdoor | | | 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 |
| Net Weight | Indoor | | kg | 38.00 | 39.00 | 39.00 | 53.00 | 53.00 | 53.00 |
| | Outdoor | | | 36.00 | 52.00 | 52.00 | 67.00 | 67.00 | 95.00 |
| Connection Pipe Diameter (Liquid/Gas) | | 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 (Max (Precharged)) | | m | 30 (20) | 50 (30) | 50 (30) | 50 (30) | 50 (30) | 50 (30) | |
| Max Height Difference | | m | 25 | 30 | 30 | 30 | 30 | 30 | |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 |
| | | Heating | | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | R32 | R32 | R32 | R32 | R32 | R32 | |
| | Charge | | kg | 1,250 | 1,900 | 1,900 | 2,700 | 2,700 | 2,550 |

¹Total Cooling Seasonal Performance Factor

²Heating 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 | |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| Model No. | Indoor unit | | ARTH30KHTA-HP | ARTH36KHTA-HP | ARTH45KHTA-HP | ARTH54KHTA-HP | ARTH60KHTB | |
| | Outdoor unit | | AOTH30KCTA | AOTH36KCTA | AOTH45KCTA | AOTH54KCTA | AOTH60KCTA | |
| Power Source | V / Ph / Hz | | 230 / 1 / 50 | | | | | |
| Capacity | 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) | |
| | 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) | |
| Input Power | Cooling (Rated (Max)) | kW | 2.18 (3.36) | 2.60 (5.01) | 3.43 (4.39) | 3.91 (5.35) | 4.82 (5.31) | |
| | Heating (Rated (Max)) | kW | 2.20 (3.12) | 2.94 (4.65) | 3.49 (4.46) | 4.00 (4.49) | 4.63 (5.19) | |
| EER | Cooling | kW / kW | 3.90 | 3.85 | 3.61 | 3.58 | 3.32 | |
| COP | Heating | kW / kW | 4.55 | 4.25 | 4.30 | 4.13 | 3.89 | |
| Star Rating | Cooling: Hot/Average/Cold | | 3 / 3 / 3 | 3 / 3 / 3 | 3 / 3 / 3 | 3 / 2.5 / 3 | 3 / 2.5 / 3 | |
| | Heating: Hot/Average/Cold | | 3 / 3 / 2 | 3 / 2.5 / 2 | 3 / 2.5 / 2 | 2.5 / 2.5 / 2 | 3 / 2.5 / 1.5 | |
| TCSPF ¹ | Residential (Hot/Average/Cold) | kW | 4.833 / 4.593 / 4.727 | 4.964 / 4.727 / 4.900 | 4.785 / 4.573 / 4.760 | 4.666 / 4.464 / 4.642 | 4.533 / 4.342 / 4.555 | |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.856 / 4.509 / 3.994 | 4.912 / 4.377 / 3.733 | 4.702 / 4.305 / 3.753 | 4.400 / 4.028 / 3.502 | 4.521 / 4.001 / 3.428 | |
| Running current | Cooling/Heating | | amps | 9.6 / 9.7 | 11.4 / 12.9 | 15.1 / 15.3 | 17.2 / 17.5 | 21.1 / 20.3 |
| Moisture Removal | | | l/hr | 0.1 | 1.4 | 0.9 | 1.6 | 3.4 |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 41 / 36 | 41 / 36 | 43 / 35 | 45 / 36 | 44 / 39 |
| | Indoor (Heating) | High/Quiet | | 41 / 36 | 41 / 36 | 43 / 35 | 45 / 36 | 44 / 39 |
| | Outdoor (Cooling/Heating) | High | | 51 / 53 | 53 / 53 | 53 / 53 | 53 / 55 | 53 / 55 |
| Sound Power Level | Outdoor | High | | 69 | 70 | 70 | 71 | 71 |
| Static Pressure Range | Min - Max | | PA | 60 - 210 | 60 - 210 | 60 - 260 | 60 - 260 | 60 - 250 |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 695 | 695 | 903 | 986 | 1139 |
| | Indoor (Heating) | High Fan | | 695 | 695 | 903 | 986 | 1139 |
| Dimensions H x W x D | Indoor | | mm | 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 |
| | Outdoor | | | 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 |
| Net Weight | Indoor | | kg | 39.00 | 39.00 | 53.00 | 53.00 | 69.00 |
| | Outdoor | | | 64.00 | 67.00 | 95.00 | 101.00 | 101.00 |
| Connection Pipe Diameter (Liquid/Gas) | | | mm | 9.52 / 15.88 | 9.52 / 15.88 | 9.52 / 15.88 | 9.52 / 15.88 | 9.52 / 15.88 |
| Pipe Length (Max (Precharged)) | | | m | 75 (30) | 75 (30) | 75 (30) | 75 (30) | 75 (30) |
| Max Height Difference | | | m | 30 | 30 | 30 | 30 | 30 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 | -10 to 50 |
| | | Heating | | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | | R32 | R32 | R32 | R32 | R32 |
| | Charge | | 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 |
|---------------------------------------|--------------------------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Model No. | Indoor unit | | ART36KHTA-3PH | ART45KHTA-3PH | ART54KHTA-3PH | ART60KHTA-3PH |
| | Outdoor unit | | AOTH36KRTA | AOTH45KRTA | AOTH54KRTA | AOTH60KRTA |
| Power Source | V / Ph / Hz | | 400 / 3 / 50 | | | |
| Capacity | 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) |
| | 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) |
| Input Power | Cooling (Rated (Max)) | kW | 3.08 (4.01) | 3.80 (5.16) | 4.64 (5.17) | 4.94 (6.02) |
| | Heating (Rated (Max)) | kW | 2.80 (4.21) | 3.42 (5.22) | 4.40 (5.23) | 4.89 (6.74) |
| EER | Cooling | kW / kW | 3.25 | 3.29 | 3.02 | 3.14 |
| COP | Heating | kW / kW | 4.00 | 4.09 | 3.52 | 3.68 |
| Star Rating | Cooling: Hot/Average/Cold | | 3 / 2.5 / 3 | 3 / 2.5 / 3 | 2.5 / 2.5 / 2.5 | 2.5 / 2.5 / 2.5 |
| | Heating: Hot/Average/Cold | | 3 / 2.5 / 1.5 | 3 / 2.5 / 2 | 3 / 2 / 1.5 | 2.5 / 2 / 1.5 |
| TCSPF ¹ | Residential (Hot/Average/Cold) | kW | 4.642 / 4.426 / 4.675 | 4.612 / 4.403 / 4.635 | 4.339 / 4.147 / 4.390 | 4.378 / 4.193 / 4.416 |
| HSPF ² | Residential (Hot/Average/Cold) | kW | 4.720 / 4.073 / 3.429 | 4.766 / 4.208 / 3.574 | 4.691 / 3.937 / 3.306 | 4.487 / 3.885 / 3.310 |
| Running current | Cooling/Heating | | amps | 5.2 / 4.7 | 6.4 / 5.7 | 7.7 / 7.0 |
| Moisture Removal | | | l/hr | 1.4 | 0.9 | 1.6 |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 41 / 36 | 43 / 35 | 45 / 36 |
| | Indoor (Heating) | High/Quiet | | 41 / 36 | 43 / 35 | 45 / 36 |
| | Outdoor (Cooling/Heating) | High | | 53 / 53 | 55 / 57 | 55 / 57 |
| Sound Power Level | Outdoor | High | | 70 | 71 | 72 |
| Static Pressure Range | Min - Max | | PA | 60 - 210 | 60 - 260 | 60 - 260 |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 695 | 903 | 986 |
| | Indoor (Heating) | High Fan | | 695 | 903 | 986 |
| Dimensions H x W x D | Indoor | | mm | 400 x 1050 x 500 | 425 x 1250 x 490 | 425 x 1250 x 490 |
| | Outdoor | | | 788 x 940 x 320 | 998 x 940 x 320 | 998 x 940 x 320 |
| Net Weight | Indoor | | kg | 39.00 | 53.00 | 53.00 |
| | Outdoor | | | 53.00 | 67.00 | 67.00 |
| Connection Pipe Diameter (Liquid/Gas) | | | mm | 9.52 / 15.88 | 9.52 / 15.88 | 9.52 / 15.88 |
| Pipe Length (Max (Precharged)) | | | m | 50 (30) | 50 (30) | 50 (30) |
| Max Height Difference | | | m | 30 | 30 | 30 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -10 to 50 | -10 to 50 | -10 to 50 |
| | | Heating | | -15 to 24 | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | | R32 | R32 | R32 |
| | Charge | | kg | 1,500 | 2,180 | 2,180 |

¹Total Cooling Seasonal Performance Factor

²Heating Seasonal Performance Factor

High Static Three Phase R410A

| Set Code | | | SET-ARTG65LHTA | SET-ARTC72LATU | SET-ARTC90LATU |
|---------------------------------------|--------------------------------|------------|--------------------------|-----------------------|-----------------------|
| Model No. | Indoor unit | | ARTG65LHTA | ARTC72LATU | ARTC90LATU |
| | Outdoor unit | | AOTG65LRLA | AOTA72LALT | AOTA90LALT |
| Power Source | V / Ph / Hz | | 400 / 3 / 50 | | |
| Capacity | Cooling (Rated (Min - Max)) | kW | 18.00 (8.4 - 20.0) | 20.30 (10.8 - 23.5) | 25.00 (11.2 - 28.0) |
| | Heating (Rated (Min - Max)) | kW | 20.00 (7.2 - 22.0) | 22.60 (12.0 - 26.5) | 28.00 (12.5 - 31.5) |
| Input Power | Cooling (Rated (Max)) | kW | 0.46 (5.36) ³ | 6.25 (10.1) | 7.82 (12.5) |
| | Heating (Rated (Max)) | kW | 0.50 (4.80) ³ | 6.27 (10.1) | 8.24 (12.5) |
| EER | Cooling | kW / kW | 3.09 | 3.25 | 3.20 |
| COP | Heating | kW / kW | 3.77 | 3.60 | 3.40 |
| Star Rating | Cooling: Hot/Average/Cold | | 2.5 / 2.0 / 2.0 | 2.0 / 1.5 / 1.5 | 2.0 / 1.5 / 1.5 |
| | Heating: Hot/Average/Cold | | 3.5 / 2.5 / 2.0 | 2.0 / 1.5 / 1.5 | 1.5 / 1.5 / 1.0 |
| TCSPF ¹ | Residential (Hot/Average/Cold) | kW | 4.121 / 3.816 / 3.936 | 3.857 / 3.414 / 3.409 | 3.838 / 3.451 / 3.469 |
| HSPF ² | 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/Heating | | amps | 3.2 / 3.2 | 9.3 / 9.3 |
| Moisture Removal | | | l/hr | 4.5 | 6.0 |
| Sound Pressure Level | Indoor (Cooling) | High/Quiet | dBA | 45 / 36 | 49 / 43 |
| | Indoor (Heating) | High/Quiet | | 45 / 36 | 49 / 43 |
| | Outdoor (Cooling/Heating) | High | | 51 / 53 | 58 / 59 |
| Sound Power Level | Outdoor | High | | 70 | 81 |
| Static Pressure Range | Min - Max | | PA | 60 - 200 | 50 - 250 |
| Air Circulation | Indoor (Cooling) | High Fan | l/sec | 1139 | 1347 |
| | Indoor (Heating) | High Fan | | 1139 | 1347 |
| Dimensions H x W x D | Indoor | | mm | 360 x 1400 x 850 | 450 x 1587 x 700 |
| | Outdoor | | | 1428 x 1080 x 480 | 1690 x 930 x 765 |
| Net Weight | Indoor | | kg | 69.00 | 110.00 |
| | Outdoor | | | 163.00 | 215.00 |
| Connection Pipe Diameter (Liquid/Gas) | | | mm | 12.7 / 25.4 | 12.7 / 25.4 |
| Pipe Length (Max (Precharged)) | | | m | 75 (30) | 75 (20) |
| Max Height Difference | | | m | 30 | 30 |
| Operation Range | Outdoor (Min - Max) | Cooling | °CDB | -15 to 46 | -5 to 46 |
| | | Heating | | -15 to 24 | -15 to 24 |
| Refrigerant | Type | | | R410A | R410A |
| | Charge | | kg | 5,600 | 11,200 |

³ Indoor & outdoor

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

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