



MINI-SPLIT HEATING AND COOLING SYSTEMS
FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

FUJITSU GENERAL AMERICA, INC.



QUIETLY REVOLUTIONIZING ENERGY-EFFICIENT HOME



COMFORT.

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FUJITSU MINI-SPLITS: YEAR-ROUND, WHOLE-HOME OR BUSINESS ENERGY EFFICIENT HEATING AND COOLING

WHAT IS A MINI-SPLIT?

Halcyon systems eliminate the need for a traditional central system and bulky ductwork by using small tubing that pumps refrigerant directly to discreet wall mounted or concealed units inside. Even more remarkable, this same system works in reverse during the cold season, absorbing heat energy from the outside air and moving it indoors to heat your home. The result? Efficient year-round cooling and heating, zoning flexibility, and optimum comfort in any climate.

Available in numerous mix-and-match capacities and configurations, there's a Halcyon mini-split system for even the most difficult to heat and cool areas.

HOW DOES A MINI-SPLIT WORK?

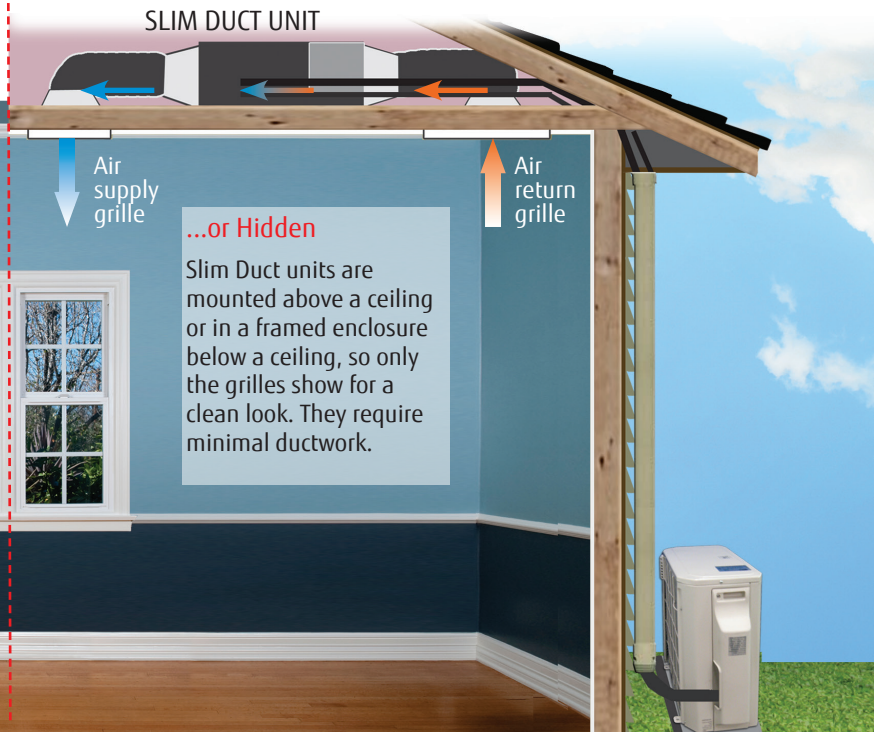
A heat pump uses electricity to pump refrigerant and transfer heat energy from one space to another. In the summer, heat energy from inside is absorbed and released outdoors. In the winter, heat energy is absorbed from the outside air and released inside.



WALL MOUNT UNIT

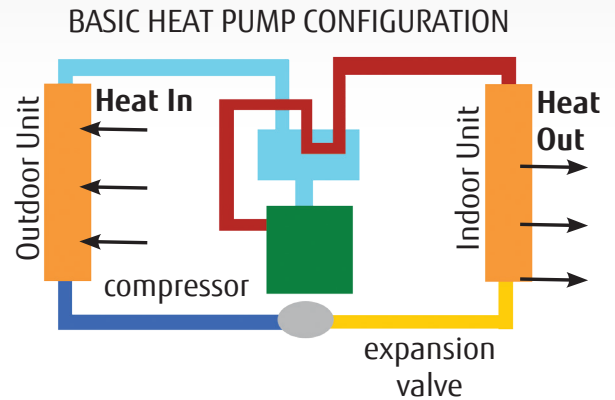


SLIM DUCT UNIT



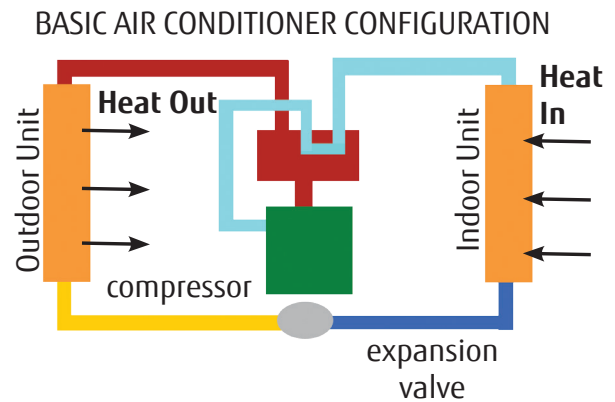
HEAT PUMPS PROVIDE HEAT WHEN IT IS COLD

Fujitsu heat pumps absorb heat from the outdoors, and release it within your home, even on the coldest of days. We use efficient compressors to pump refrigerant via small copper tubing from outdoors to indoors. Inverter efficiency allows us to transfer heat at a ratio of 3 to 4 times higher compared to electric baseboard heat.

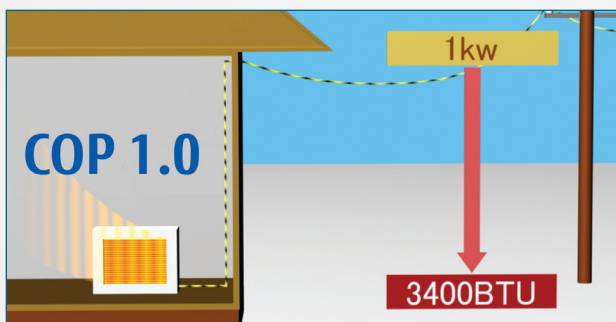


AIR CONDITIONERS PROVIDE COOLING WHEN IT'S WARM

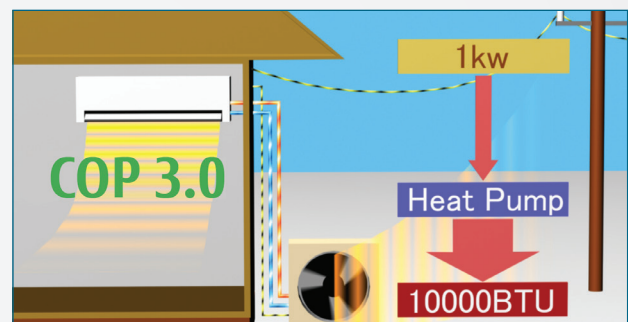
Come spring and summer, simply reverse the process and put the same system into "cooling mode" and transfer heat from indoors to the outside. For many climates, the advanced technology that goes into these units creates a far more cost effective alternative to either gas or oil-fired units for heat, or a central ducted system for air conditioning. Fujitsu's full mini-split line is comprised of heat pumps, which provide both heating and cooling.



ELECTRIC HEATERS VERSUS HEAT PUMPS



An electric heater converts electricity directly to heat. For every kW of electricity used, 3,400 BTUH of heat are produced. Ironically, electric heaters are 100% efficient, however the ratio of power input to heat output* is only 1.0.



Heat pumps are more efficient than many other forms of heating because heat pumps do not actually create heat - they just move it from one place to another. For example, a heat pump with a COP of 3.0 will produce three times the heat output per power input, compared to an electric resistance heater with a COP of 1.0.

COP (Coefficient of Performance) - Rated BTU capacity divided by total kW input.

INDIVIDUAL ZONING: PERSONALIZED WHOLE-HOME COMFORT

MULTI-ZONE MINI SPLIT SYSTEMS

Halcyon Systems are some of today's most advanced forms of heating and air conditioning. One outdoor unit can operate up to 5 indoor units simultaneously. Fujitsu's Systems are super quiet as well as highly energy efficient.

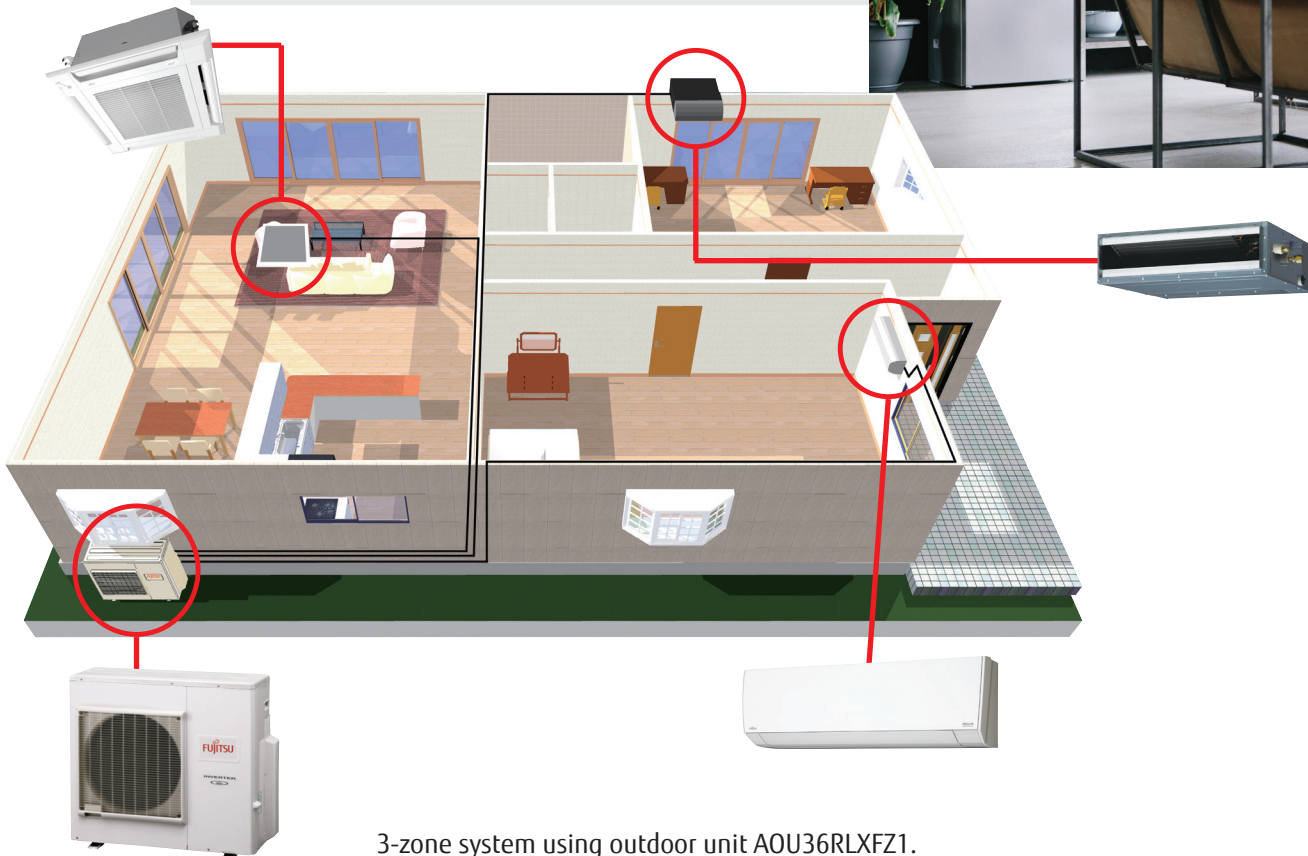


- Each indoor unit can be operated independently via remote control
- Choose from a variety of indoor unit styles
- Provide both heating and cooling (not simultaneously)
- High energy efficiencies
- Quiet operation

WALL MOUNTED

They mount high on a wall, out of sight and do not require ductwork, increasing energy efficiency.

- Quiet operation
- Easy maintenance
- High delivered efficiency means lower utility bills



3-zone system using outdoor unit AOU36RLXFZ1.



SLIM DUCT

Installed horizontally above ceiling or vertically within wall space. They use less ductwork and remain very energy efficient.

- Concealed and out of sight
- Horizontal or Vertical Installation
- Less ducts = higher efficiency

FLOOR MOUNTED

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom.

- Compact size fits easily under a standard window
- Features twin fan design for improved heat delivery and help those cold feet.
- Designer wireless remote control



COMPACT CASSETTE

Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.

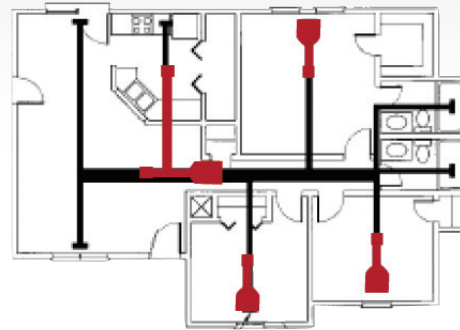
- Wired or wireless remote control options
- Powerful turbo fan operation
- Fits into a standard 2' x 2' ceiling grid

A SOLUTION FOR ALL OF YOUR COMFORT NEEDS

DUCTLESS TECHNOLOGY

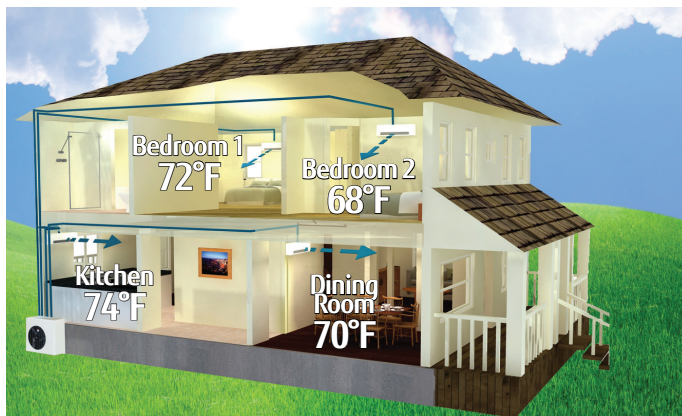
Fujitsu systems are compact, meaning they install easily and won't take up valuable closet space. Since mini-splits have little or no ducting, they forego energy losses typically associated with central forced-air systems. Duct losses in a central air system can easily account for more than 30% of energy consumption, especially if the ducts are not sealed tightly or installed in an unconditioned space such as an attic or crawlspace.

CENTRAL AIR SYSTEM VERSUS FUJITSU QUAD ZONE



Thick black lines represent ducts of a central air system.

Red lines represent mini-ducts of a Fujitsu Quad Zone Slim Duct System.



WHOLE HOME OR BUSINESS COMFORT

Fujitsu's Halcyon systems provide home and business owners just the right amount of heating and cooling needed by installing 2 to 5 indoor units connected to one outdoor unit. Indoor units vary by size and style, each creating its own "zone" of comfort, allowing you to heat or cool individual rooms, hallways and open spaces.

A YEAR ROUND SOLUTION

Revolutionary Halcyon heat pumps provide both heating and cooling for year round comfort in most climates. A simple push of a button on the remote control allows you to switch from heating to cooling (or vice versa) automatically.



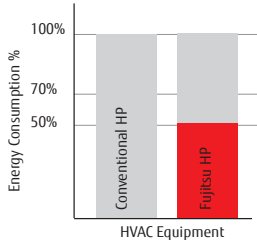
OTHER APPLICATIONS

The 30RLXEH is specially engineered for spaces which require constant cool temperatures year round, and/or rooms that hold a large number of people (meeting spaces, classrooms, conference rooms).

ENERGY EFFICIENT: THE SMART CHOICE IN COMFORT

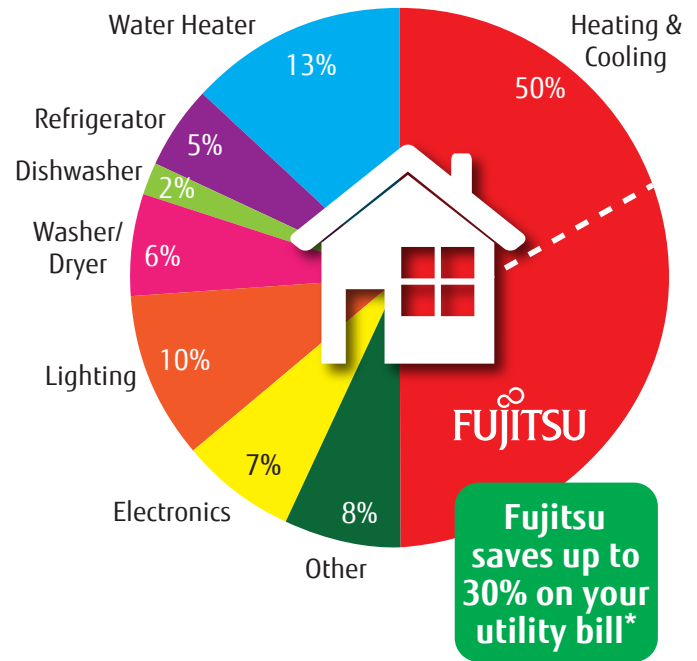
As much as half of the energy used in your home goes to heating and cooling. So, making smart decisions about your home's heating and air conditioning system can have a big effect on your utility bills – and your comfort.

WHERE DOES MY MONEY GO?



The high energy efficiencies of Halcyon systems slash utility bills by up to 30%. If your average annual utilities are \$4,200, Fujitsu can save you up to \$1,260 annually or \$12,600 in 10 yrs!*

*Savings may vary based on model selected, hours of operation and geographical location. Example given based on 33-SEER system versus 14-SEER system.



REBATES

To encourage customers to buy energy efficient products, many local utility companies offer significant rebates for the purchase of a ductless mini-split system. Go to Fujitsu's web site to search for local rebates and consumer loans. We provide a listing of rebates and offerings on qualifying Fujitsu mini-splits by zip code.

www.fujitsugeneral.com

ENERGY STAR® QUALIFIED SYSTEMS

If your HVAC equipment is more than 10 years old or not keeping your house comfortable, you should have it looked at by a professional HVAC contractor. If it is not performing efficiently or needs upgrading, consider replacing it with a unit that has earned ENERGY STAR®. Installed correctly, these high-efficiency heating and cooling units can save up to 30% on heating and cooling costs.



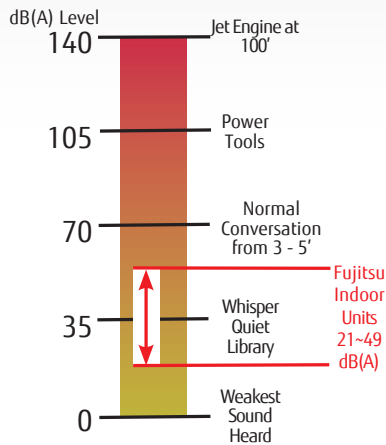
Fujitsu has many systems that meet ENERGY STAR and Energy Star Most Efficient ratings in 2021. See the lineup chart on pages 18-19 for a full listing of all ENERGY STAR® qualified systems.



COMFORT AND CONVENIENCE

FLEXIBLE AND QUIET

Mini splits offer flexibility because they can be suspended from a ceiling, mounted flush behind a drop ceiling, hung on a wall or floor-standing. Ductless heat pumps allow for a peaceful inside environment by enabling the contractor to install components like compressors and motors outdoors.

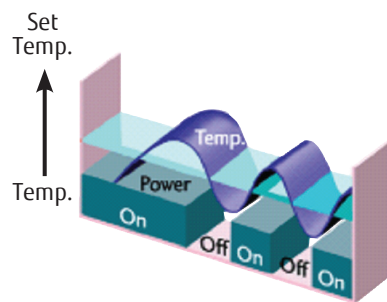


CONSTANT COMFORT THROUGH INVERTER TECHNOLOGY

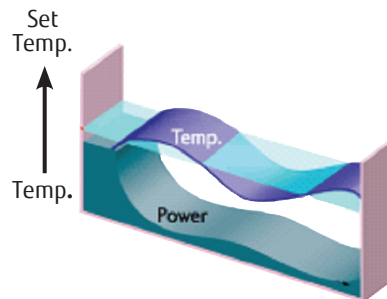
Inverter technology is like cruise control for your heating or cooling system. Compressors only run as fast as they need to handle the cooling or heating demand. They can handle greater extremes in temperature, are smoother and more stable in operation, and precisely maintain the desired temperature through system modulation.

Inverter Benefits

- More heat at lower outdoor temperatures
- Lower RPM = quieter operation
- Maintains desired temperature
- Up to 30% more efficient
- Stable temperature



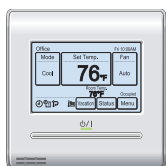
Conventional System



Inverter System

USER FRIENDLY CONTROL

Fujitsu is using ergonomics to expand the use of user friendly designs such as easy-to-read large LCD displays, easy-to-operate buttons, and displays with easily recognizable colors and icons. Our control systems provide greater convenience for both individual and centralized control with operability suitable for the application.



Optional Wired Remote
UTY-RNRUZ Series

Standard Wireless Remote for select systems



APPLICATIONS



WHERE CAN MINI-SPLITS BE USED?

- Convenience stores
- Fast food chains
- Fire houses
- Police stations
- Bars
- Sunrooms and additions
- Warehouses
- Nursing homes
- Small offices
- Older homes
- New construction homes
- Schools
- Places of worship
- Hospitals and medical facilities
- Restaurants
- Hotels and motels
- ATM vestibules
- Historic Buildings



**JUST ABOUT ANY
PLACE THAT
REQUIRES
COMFORT!**

FGLair® APP

Control your home's climate anytime, anywhere!

Access control functions remotely from any smartphone or tablet.



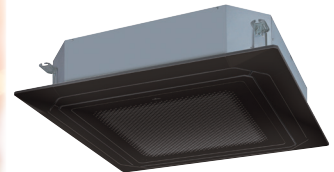
WALL UNIT



SLIM DUCT



FLOOR UNIT



LARGE CASSETTE



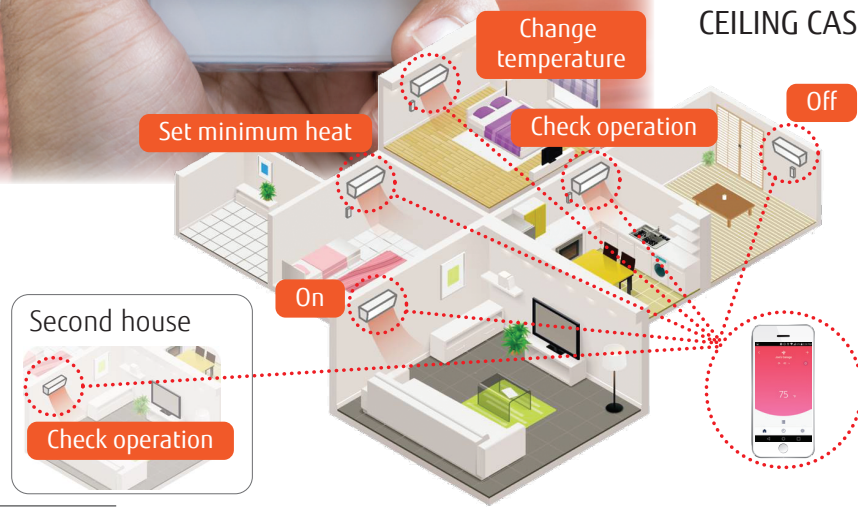
MEDIUM STATIC DUCTED



CEILING CASSETTE

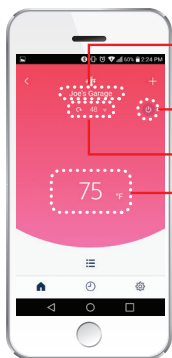


MULTI-POSITION AIR HANDLER



USER FRIENDLY INTERFACE

User friendly screen display facilitates easy operation.



- Individual AC name display
- ON/OFF button
- Room temperature*
- Temperature setting

Control up to 24 systems using a single free account.







MAIN FUNCTIONS

- ON / OFF
- Operation mode
- Fan speed
- Louver position
- Set temperature control
- Weekly timer
- Minimum heat
- Energy Saving Program
- Error display
- Email notification



*Not available with UTY-TFNX22.

FUJITSU HALCYON WIFI SELECTION GUIDE

| WIFI CONNECTABLE UNITS & MODULES | | | | | | |
|---|---|---------------------|---|--|---|---|
| FGLAIR® | | | | Intesis AC Cloud Control® | | |
|  |  | |  |  |  |  |
| Built In | Wi-Fi Interface Module | | Wi-Fi Interface Module | IR Wireless Module | Wired Module | Wired Module |
| ASUG 09/12/15 LZAS | UTY-TFNXZ2 (Add-on) | UTY-TFSXZ2 (Add-on) | UTY-TFSXF1 (Add-on) | FJ-IR-WIFI-1NA (Add-on) | FJ-RC-WIFI-1NA (Add-on) | FJ-AC-WIFI-1 (Add-on) |

WHICH APP DOES IT USE?

| FGLAIR® | | Intesis AC Cloud Control® | |
|---|--|---|--|
| FGLAIR® APP FEATURES: <ul style="list-style-type: none"> • On/Off • Change Mode • Change Temp Setpoint • Fan Speed • Louver/Swing Position • Weekly Timer • Economy Setting • Emailed Error Alerts NOTE: Room temperature display only available with LZAS1, LZAH1 units and UTY-TFSXZ2 or UTY-TFSXF1. | | Intesis AC Cloud Control® APP FEATURES: <ul style="list-style-type: none"> • On/Off • Change Mode • Change Temp Setpoint • Fan Speed • Room Temp (available on FJ-AC-WIFI-1) • Louver/Swing Position • Weekly Timer • Fully Programmable • Alarm Notifications • Voice Control / IFTTT | |
| App available on iOS and Android. | | App available on iOS and Android. Can also be run through a web browser. | |

WHERE DOES IT MOUNT?

| | | | | | | |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Built into the LZAS | On the wall next to IDU | On the wall next to IDU | Mounts inside unit case | Up to 20' away from IDU | On the wall next to IDU | On the wall next to IDU |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|

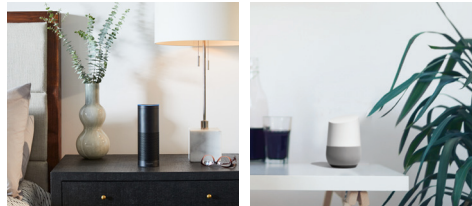
COMPATIBLE UNITS:

| WALL MOUNTS: | WALL MOUNTS: | WALL MOUNTS: | WALL MOUNTS: | WALL MOUNTS: | WALL MOUNTS: | WALL MOUNTS: |
|-------------------|---|--|------------------------------|--|--|--|
| ASUG 09/12/15LZAS | ASU 7 / 9 / 12 / 15RFL1 ¹ | | ASUG 09/12LMAS | ASU 7 / 9 / 12 / 15RFL1 | ASU 7 / 9 / 12 / 15RFL1 ^{1,3} | ASU30RLE |
| | ASU 18 / 24RLF | | ASUH09 / 12LMAS [^] | ASU 18 / 24RLF | ASU 18 / 24RLF ³ | ASUG09 / 12LMAS |
| | ASU 18 / 24RLB | | | ASU 18 / 24RLB | ASU 18 / 24RLB ³ | ASUH09 / 12LMAS [^] |
| | ASU 30 / 36RLXB | | | ASU 30 / 36RLXB | ASU 30 / 36RLXB ³ | |
| | ASU30RLE | | | | | |
| | CASSETTES: | CASSETTES: | | CASSETTES: | CASSETTES: | CASSETTES: |
| | AUU 7 / 9 / 12 / 18RLF | AUU 18 / 24 / 30 / 36 / 42 / 48RGLX | | AUU 7 / 9 / 12 / 18RLF | AUU 7 / 9 / 12 / 18RLF | AUU 18 / 24 / 30 / 36 / 42 / 48RGLX |
| | DUCTED: | DUCTED: | | DUCTED: | DUCTED: | DUCTED: |
| | ARU 7 / 9 / 12 / 18 / 24RLF | ARU 12 / 18 / 24 / 30 / 36 / 42 / 48RGLX | | ARU 7 / 9 / 12 / 18 / 24RLF ² | ARU 7 / 9 / 12 / 18 / 24RLF | ARU 12 / 18 / 24 / 30 / 36 / 42 / 48RGLX |
| | FLOOR MOUNTS: | FLOOR MOUNTS: | | FLOOR MOUNTS: | FLOOR MOUNTS: | FLOOR MOUNTS: |
| | AGU 9 / 12 / 15RFL | AMUG 24 / 30 / 36 / 48 LMAS | | AGU 9 / 12 / 15RFL | AGU 9 / 12 / 15RFL ³ | AMUG 24 / 30 / 36 / 48 LMAS |
| | UTY-TFNXZ2 cannot be installed in conjunction with Wired Remote Controls. | | | UNIVERSAL / CEILING: | UNIVERSAL / CEILING: | |
| | | | | ABU 18 / 24RULX | ABU 18 / 24RULX | |
| | | | | ABU36RSLX | ABU36RSLX | |

¹requires UTY-XCBXZ2 ²requires UTY-LRHUM ³requires UTY-WIFI [^]Coming Q3 2021

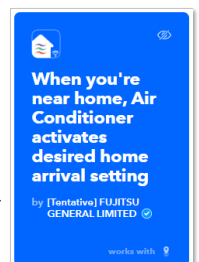
VOICE CONTROL FOR YOUR FUJITSU HALCYON SYSTEM USING AMAZON ECHO OR GOOGLE HOME

All Fujitsu Halcyon systems can be voice controlled with Amazon Echo or Google Home speakers.



IFTTT (IF THIS THEN THAT)

Multi system integration through cloud services. Choose from a number of applets to operate your system based on Geo-fencing, Weather conditions, Google Calendar and more.



EXTRA LOW TEMPERATURE HEATING - XLTH

NOT ALL HEATING SYSTEMS ARE CREATED EQUAL

Without the right technology, a system won't work when it's needed most.

PROTECTION FROM WINTERS' COLDEST TEMPERATURES

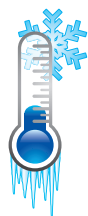
When the temperature drops you don't want to be left in the cold. It's important to choose a heat pump system rated for the climate you live in. If your system doesn't operate in severe conditions, it may not provide enough heat when needed most.

Fujitsu's line of mini-split heat pumps are available in different sizes, styles, and rated outdoor temperatures. The Extra Low Temperature Heating (**XLTH**) Series features outdoor condensing units engineered to operate in temperatures down to -15°F.



HIGH PERFORMANCE HEATING

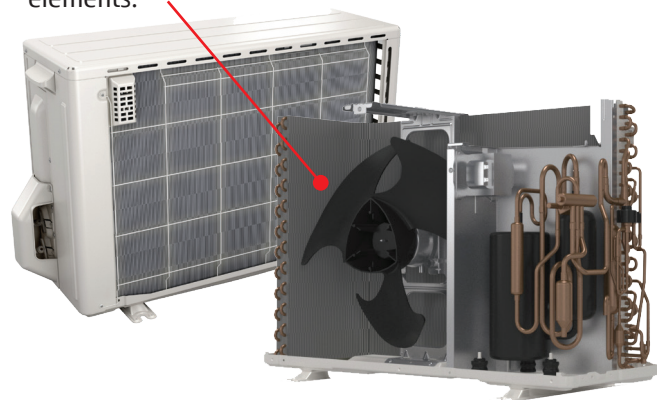
Fujitsu XLTH units feature a high efficiency, multi-layer heat exchanger and high capacity compressor. This gives our XLTH heat pumps the ability to extract heat even at very low outdoor temperatures. All XLTH models offer superior heating performance down to -15°F outdoor temperatures.



Fujitsu XLTH systems do not have a low temperature lockout, continuing to heat even below -15°F as conditions allow.

METAL FAN GUARD

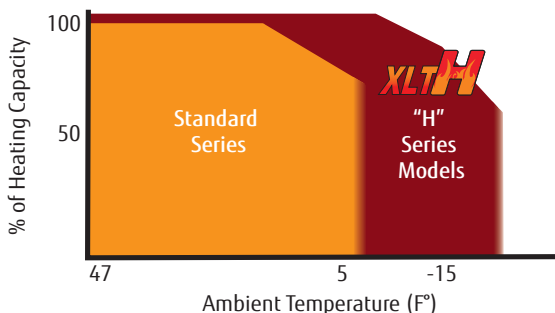
While other models have a plastic fan guard, XLTH models use metal, which is most capable of withstanding the colder elements.



Without the right technology, condensate freezes to the bottom of the unit and reduces its efficiency and heating output.

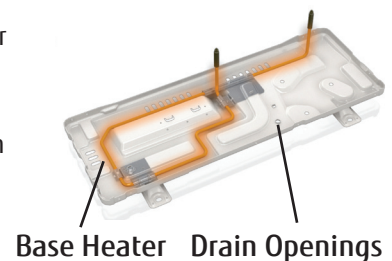
IMPROVED HEATING CAPACITY

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor.



BASE PAN HEATER

- Equipped with a heater that prevents condensate from freezing
- Contoured base design discharges melted water through drain holes.
- Without a heater, freezing condensate can cause noise, damage to fan blades, condenser, and reduced system performance.



FEATURE EXPLANATION

ENERGY SAVING

SEER

Seasonal Energy Efficiency Rating. Used to express efficiency of an AC or Heat Pump. A higher rating means a more efficient system.

HSPF

Heating Seasonal Performance Factor, measures the efficiency of the heating portion of your heat pump.



Economy Mode

Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Energy Saver

Keeps room cool enough for comfort by using a relaxed thermostat setting reducing power consumption.



Energy Saving Program (ESP)

When the zone is unoccupied for 20 minutes, the ESP function is enabled to reduce energy consumption until occupied once again. Function is not available in multi-zone installations.



ENERGY STAR® Qualified

Qualified products and practices help you save money and reduce greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.



Minimum Heat Mode

Sets room temperature to 50°F, keeping temperatures above freezing and reducing power consumption.

COMFORT



Auto Changeover (heating to cooling or vice-versa)*

Automatically alternates between heating or cooling if the room temperature falls 4 °F below the set temperature when cooling or rises 4 °F above set temperature when heating.



Auto Fan Mode

System starts in high fan speed and automatically adjusts downward as room begins to reach set temperature.



Auto Louver: 4 Way

Redirects airflow automatically with up/down and left/right motion.



Auto Louver: Up/Down

Redirects airflow automatically with seven position up and down motion which can be set to auto swing.



Auto Restart

Following a power failure, systems will automatically restart in the same operating mode as before, once power has been restored.



Dry Mode

This mode gives priority to reducing the level of humidity in the room, in conjunction with lowering the temperature.



Fresh Air Intake

Outside air can be introduced by attaching field supplied flexible duct to fresh air knockouts.



Outdoor Unit Low Noise+

Limits compressor and fan speed during high speed operation for noise reduction purposes.



Powerful Operation

20 minutes of continuous operation at maximum airflow and maximum compressor speed. Rapid cooling and heating makes the room comfortable quickly.



Quiet Mode (Indoor Unit)

An extra quiet fan speed to make sure you are not disturbed.

+ Function is bypassed during defrost and at low speed operation. This feature may limit cooling/heating capacity during high/low ambient conditions and increase energy consumption as system may need to operate longer due to reduced compressor speed.

* Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. Areas with dissimilar conditioning requirements should be independently zoned.



Standard Warranty

Fujitsu systems come standard with either a 6 Year Compressor / 2 Year Parts warranty or a 7 Year Compressor / 5 Year Parts warranty.



Extended Warranty

Additional info on page 75. See full product warranty for details.

CONVENIENCE



24 Hour Timer

Allows for one on/off cycle during a 24 hour period.



Sleep Timer

Automatically adjusts the temperature while you sleep to make you more comfortable.



Weekly Timer

Allows you to set on/off time twice a day and a different on/off time by day.

PERFORMANCE



Apple Catechin Filter (polyphenol ingredient from apples)

Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited. 3 - 12 month life expectancy.



Cold Air Prevention

Indoor coil will warm prior to fan operating, preventing cold air during heating mode.



Expanded Heating Performance

Delivers 100% of rated heating capacity at +5°F (-15°C).



High Ceiling Mode

Temperature at the top of a high ceiling room may be warmer than the space occupied; this mode adjusts for this difference.



Ion Deodorizing Filter

Deodorizes by decomposing absorbed odors using the oxidizing and reducing effects of ions generated by fine ceramic particles. 3 year life expectancy. Wash to restore surface action.



Pump Down Operation

Collects all refrigerant in system back into the outdoor unit if the unit needs to be relocated. Eliminates costly refrigerant recovery procedures.



Remote Temperature Sensor

Room temperature sensor is located in optional wired remote control only.



Third Party Device Control

Turns system on or off using a normally closed circuit. Interface with third party devices such as home automation.



0°F Low Ambient Cooling

Can operate in cooling mode with outdoor temperatures as low as 0°F. Cooling performance beyond published temperature ratings is not guaranteed.



-5°F Low Ambient Cooling

Can operate in cooling mode with outdoor temperatures down to -5°F. Cooling performance beyond published temperature ratings is not guaranteed.

INSTALLATION



Base Pan Heater

Prevents condensate from freezing on the outdoor unit.



Blue Fin Coating

Blue Fin treatment to the outdoor unit's heat exchanger improves corrosion resistance.



Hydro Fin Coating

Clear hydrophilic treatment added to the outdoor unit's heat exchanger improves corrosion resistance.



Branch Duct Capable

Systems are capable of attaching field-supplied branch ducts providing up to 38% of the cooling up to 16 feet away.



Built-In Condensate Pump

Integrated into the indoor unit.



Daisy Chain

Ability to connect up to 16 identical style indoor units to one wired remote.



Long Piping Length

Long piping lengths between equipment offers flexible outdoor unit location options.





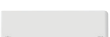















Slender Fit

Cassette body can be moved downward into the room 1-3/8" to accommodate limited ceiling space.

SYSTEM FEATURE SUMMARY

| | SINGLE-ZONE HEAT PUMPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|------------------------|---------|---------|---------|---------|-------|---------|---------|---------|---------|---------|---------|-------------|----------|----------|------------------|----------|-----------|---------|--------|--------|-------|--------|--------|---------|--------|---------|--------|---------|---------|-------|--------|--------|---|---|---|
| | WALL MOUNT | | | | | | | | | | | | FLOOR MOUNT | | | COMPACT CASSETTE | | SLIM DUCT | | | | | | | | | | | | | | | | | | |
| | 9RL2 | 09LMA51 | 09LMAH1 | 09LZAS1 | 09LZAH1 | 12RL2 | 12LMA51 | 12LMAH1 | 12LZAS1 | 12LZAH1 | 15LZAS1 | 15LZAH1 | 18RLB | 18RLXFW1 | 18RLXFWH | 24RLB | 24RLXFW1 | 24RLXFWH | 30RLXEH | 30RLXB | 36RLXB | 9RLFF | 9RLFFH | 12RLFF | 12RLFFH | 15RLFF | 15RLFFH | 9RLFCC | 12RLFCC | 18RLFCC | 9RLFC | 12RLFC | 18RLFC | | | |
| Economy Mode | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Energy Saver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Energy Saving Pgm (ESP) | | | | ● | ● | | | | ● | ● | ● | ● | | | | | | | ● | | | | | | | | | | | | | | | | | |
| ENERGY STAR® Qualified | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| Minimum Heat Mode | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | |
| Auto Changeover | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| Auto Fan Mode | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Auto Louver: 4 Way | | | ● | ● | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | | |
| Auto Louver: Up/ Down | ● | ● | ● | | | ● | ● | ● | | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ▼ | ▼ | ▼ | |
| Auto Restart | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Dry Mode | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Fresh Air Intake | | | | | | | | | | | | | | | | | | | | | | | | | | | ◆ | ◆ | ◆ | | | | ● | ● | ● | |
| Outdoor Unit Low Noise | | | ● | ● | | | | ● | ● | ● | ● | | | | | | | | ● | | | | | | | | | | | | | | | | | |
| Powerful Operation | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | ● | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Quiet Mode (Indoor Unit) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 24 Hour Timer | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Sleep Timer | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Weekly Timer | □ | □ | ● | ● | | □ | □ | ● | ● | ● | ● | ● | □ | □ | ● | □ | □ | ● | ● | □ | □ | □ | □ | □ | □ | □ | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Apple Catechin Filter | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Cold Air Prevention | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Expanded Htg. Performance | | | ● | ● | | | | ● | ● | ● | ● | | ● | ● | ● | | ● | ● | ● | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| High Ceiling Mode | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | ● | ● | | | | | | | |
| Ion Deodorizing Filter | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Pump Down Operation | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | | |
| Remote Temp. Sensor | ■ | ■ | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | ● | ● | ● | ● | ● | ● | ● | ● | |
| **Third Party Device Control | ○ | ○ | ○ | ○ | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | | | | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| 0° Low Ambient Clg. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -5° Low Ambient Clg. | | | | | | | | | | | | | | ● | ● | | ● | ● | ● | | | | | | | | | | | | | | | | | |
| Base Pan Heater | | ● | ● | | | ● | ● | ● | | ● | | | | ● | ● | | ● | ● | ● | | | | ● | ● | ● | | | | | | | | | | | |
| Blue Fin Coil Protection | | | | | | | | | | | | | ● | ● | | ● | ● | ● | ● | | | | | | | | | ● | | | | | | | | |
| Hydro Fin | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Branch Duct Capable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Built-In Condensate Pump | | | | | | | | | | | | | | | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Daisy Chain | ■ | ■ | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | □ | ● | ● | ● | ● | ● | ● | ● | ● | |
| Long Piping Length (164'+) | | | | | | | | | | | | | ● | ● | | ● | ● | ● | ● | | | | | | | | | | | | | | | | | |
| Slender Fit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warranty: 6 Yr Comp / 2 Yr Parts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warranty: up to 12 Yr Comp / Parts | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |








SINGLE-ZONE AND MULTI-ZONE SYSTEMS LINEUP

| SINGLE ZONE WALL MOUNTED MINI-SPLITS | | | | | | | |
|---|--|--|--|--|---------------------------------------|----------|----------|
| BTU | | 9,000 | 12,000 | 15,000 | 18,000 | | |
| BEST | Wall Mount Highest Efficiency  | ★ 14°F -5°F ASUG09LZAS / AOUG09LZAS1 | ★ 14°F -5°F ASUG12LZAS / AOUG12LZAS1 | ★ 14°F -5°F ASUG15LZAS / AOUG15LZAS1 | | | |
| | XLTH Wall Mount Extra Low Temp Heating  | ★ 14°F -15°F ASUG09LZAS / AOUG09LZAH1 | ★ 14°F -15°F ASUG12LZAS / AOUG12LZAH1 | ★ 14°F -15°F ASUG15LZAS / AOUG15LZAH1 | ★ 14°F -15°F ASU18RLF / AO18RLXFWH | | |
| BETTER | Wall Mount High Efficiency  | ★ 14°F 5°F ASUG09LMAS / AOUG09LMAS1 | ★ 14°F 5°F ASUG12LMAS / AOUG12LMAS1 | | ★ -5°F -5°F ASU18RLF / AO18RLXFW1 | | |
| | XLTH COMING Q3 21 Wall Mount Extra Low Temp Heating  | ★ 14°F -15°F ASUH09LMAS / AOUH09LMAH1 | ★ 14°F -15°F ASUH12LMAS / AOUH12LMAH1 | | | | |
| GOOD | Wall Mount Entry Level  | 15°F 15°F ASU9RL2 / AO9RL2 | 15°F 15°F ASU12RL2 / AO12RL2 | | ★ 14°F 5°F ASU18RLB / AO18RLB | | |
| SINGLE ZONE NON-WALL MOUNTED MINI-SPLITS | | | | | | | |
| | Floor Mount Highest Efficiency  | ★ 14°F -5°F AGU9RLF / AO9RLFF | ★ 14°F -5°F AGU12RLF / AO12RLFF | ★ 14°F -5°F AGU15RLF / AO15RLFF | | | |
| | XLTH Floor Mount Extra Low Temp Heating  | ★ 14°F -15°F AGU9RLF / AO9RLFFH | ★ 14°F -15°F AGU12RLF / AO12RLFFH | ★ 14°F -15°F AGU15RLF / AO15RLFFH | | | |
| | Compact Cassette  | ★ 14°F -5°F AAU9RLF / AO9RLFC | ★ 14°F -5°F AAU12RLF / AO12RLFC | | 14°F -5°F AAU18RLF / AO18RLFC | | |
| | Slim Duct Horizontal/Vertical  | ★ 14°F -5°F ARU9RLF / AO9RLFC | ★ 14°F -5°F ARU12RLF / AO12RLFC | | 14°F -5°F ARU18RLF / AO18RLFC | | |
| Infinite Comfort Series | Medium-Static Ducted  | | ★ 14°F -5°F ARU12RGLX / AO12RLFC | | ★ -5°F -5°F ARU18RGLX / AO18RGLX | | |
| | Multi-Position Air Handler  | | | | | | |
| | Universal Mount / Ceiling Only  | | | | 0°F 14°F ABU18RULX / AO18RLX | | |
| | Large Cassette Circular Flow  | | | | ★ -5°F -5°F AAU18RGLX / AO18RGLX | | |
| MULTI ZONE DUCTLESS HEAT PUMPS - INDOOR UNITS | | | | | | | |
| BTU | | 7,000 | 9,000 | 12,000 | 15,000 | 18,000 | 24,000 |
| | Compact Wall Mount  | ASU7RLF1 | ASU9RLF1 | ASU12RLF1 | ASU15RLF1 | | |
| | Large Wall Mount  | | | | | ASU18RLF | ASU24RLF |
| | Slim Duct  | ARU7RLF | ARU9RLF | ARU12RLF | | ARU18RLF | ARU24RLF |
| | Compact Cassette  | AAU7RLF | AAU9RLF | AAU12RLF | | AAU18RLF | |
| | Floor Mount  | | AGU9RLF | AGU12RLF | AGU15RLF | | |

★: Energy Star Qualified ■: Minimum Ambient Cooling Temperature ■: Minimum Ambient Heating Temperature

| | 24,000 | 30,000 | 36,000 | 42,000 | 48,000 |
|--|---|--|---|---|---|
| | | | | | |
| | ★ -5°F -15°F ASU24RLF / AOU24RLXFWH | ★ -5°F -15°F ASU30RLE / AOU30RLXEH | | | |
| | ★ -5°F -5°F ASU24RLF / AOU24RLXFW1 | | | | |
| | 14°F 5°F ASU24RLB / AOU24RLB | 14°F 5°F ASU30RLXB / AOU30RLXB | 14°F 5°F ASU36RLXB / AOU36RLXB | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | ★ -5°F -5°F ARU24RGLX / AOU24RGLX | -5°F -5°F ARU30RGLX / AOU30RGLX | -5°F -5°F ARU36RGLX / AOU36RGLX | -5°F -5°F ARU42RGLX / AOU42RGLX | -5°F -5°F ARU48RGLX / AOU48RGLX |
| | -5°F -5°F AMUG24LMAS / AOU24RGLX | -5°F -5°F AMUG30LMAS / AOU30RGLX | 14°F -5°F AMUG36LMAS / AOU36LMAS1 | | 14°F -5°F AMUG48LMAS / AOU48LMAS1 |
| | 0°F 14°F ABU24RULX / AOU24RLX | | 0°F 14°F ABU36RSLX / AOU36RLX | | |
| | ★ -5°F -5°F AOU24RGLX / AOU24RGLX | -5°F -5°F AOU30RGLX / AOU30RGLX | -5°F -5°F AOU36RGLX / AOU36RGLX | -5°F -5°F AOU42RGLX / AOU42RGLX | -5°F -5°F AOU48RGLX / AOU48RGLX |

MULTI ZONE DUCTLESS HEAT PUMPS- OUTDOOR UNITS

| BTU | 18,000 (2 Indoor Units) | 24,000 (2 - 3 Indoor Units) | 36,000 (2 - 4 Indoor Units) | 45,000 (2 - 5 Indoor Units) |
|---------------|---|---|--|---|
| BEST |  XLTH ★ 14°F -15°F AOU18RLXFZH |  XLTH ★ 14°F -15°F AOU24RLXFZH |  XLTH ★ 14°F -15°F AOU36RLXFZH | |
| BETTER |  ★ 14°F 5°F AOU18RLXFZ |  ★ 14°F 5°F AOU24RLXFZ |  14°F 5°F AOU36RLXFZ1 |  14°F 5°F AOU45RLXFZ |

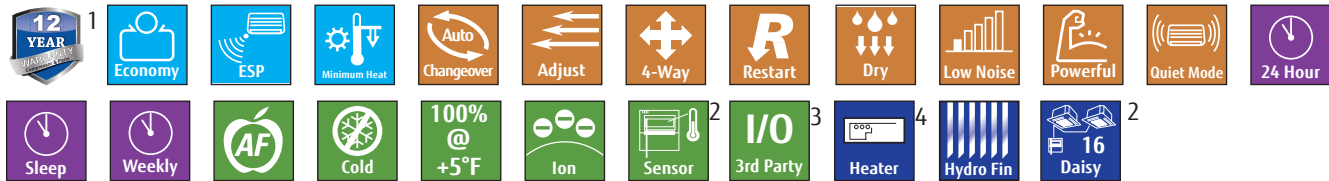
+ For ENERGY STAR® qualified combinations, see page 58 and page 60.

SINGLE-ZONE MINI-SPLIT SYSTEMS

Making the hottest places cool and the coolest places more comfortable

- Extensive lineup from 9,000 to 48,000 BTU
- 32 different systems available in 7 indoor unit styles
- Energy efficient systems with SEER ratings as high as 33.1 and HSPF as high as 14.2
- 29 ENERGY STAR® qualified systems
- Inverter Technology is used in all systems
- All systems feature environmentally friendly R410A refrigerant
- Quiet operation with indoor units as low as 19dB(A) and outdoor units as low as 46dB(A)

9, 12, 15,000 BTUH WALL MOUNT HEAT PUMPS



- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wired Remote Control and optional interface kit.
- 3 Available only with optional interface kit. Operation monitoring and On/Off control only.
- 4 XLTH models only

ENERGY SAVING PROGRAM (ESP) FUNCTION

With the ESP function, the ASUG*LZAS system actively monitors occupancy and adjusts system settings accordingly to achieve optimum energy savings.

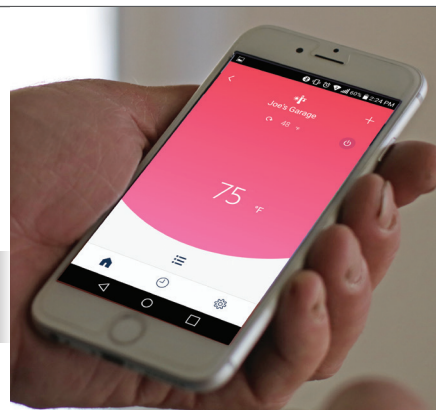
Once the system detects an occupant, the settings are reverted to the user defined settings in order to maintain comfort.

HIGH PERFORMANCE HEATING

The LZAS1 model can operate down to -5°F. The LZAH1 can operate down to -15°F. See the full XLTH story on page 14.

BUILT-IN WI-FI

Remotely operate your heating and cooling system using a smartphone as a remote control. Details on page 12



OPTIONAL ACCESSORIES

- Wired Remote Controller UTY-RNRUZ Series
- Simple Remote Controller UTY-RSRY / UTY-RHRY
- Communication Kit..... UTY-TWRXZ2
- External Input and Output PCB.....UTY-XCSXZ2
- Thermostat Converter.....UTY-TTRX

SYSTEMS 09LZAS1, 12LZAS1, 15LZAS1 HIGH HEAT SYSTEMS 09LZAH1, 12LZAH1, 15LZAH1

UP TO 33.1 SEER



| | | 09LZAS1 | | 12LZAS1 | | 15LZAS1 | | 09LZAH1 | | 12LZAH1 | | 15LZAH1 | |
|---|-------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|------------------------------|---------------------|
| Performance | | | | | | | | XLH | | XLH | | XLH | |
| Nominal Cooling | BTUh | 9,000 | | 12,000 | | 14,500 | | 9,000 | | 12,000 | | 14,500 | |
| Min.-Max. Cooling | BTUh | 3,100~12,000 | | 3,100~13,600 | | 3,100~18,400 | | 3,100~12,000 | | 3,100~13,600 | | 3,100~18,400 | |
| Nominal Heating | BTUh | 12,000 | | 16,000 | | 18,000 | | 12,000 | | 16,000 | | 18,000 | |
| Min.-Max. Heating | BTUh | 3,100~22,000 | | 3,100~22,100 | | 3,100~23,900 | | 3,100~22,000 | | 3,100~22,100 | | 3,100~23,900 | |
| SEER | | 33.1 | | 29.4 | | 25.3 | | 33.1 | | 29.4 | | 25.3 | |
| HSPF | | 14.2 | | 14.0 | | 13.4 | | 14.0 | | 13.8 | | 13.3 | |
| EER | | 18.0 | | 15.2 | | 13.9 | | 18.0 | | 15.2 | | 13.9 | |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | |
| Heating Operating Range | °F (°C) | -5~75 (-21~24) | | -5~75 (-21~24) | | -5~75 (-21~24) | | -15~75 (-26~24) | | -15~75 (-26~24) | | -15~75 (-26~24) | |
| Moisture Removal | Pt./h (l/h) | 2.5 (1.2) | | 2.7 (1.3) | | 4.0 (1.9) | | 2.5 (1.2) | | 2.7 (1.3) | | 4.0 (1.9) | |
| Max Htg % of Nominal Capacity at +5°F (-15°C)* | | 171% | | 138% | | 140% | | 171% | | 138% | | 140% | |
| Max Htg % of Nominal Capacity at -5°F (-21°C)* | | 156% | | 125% | | 124% | | 156% | | 125% | | 124% | |
| Max Htg % of Nominal Capacity at -15°F (-26°C)* | | -- | | -- | | -- | | 123% | | 98% | | 109% | |
| Fan (Cooling Mode) | | | | | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 542 (920) | | 542 (920) | | 583 (990) | | 542 (920) | | 542 (920) | | 583 (990) | |
| Medium | CFM (m3/h) | 406 (690) | | 406 (690) | | 459 (780) | | 406 (690) | | 406 (690) | | 459 (780) | |
| Low | CFM (m3/h) | 312 (530) | | 312 (530) | | 312 (530) | | 312 (530) | | 312 (530) | | 312 (530) | |
| Quiet | CFM (m3/h) | 206 (350) | | 206 (350) | | 241 (410) | | 206 (350) | | 206 (350) | | 241 (410) | |
| Fan Speed Stage | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | |
| Sound | | | | | | | | | | | | | |
| Indoor Level (Clg/Htg): Hi | dB(A) | 43/43 | | 43/43 | | 45/45 | | 43/43 | | 43/43 | | 45/45 | |
| Medium | dB(A) | 37/36 | | 37/36 | | 40/39 | | 37/36 | | 37/36 | | 40/39 | |
| Low | dB(A) | 31/31 | | 31/31 | | 32/32 | | 31/31 | | 31/31 | | 32/32 | |
| Quiet | dB(A) | 23/23 | | 23/23 | | 26/26 | | 23/23 | | 23/23 | | 26/26 | |
| Outdoor Level Clg/Htg | dB(A) | 46/47 | | 47/47 | | 49/50 | | 46/47 | | 47/47 | | 49/50 | |
| Electrical | | | | | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 15 | | 15 | | 20 | | 15 | | 15 | | 20 | |
| Current Rated/Max: Cooling | Amps | 2.5/9.4 | | 3.8/9.4 | | 4.8/9.9 | | 2.5/9.4 | | 3.8/9.4 | | 4.8/9.9 | |
| Current Rated/Max: Heating | Amps | 3.3/10.9 | | 4.7/10.9 | | 5.2/13.4 | | 3.3/11.9 | | 4.7/11.9 | | 5.2/14.4 | |
| Power Use Rated/Max: Cooling | kW | 0.50/0.85 | | 0.79/0.99 | | 1.04/1.56 | | 0.50/0.85 | | 0.79/0.99 | | 1.04/1.56 | |
| Power Use Rated/Max: Heating | kW | 0.66/1.93 | | 1.01/1.94 | | 1.15/2.19 | | 0.66/1.93 | | 1.01/1.94 | | 1.15/2.19 | |
| Size & Weight | | | | | | | | | | | | | |
| Net Weight | lbs. (kg) | 29 (13) | 84 (38) | 29 (13) | 84 (38) | 29 (13) | 86 (39) | 29 (13) | 86 (39) | 29 (13) | 86 (39) | 29 (13) | 88 (40) |
| Dimensions: Height | Inch | 11 | 24-7/8 | 11 | 24-7/8 | 11 | 24-7/8 | 11 | 24-7/8 | 11 | 24-7/8 | 11 | 24-7/8 |
| | mm | 280 | 632 | 280 | 632 | 280 | 632 | 280 | 632 | 280 | 632 | 280 | 632 |
| Width | Inch | 38-9/16 | 31-7/16 | 38-9/16 | 31-7/16 | 38-9/16 | 31-7/16 | 38-9/16 | 31-7/16 | 38-9/16 | 31-7/16 | 38-9/16 | 31-7/16 |
| | mm | 980 | 799 | 980 | 799 | 980 | 799 | 980 | 799 | 980 | 799 | 980 | 799 |
| Depth | Inch | 9-7/16 | 11-7/16 | 9-7/16 | 11-7/16 | 9-7/16 | 11-7/16 | 9-7/16 | 11-7/16 | 9-7/16 | 11-7/16 | 9-7/16 | 11-7/16 |
| | mm | 240 | 290 | 240 | 290 | 240 | 290 | 240 | 290 | 240 | 290 | 240 | 290 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | | | | | |
| Air Direction: Horizontal | | Automatic | | Automatic | | Automatic | | Automatic | | Automatic | | Automatic | |
| Vertical | | Automatic | | Automatic | | Automatic | | Automatic | | Automatic | | Automatic | |
| Air Filter | | Washable | | Washable | | Washable | | Washable | | Washable | | Washable | |
| Minimum Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | |
| Maximum Lineset Length | Ft (m) | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | |
| Max. Vertical Diff. | Ft (m) | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | |
| Lineset Size | Inch | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 1/2 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 1/2 | Liq. 1/4 |
| | | Indoor ASUG09LZAS | Outdoor AOUG09LZAS1 | Indoor ASUG12LZAS | Outdoor AOUG12LZAS1 | Indoor ASUG15LZAS | Outdoor AOUG15LZAS1 | Indoor ASUG09LZAS | Outdoor AOUG09LZAH1 | Indoor ASUG12LZAS | Outdoor AOUG12LZAH1 | Indoor ASUG15LZAS | Outdoor AOUG15LZAH1 |

* Based on model # capacity class (e.g. 09LZAS1 based on 9,000 BTUh) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for expanded heating capacity data.

Note: Figures are based on 230 Volts.

9 AND 12,000 BTU_h WALL MOUNT HEAT PUMPS



1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
 2 Available only with optional wired remote control.
 3 Available only with optional wired remote control and optional interface kit.

4 Available only with optional interface kit. Operation monitoring and On/Off control only.
 5 See page 13 for details.

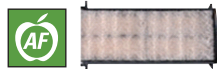
BUILT IN FILTRATION

LONG-LIFE ION DEODORIZATION FILTER



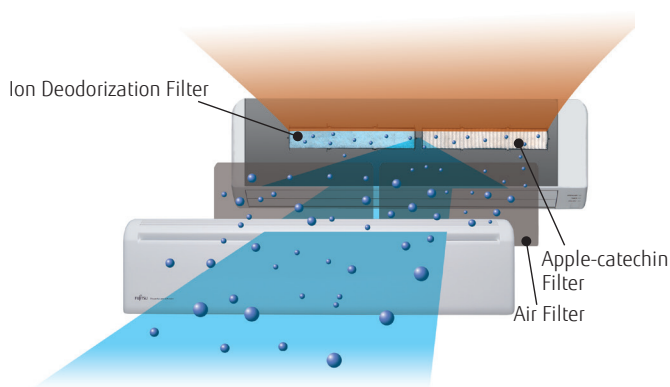
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine particle ceramic. The filter can be used for approximately 3 years if it is washed with water when dirty to restore its surface action.

is washed with water when dirty to restore its surface action.



APPLE-CATECHIN FILTER

Dust, mold spores and micro-organisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated. Filter lasts 3-12 months.



EXTRA LOW TEMP HEATING - COMING Q3 21 ✨

LMAH1 models operate efficiently and provide high heating capacity down to -15°F, ideal for cold climate applications. See the full *xLTH* story on page 14.

OPTIONAL ACCESSORIES

- Wired Remote Controller UTY-RNRUZ Series
- Simple Remote Controller UTY-RSRY / UTY-RHRY
- Wireless LAN Interface UTY-TXSFX1
- Thermostat Converter.....UTY-TTRX
- External Input and Output PCB.....UTY-XCSXZ2
- External Connect Kit..... UTY-XWZXZ5
- Communication Kit..... UTY-TWRXZ2



STRENGTH AND RELIABILITY

Improved reliability is achieved by using HCRC (High Corrosion Resistant Copper) for the indoor unit heat exchanger. Testing has proven to show that HCRC is resilient and stronger than the standard and OFC (Oxygen Free Copper) when exposed to corrosive environments.

COMING Q3 21 - HIGH HEAT

SYSTEMS 09LMAS1, 12LMAS1 SYSTEMS 09LMAH1, 12LMAH1

UP TO 26.5 SEER

09LMAS1



12LMAS1



09LMAH1



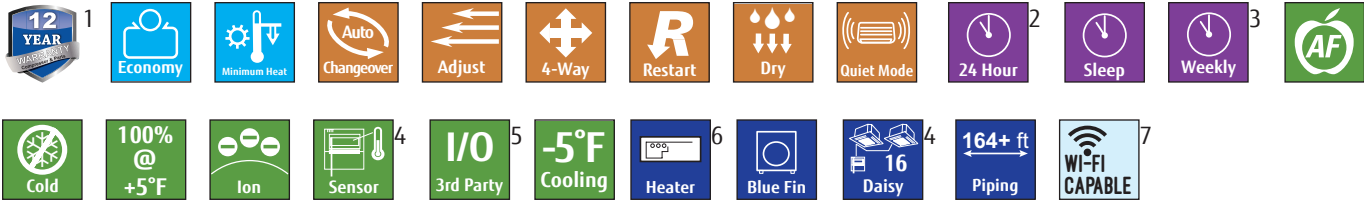
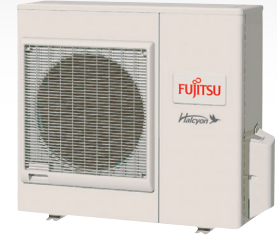
12LMAH1



| Performance | | 09LMAS1 | | 12LMAS1 | | 09LMAH1 | | 12LMAH1 | |
|----------------------------------|-------------|------------------------------|------------------------|------------------------------|------------------------|------------------------------|------------------------|------------------------------|------------------------|
| Nominal Cooling | BTUh | 9,000 | | 12,000 | | 9000 | | 12000 | |
| Min.-Max. Cooling | BTUh | 3,400-10,900 | | 3,400-13,300 | | 3,400-11,500 | | 3,400-13,300 | |
| Nominal Heating | BTUh | 12,000 | | 16,000 | | 12000 | | 16000 | |
| Min.-Max. Heating | BTUh | 2,800-15,000 | | 2,800-19,100 | | 2,800-16,000 | | 2,800-19,100 | |
| SEER | | 26.5 | | 23.0 | | 26.5 | | 23 | |
| HSPF | | 13.0 | | 12.5 | | 13 | | 12.5 | |
| EER | | 14.3 | | 12.5 | | 15.4 | | 12.5 | |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | | 14~115 (-10~46) | | 14 to 115 (-10 to 46) | | 14 to 115 (-10 to 46) | |
| Heating Operating Range | °F (°C) | 5~75 (-15~24) | | 5~75 (-15~24) | | -15 to 75 (-26 to 24) | | -15 to 75 (-26 to 24) | |
| Moisture Removal | Pt./h (l/h) | 2.7 (1.3) | | 3.8 (1.8) | | 2.7 (1.3) | | 3.8 (1.8) | |
| Fan (Cooling Mode) | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 453 (770) | | 453 (770) | | 453 (770) | | 453 (770) | |
| Medium | CFM (m3/h) | 353 (600) | | 353 (600) | | 353 (600) | | 353 (600) | |
| Low | CFM (m3/h) | 265 (450) | | 265 (450) | | 265 (450) | | 265 (450) | |
| Quiet | CFM (m3/h) | 147 (250) | | 147 (250) | | 147 (250) | | 147 (250) | |
| Fan Speed Stage | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | |
| Sound | | | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 43/43 | | 43/43 | | 43/43 | | 43/43 | |
| Medium | dB(A) | 36/38 | | 36/38 | | 36/38 | | 36/38 | |
| Low | dB(A) | 30/33 | | 30/33 | | 30/33 | | 30/33 | |
| Quiet | dB(A) | 19/21 | | 19/21 | | 19/21 | | 19/21 | |
| Outdoor Sound Level Clg/Htg | dB(A) | 46/48 | | 49/51 | | 46/48 | | 49/51 | |
| Electrical | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 15 | | 15 | | 15 | | 15 | |
| Current Rated/Max: Cooling | Amps | 3.1/6.4 | | 4.7/6.9 | | 3/6.9 | | 4.7/6.9 | |
| Current Rated: Heating | Amps | 4.0/7.9 | | 6.0/9.4 | | 3.9/9.4 | | 6/9.4 | |
| Power Use Rated/Max: Cooling | kW | 0.63/0.92 | | 0.96/1.27 | | 0.585/1.27 | | 0.96/1.27 | |
| Power Use Rated/Max: Heating | kW | 0.84/1.61 | | 1.28/1.67 | | 0.79/1.67 | | 1.28/1.67 | |
| Size & Weight | | | | | | | | | |
| Net Weight | lbs. (kg) | 22 (10) | 68 (31) | 22 (10) | 71 (32) | 22 (10) | 73 (33) | 22 (10) | 73 (33) |
| Dimensions: Height | Inch | 10-5/8 | 21-5/16 | 10-5/8 | 21-5/16 | 10-5/8 | 21- 5/16 | 10-5/8 | 21- 5/16 |
| | mm | 270 | 542 | 270 | 542 | 270 | 542 | 270 | 542 |
| Width | Inch | 32-13/16 | 31-7/16 | 32-13/16 | 31-7/16 | 32-13/16 | 31- 7/16 | 32-13/16 | 31- 7/16 |
| | mm | 834 | 799 | 834 | 799 | 834 | 799 | 834 | 799 |
| Depth | Inch | 8-3/4 | 11-7/16 | 8-3/4 | 11-7/16 | 8-3/4 | 11- 7/16 | 8-3/4 | 11- 7/16 |
| | mm | 222 | 290 | 222 | 290 | 222 | 290 | 222 | 290 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | |
| Air Direction: Horizontal | | Manual | | Manual | | Manual | | Manual | |
| Vertical | | Automatic | | Automatic | | Automatic | | Automatic | |
| Air Filter | | Washable | | Washable | | Washabale | | Washabale | |
| Minimum Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | |
| Maximum Lineset Length | Ft (m) | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | |
| Max. Vertical Diff. | Ft (m) | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | |
| Lineset Size | Inch | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 |
| | | Indoor ASUG09LMAS | Outdoor AOUG09LMAS1 | Indoor ASUG12LMAS | Outdoor AOUG12LMAS1 | Indoor ASUH09LMAH1 | Outdoor AOUH09LMAH1 | Indoor ASUH12LMAH1 | Outdoor AOUH12LMAH1 |

Note: Figures are based on 230 Volts.

18 AND 24,000 BTU_h WALL MOUNT HEAT PUMPS



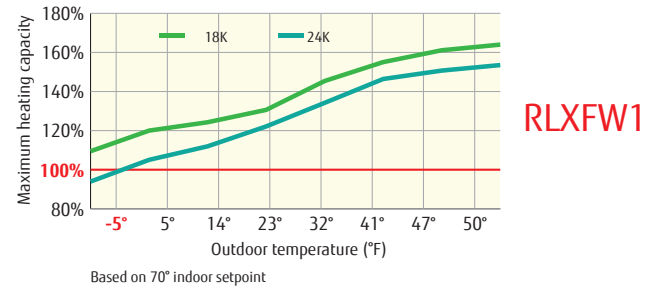
1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
 2 RLXFW1 systems only.
 3 RLXFW1 systems require optional wired remote control.

4 Available only with optional wired remote control.
 5 Available only with optional Interface kit. Operation monitoring and On/Off control only.
 6 RLXFWH models only.
 7 See page 13 for details.

HIGH PERFORMANCE HEATING CAPACITY

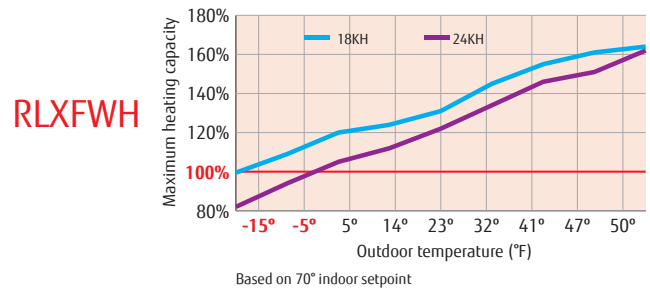
Stay comfortable at low ambient temperatures! The RLXFW1 systems can deliver 100% or more of rated heating capacity at 5°F (-15°C) and operates down to -5°F (-21°C).

The RLXFWH model can operate down to -15°F. See the full **XLTH** story on page 14.



OPTIONAL ACCESSORIES

- Wired Remote Control UTY-RVNUM
- Wired Remote Control UTY-RNNUM
- Simple Remote Control.....UTY-RSNUM
- Dry Contact Wire Kit UTY-XWZX
- Wi-Fi Interface Module UTY-TFNXZZ



SYSTEMS 18RLXFW1, 24RLXFW1 HIGH HEAT SYSTEMS 18RLXFWH, 24RLXFWH

UP TO 20 SEER

18RLXFW1



24RLXFW1



18RLXFWH



24RLXFWH

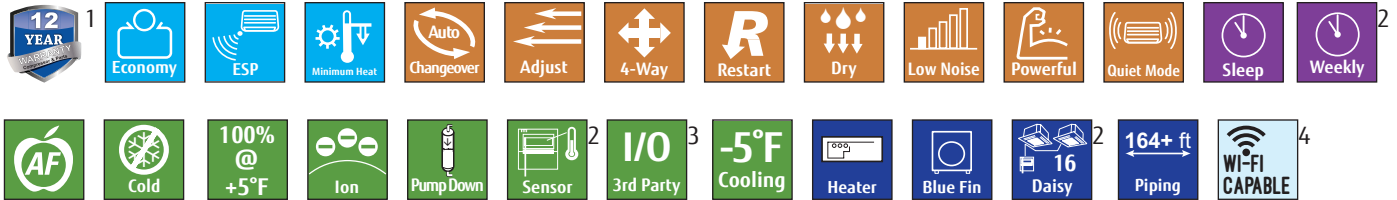


| Performance | | | | | | XLH | | XLH | |
|---|-------------|-------------------------------|----------|-------------------------------|----------|-------------------------------|----------|-------------------------------|----------|
| Nominal Cooling | BTUh | 18,000 | | 22,000 | | 18,000 | | 22,000 | |
| Min.-Max. Cooling | BTUh | 7,000~23,000 | | 9,900~27,300 | | 7,000~23,000 | | 9,900~27,300 | |
| Nominal Heating | BTUh | 21,600 | | 25,200 | | 21,600 | | 25,200 | |
| Min.-Max. Heating | BTUh | 7,000~29,000 | | 7,500~36,200 | | 7,000~29,000 | | 7,500~36,200 | |
| SEER | | 20.0 | | 19.5 | | 20.0 | | 19.5 | |
| HSPF | | 10.5 | | 10.6 | | 10.4 | | 10.5 | |
| EER | | 13.3 | | 12.5 | | 13.3 | | 12.5 | |
| Cooling Operating Range | °F (°C) | -5~115 (-20~46) | | -5~115 (-20~46) | | -5~115 (-20~46) | | -5~115 (-20~46) | |
| Heating Operating Range | °F (°C) | -5~75 (-20~24) | | -5~75 (-20~24) | | -15~75 (-26~24) | | -15~75 (-26~24) | |
| Moisture Removal | Pt./h (l/h) | 5.9 (2.8) | | 6.3 (3.0) | | 5.9 (2.8) | | 6.3 (3.0) | |
| Max Htg % of Nominal Capacity at +5°F (-15°C)* | | 120% | | 105% | | 120% | | 105% | |
| Max Htg % of Nominal Capacity at -5°F (-21°C)* | | 109% | | 94% | | 109% | | 94% | |
| Max Htg % of Nominal Capacity at -15°F (-26°C)* | | - | | - | | 100% | | 82% | |
| Fan (Cooling Mode) | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 541 (920) | | 659 (1,120) | | 541 (920) | | 659 (1,120) | |
| Medium | CFM (m3/h) | 435 (740) | | 530 (900) | | 435 (740) | | 530 (900) | |
| Low | CFM (m3/h) | 365 (620) | | 435 (740) | | 365 (620) | | 435 (740) | |
| Quiet | CFM (m3/h) | 306 (520) | | 365 (620) | | 306 (520) | | 365 (620) | |
| Fan Speed Stage | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | |
| Sound | | | | | | | | | |
| Indoor Level (Clg/Htg): Hi | dB(A) | 43/44 | | 49/49 | | 43/44 | | 49/49 | |
| Medium | dB(A) | 37/37 | | 42/42 | | 37/37 | | 42/42 | |
| Low | dB(A) | 33/33 | | 37/37 | | 33/33 | | 37/37 | |
| Quiet | dB(A) | 28/28 | | 33/33 | | 28/28 | | 33/33 | |
| Outdoor Level Clg/Htg | dB(A) | 47/50 | | 54/55 | | 47/50 | | 54/55 | |
| Electrical | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 20 | | 30 | | 20 | | 20 | |
| Current Rated/Max: Cooling | Amps | 6.2/13.5 | | 7.9/15.0 | | 6.2/13.5 | | 7.9/15 | |
| Current Rated/Max: Heating | Amps | 7.8/14.5 | | 8.6/15.5 | | 7.8/14.5 | | 8.6/15.5 | |
| Power Use Rated/Max: Cooling | kW | 1.35/3.01 | | 1.76/3.42 | | 1.35/3.01 | | 1.76/3.42 | |
| Power Use Rated/Max: Heating | kW | 1.80/3.23 | | 2.38/3.53 | | 1.75/3.23 | | 1.94/3.53 | |
| Size & Weight | | | | | | | | | |
| Net Weight | lbs. (kg) | 31 (14) | 134 (61) | 31 (14) | 134 (61) | 31 (14) | 135 (61) | 31 (14) | 135 (61) |
| Dimensions: Height | Inch | 12-5/8 | 32-3/4 | 12-5/8 | 32-3/4 | 12-5/8 | 32-3/4 | 12-5/8 | 32-3/4 |
| | mm | 320 | 830 | 320 | 830 | 320 | 830 | 320 | 830 |
| Width | Inch | 39-1/4 | 35-3/8 | 39-1/4 | 35-3/8 | 39-1/4 | 35-3/8 | 39-1/4 | 35-3/8 |
| | mm | 998 | 900 | 998 | 900 | 998 | 900 | 998 | 900 |
| Depth | Inch | 9 | 13 | 9 | 13 | 9 | 13 | 9 | 13 |
| | mm | 228 | 330 | 228 | 330 | 228 | 330 | 228 | 330 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | |
| Air Direction: Horizontal | | Automatic | | Automatic | | Automatic | | Automatic | |
| Vertical | | Automatic | | Automatic | | Automatic | | Automatic | |
| Air Filter | | Washable | | Washable | | Washable | | Washable | |
| Minimum Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | |
| Maximum Lineset Length | Ft (m) | 164 (50) (pre-charge: 66') | | 164 (50) (pre-charge: 66') | | 164 (50) (pre-charge: 65') | | 164 (50) (pre-charge: 65') | |
| Max. Vertical Diff. | Ft (m) | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | |
| Lineset Size | Inch | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas5/8 | Liq.3/8 | Gas5/8 | Liq.3/8 |

* Based on model # capacity class (e.g. 9RLS3Y based on 9,000 BTUh) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.

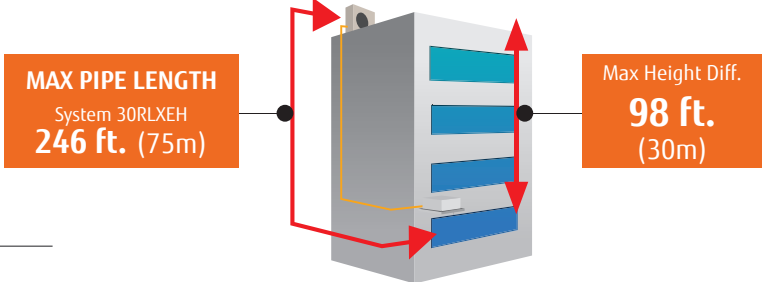
Note: Figures are based on 230 Volts.

30,000 BTU_h WALL MOUNT HEAT PUMP



1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
 2 Available only with optional wired remote control.
 3 Available only with optional Interface kit.
 4 See page 13 for details.

The 30RLXEH is specially engineered for applications that require cooling year round, and/or rooms with large heat loads such as classrooms and conference rooms.



EXTENDED LINESET

Long piping lengths between indoor and outdoor units provide flexibility and increased applications.

LEAD-LAG FUNCTION

Lead-lag function provides a redundant cooling system by pairing two 30RLXEH systems together delivering a unique solution for many applications.[^]

Lead-lag function provides the following operation modes:

- Alternative Operation – units alternate operation, so neither unit is running at the same time.
- Emergency Operation – if an error occurs on one unit, the second unit will turn on.*
- Supporting Operation – if the setpoint cannot be reached with one unit alone, the second unit will come on to satisfy the demand for cooling.

LOCK OUT FUNCTION

This feature is set by the contractor on behalf of the Commercial Property Owner to prevent either Cooling or Heating operation from occurring. This is not a function that can be set by a tenant, user or home owner.

[^] Wired remotes cannot be used when using this feature. This includes UTY-RNRUZ Series, UTY-RVNUM, UTY-RNNUM, UTY-RSNUM.
 * Power loss to one of the two units will disengage the lead lag function.

HIGH PERFORMANCE HEATING CAPACITY

The RLXEH model can operate down to -15°F. See the full **XLTH** story on page 14.

ADDITIONAL APPLICATIONS THAT MAY REQUIRE LOW AMBIENT COOLING:

- Conference/Meeting/Training Rooms
- Social Gathering spots
- Places of Worship

OPTIONAL ACCESSORIES

| | |
|---|-------------------------|
| Wi-Fi Interface Module | UTY-TFNXZ2 [^] |
| Wi-Fi Interface Module | UTY-TFSXZ2 |
| Wired Touch Panel Remote Controller | UTY-RNRUZ Series |
| Wired Remote Control | UTY-RVNUM |
| Wired Remote Control | UTY-RNNUM |
| Simple Remote Control..... | UTY-RSNUM |
| Interface Kit | UTY-XCSXZ1 |
| Interface Kit Box..... | UTZ-GXXB |
| Outdoor Unit Input/Output Connector | UTY-XWZXZ3 |



HIGH-HEAT SYSTEM 30RLXEH

UP TO 18.7 SEER

30RLXEH



| Performance | | | |
|--|-------------|-------------------------------|--------------------|
| Nominal Cooling | BTUh | 30,000 | |
| Min.-Max. Cooling | BTUh | 9,900~32,400 | |
| Nominal Heating | BTUh | 32,000 | |
| Min.-Max. Heating | BTUh | 8,000~37,500 | |
| SEER | | 18.7 | |
| HSPF | | 11.7 | |
| EER | | 12.5 | |
| Cooling Operating Range | °F (°C) | -5~115 (-20~46) | |
| Heating Operating Range | °F (°C) | -15~75 (-26~24) | |
| Moisture Removal | Pt./h (l/h) | 9.7 (4.6) | |
| Max Htg % of Nominal Capacity at +5°F (-15°C)* | | 107% | |
| Max Htg % of Nominal Capacity at -5°F (-21°C)* | | 91% | |
| Max Htg % of Nominal Capacity at -15°F (-26°C)* | | 76% | |
| Fan (Cooling Mode) | | | |
| Air Circulation: Hi | CFM (m3/h) | 812 (1,380) | |
| Medium | CFM (m3/h) | 665 (1,130) | |
| Low | CFM (m3/h) | 536 (910) | |
| Quiet | CFM (m3/h) | 418 (710) | |
| Fan Speed Stage | | 4+Auto | |
| Sound | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 50/49 | |
| Medium | dB(A) | 45/44 | |
| Low | dB(A) | 38/38 | |
| Quiet | dB(A) | 32/32 | |
| Outdoor Sound Level Clg/Htg | dB(A) | 53/54 | |
| Electrical | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | |
| Circuit Breaker | Amps | 30 | |
| Current Rated: Cooling | Amps | 10.6 | |
| Current Rated: Heating | Amps | 12.0 | |
| Power Use Rated/Max: Cooling | kW | 2.40/3.83 | |
| Power Use Rated/Max: Heating | kW | 2.74/4.28 | |
| Size & Weight | | | |
| Net Weight | lbs. (kg) | 40 (18) | 205 (93) |
| | Inch | 13-3/8 | 50-13/16 |
| Dimensions: Height | mm | 340 | 1,290 |
| | Inch | 45-1/4 | 35-3/8 |
| Width | mm | 1,150 | 900 |
| | Inch | 11 | 13 |
| Depth | mm | 280 | 330 |
| | | | |
| Refrigerant | | R410A | |
| Additional Data | | | |
| Air Direction: Horizontal | | Automatic | |
| Vertical | | Automatic | |
| Air Filter | | Washable | |
| Minimum Lineset Length | Ft (m) | 16 (5) | |
| Maximum Lineset Length | Ft (m) | 246 (75) (pre-charge: 65') | |
| Max. Vertical Diff. | Ft (m) | 98 (30) | |
| Lineset Size | Inch | Gas 5/8 | Liq. 3/8 |
| *Based on model # capacity class (e.g. 09LZAS1 based on 9,000 BTUh) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data. | | Indoor ASU30RLE | Outdoor AOU30RLXEH |

Note: Figures are based on 230 Volts.

9 AND 12,000 BTUh, 115V, WALL MOUNT HEAT PUMPS



1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in residence. See full warranty for details.
 2 See page 13 for details.

FUNCTION

Stylish, slim and elegant, these popular wall mounted units are designed for single rooms. Indoor units have a clean, aesthetic design and are small but mighty and shorter in length than competing units, helping them blend into any room.

EASY MAINTENANCE

Front panel is easily removed for cleaning.

APPLICATIONS

This category of equipment is ideal when the installation calls for 115 V service or the demand for ultra high efficiency is not present. Do you have a warm or cool spot in your home? Fujitsu mini-splits can provide extra cooling or heating capacity for those hard to cool areas. Commercially, their small size makes them ideal for small offices, providing individual temperature control.



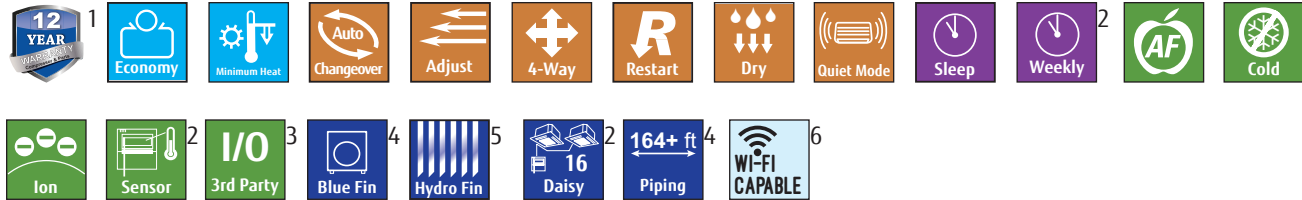
SYSTEMS 9RL2, 12RL2

16.0 SEER

| | | 9RL2 | | 12RL2 | |
|----------------------------------|-------------|------------------------------|--------------------|------------------------------|---------------------|
| Performance | | | | | |
| Nominal Cooling | BTUh | 9,000 | | 12,000 | |
| Min.-Max. Cooling | BTUh | 1,700~10,700 | | 3,100~12,500 | |
| Nominal Heating | BTUh | 10,000 | | 14,000 | |
| Min.-Max. Heating | BTUh | 1,700~12,000 | | 3,100~16,000 | |
| SEER | | 16.0 | | 16.0 | |
| HSPF | | 9.0 | | 9.0 | |
| EER | | 10.8 | | 10.0 | |
| Cooling Operating Range | °F (°C) | 15~115 (-10~46) | | 15~115 (-10~46) | |
| Heating Operating Range | °F (°C) | 15~75 (-10~24) | | 15~75 (-10~24) | |
| Moisture Removal | Pt./h (l/h) | 2.7 (1.3) | | 3.8 (1.8) | |
| Fan (Cooling Mode) | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 436 (740) | | 436 (740) | |
| Medium | CFM (m3/h) | 353 (600) | | 353 (600) | |
| Low | CFM (m3/h) | 265 (450) | | 265 (450) | |
| Quiet | CFM (m3/h) | 191 (325) | | 191 (325) | |
| Fan Speed Stage | | 4 + Auto | | 4 + Auto | |
| Sound | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 43/43 | | 43/43 | |
| Medium | dB(A) | 38/38 | | 38/38 | |
| Low | dB(A) | 33/33 | | 33/33 | |
| Quiet | dB(A) | 23/23 | | 23/23 | |
| Outdoor Sound Level Clg/Htg | dB(A) | 47/48 | | 51/51 | |
| Electrical | | | | | |
| Voltage/Frequency/Phase | | 115/60/1 | | 115/60/1 | |
| Circuit Breaker | Amps | 15 | | 20 | |
| Current Rated: Cooling | Amps | 7.5 | | 10.9 | |
| Current Rated: Heating | Amps | 7.0 | | 11.0 | |
| Power Use Rated: Cooling | kW | 0.83 | | 1.20 | |
| Power Use Rated: Heating | kW | 0.77 | | 1.21 | |
| Size & Weight | | | | | |
| Net Weight | lbs. (kg) | 16 (7) | 64 (29) | 16 (7) | 69 (31) |
| Dimensions: Height | Inch | 10-5/16 | 21-1/4 | 10-5/16 | 21-1/4 |
| | mm | 262 | 540 | 262 | 540 |
| Width | Inch | 32-9/32 | 26 | 32-9/32 | 26 |
| | mm | 820 | 660 | 820 | 660 |
| Depth | Inch | 8-1/8 | 11-11/32 | 8-1/8 | 11-11/32 |
| | mm | 206 | 290 | 206 | 290 |
| Refrigerant | | R410A | | R410A | |
| Additional Data | | | | | |
| Air Direction: Horizontal | | Manual | | Manual | |
| Vertical | | Automatic | | Automatic | |
| Air Filter | | Washable | | Washable | |
| Minimum Lineset Length | Ft (m) | 10 (3) | | 10 (3) | |
| Maximum Lineset Length | Ft (m) | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | |
| Max. Vertical Diff. | Ft (m) | 49 (15) | | 49 (15) | |
| Lineset Diameter | Inch | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 |
| | | Indoor ASU9RL2 | Outdoor AOU9RL2 | Indoor ASU12RL2 | Outdoor AOU12RL2 |

Note: Figures are based on 115 Volts.

18, 24, 30, 36,000 BTUh WALL MOUNT HEAT PUMPS



- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wired remote control.
- 3 Available only with optional Interface kit.
- 4 RLXB models only.
- 5 RLB models only.
- 6 See page 13 for details.

FUNCTION

Stylish, slim and elegant, these wall mounted ductless heat pumps are designed for single rooms. Ideal for spaces that require additional capacity but are limited on space. With more efficient zone control, ductless mini-splits are perfect for renovations, restorations, conversions and add-ons.

LOCK OUT FUNCTION

This feature is set by the contractor on behalf of the Commercial Property Owner to prevent either Cooling or Heating operation from occurring. This is not a function that can be set by a tenant, user or home owner.

OPTIONAL ACCESSORIES

| | |
|------------------------------|------------|
| Wired Remote Control | UTY-RVNUM |
| Wired Remote Control | UTY-RNNUM |
| Simple Remote Control..... | UTY-RSNUM |
| Dry Contact Wire Kit | UTY-XWZX |
| Wi-Fi Interface Module | UTY-TFNXZ2 |



SYSTEMS 18RLB, 24RLB, 30RLXB, 36RLXB

UP TO 19.0 SEER

18RLB



24RLB

30RLXB

36RLXB

| Performance | | 18RLB | | 24RLB | | 30RLXB | | 36RLXB | |
|----------------------------------|-------------|------------------------------|------------------|------------------------------------|------------------|------------------------------------|-------------------|-------------------------------|-------------------|
| Nominal Cooling | BTUh | 18,000 | | 24,000 | | 30,000 | | 33,000 | |
| Min.-Max. Cooling | BTUh | 3,100~19,000 | | 3,100~25,000 | | 9,900~32,400 | | 9,900~34,100 | |
| Nominal Heating | BTUh | 18,000 | | 24,000 | | 30,000 | | 34,000 | |
| Min.-Max. Heating | BTUh | 7,000~20,000 | | 7,500~27,000 | | 8,000~33,000 | | 10,200~35,000 | |
| SEER | | 19.0 | | 18.0 | | 16.5 | | 15.5 | |
| HSPF | | 10.6 | | 10.6 | | 9.0 | | 9.0 | |
| EER | | 12.5 | | 10.0 | | 9.5 | | 8.5 | |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | |
| Heating Operating Range | °F (°C) | 5~75 (-15~24) | | 5~75 (-15~24) | | 5~75 (-15~24) | | 5~75 (-15~24) | |
| Moisture Removal | Pt./h (l/h) | 4.0 (1.9) | | 6.3 (3.0) | | 9.7 (4.6) | | 10.1 (4.8) | |
| Fan (Cooling Mode) | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 542 (920) | | 659 (1,120) Clg 647 (1,100) Htg | | 659 (1,120) Clg 677 (1,150) Htg | | 695 (1,180) | |
| Medium | CFM (m3/h) | 439 (740) | | 530 (900) | | 530 (900) | | 530 (900) | |
| Low | CFM (m3/h) | 365 (620) | | 436 (740) | | 436 (740) | | 436 (740) | |
| Quiet | CFM (m3/h) | 306 (520) | | 365 (620) | | 365 (620) | | 365 (620) | |
| Fan Speed Stage | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | |
| Sound | | | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 42/43 | | 47/47 | | 47/49 | | 50/50 | |
| Medium | dB(A) | 35/36 | | 41/42 | | 42/42 | | 42/42 | |
| Low | dB(A) | 31/33 | | 35/36 | | 37/37 | | 37/37 | |
| Quiet | dB(A) | 26/28 | | 31/33 | | 32/33 | | 32/33 | |
| Outdoor Sound Level Clg/Htg | dB(A) | 51/50 | | 54/55 | | 52/55 | | 52/55 | |
| Electrical | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 15 | | 20 | | 30 | | 30 | |
| Current Rated/Max: Cooling | Amps | 6.4/8.3 | | 10.5/11.8 | | 13.8/16.8 | | 17.0/18.0 | |
| Current Rated/Max: Heating | Amps | 5.8/11.8 | | 8.5/13.8 | | 12.3/18.8 | | 14.8/18.8 | |
| Power Use Rated: Cooling | kW | 1.44/1.89 | | 2.40/2.69 | | 3.16/3.83 | | 3.88/4.10 | |
| Power Use Rated: Heating | kW | 1.29/2.69 | | 1.93/3.14 | | 2.80/4.28 | | 3.39/4.28 | |
| Size & Weight | | | | | | | | | |
| Net Weight | lbs. (kg) | 31 (14) | 86 (39) | 31 (14) | 86 (39) | 31 (14) | 134 (61) | 31 (14) | 134 (61) |
| Dimensions: Height | Inch | 12-5/8 | 24-7/16 | 12-5/8 | 24-7/16 | 12-5/8 | 32-11/16 | 12-5/8 | 32-11/16 |
| | mm | 320 | 620 | 320 | 620 | 320 | 830 | 320 | 830 |
| Width | Inch | 39-5/16 | 31-1/8 | 39-5/16 | 31-1/8 | 39-5/16 | 35-7/16 | 39-5/16 | 35-7/16 |
| | mm | 998 | 790 | 998 | 790 | 998 | 900 | 998 | 900 |
| Depth | Inch | 9 | 11-7/16 | 9 | 11-7/16 | 9 | 13 | 9 | 13 |
| | mm | 228 | 290 | 228 | 290 | 228 | 330 | 228 | 330 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | |
| Air Direction: Horizontal | | Automatic | | Automatic | | Automatic | | Automatic | |
| Vertical | | Automatic | | Automatic | | Automatic | | Automatic | |
| Air Filter | | Washable | | Washable | | Washable | | Washable | |
| Minimum Piping Length | Ft (m) | 10 (3) | | 10 (3) | | 16 (5) | | 16 (5) | |
| Maximum Piping Length | Ft (m) | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 165 (50) (pre-charge: 66') | | 165 (50) (pre-charge: 66') | |
| Maximum Vertical Differential | Ft (m) | 49 (15) | | 49 (15) | | 98 (30) | | 98 (30) | |
| Lineset Size | Inch | Gas 1/2 | Liq. 1/4 | Gas 1/2 | Liq. 1/4 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 |
| | | Indoor ASU18RLB | Outdoor AOU18RLB | Indoor ASU24RLB | Outdoor AOU24RLB | Indoor ASU30RLXB | Outdoor AOU30RLXB | Indoor ASU36RLXB | Outdoor AOU36RLXB |

Note: Figures are based on 230 Volts.

9, 12, 15,000 BTU_h FLOOR MOUNT HEAT PUMPS



| | | | | | | | | | | | | |
|---|--|--|--|---|---|--|---|---|--|--|--|---|
| 1 | | | | | | | | | | | | 2 |
| | | | | 2 | 3 | | 2 | 4 | | | | |

1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
 2 Available with optional wired remote control.
 3 RLFFH models only.
 4 See page 13 for details.

IDEAL RADIATOR REPLACEMENT



At less than 24" high and 30" wide, floor mount models fit easily under a standard window and can replace a radiator twice its size while producing more capacity.

BASE PAN HEATER (RLFFH MODELS)

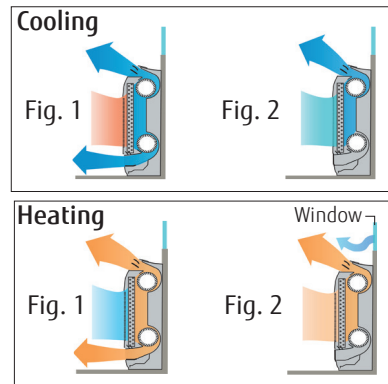
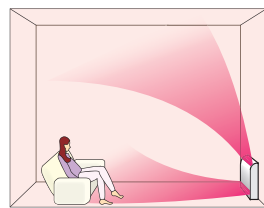
RLFF models can operate down to -5°F. RLFFH models can operate down to -15°F. See the full *XLT H* story on page 14.

OPTIONAL ACCESSORIES

| | |
|-------------------------------|------------|
| Wired Remote Control | UTY-RVNUM |
| Wired Remote Controller | UTY-RNNUM |
| Simple Remote Control..... | UTY-RSNUM |
| Dry Contact Wire Kit | UTY-XWZXZ5 |
| Wi-Fi Interface Module | UTY-TFNXZ2 |

TWO FANS AND WIDE AIRFLOW

Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in "Upward Airflow Only" when occupants wish not to have feet warmed or cooled.



- Cooling**
1. Upon startup, both top and bottom louvers open.
 2. As the room temperature nears the setpoint, only the top louver stays open to help prevent cold air from falling.
- Heating**
1. Upon startup, both top and bottom louvers open.
 2. Closer to setpoint, only the top louver stays open to help prevent cold drafts from windows.

FLEXIBLE AND EASY INSTALLATION

| | | | |
|--------------------------------|---------------------------------|-----------------------|------------------------|
| <p>Beneath standard window</p> | <p>Standard concave portion</p> | <p>Low Wall Mount</p> | <p>Half concealed*</p> |
|--------------------------------|---------------------------------|-----------------------|------------------------|

*Field supplied insulation required

SYSTEMS 9RLFF, 12RLFF, 15RLFF HIGH HEAT SYSTEMS 9RLFFH, 12RLFFH, 15RLFFH

UP TO 26 SEER



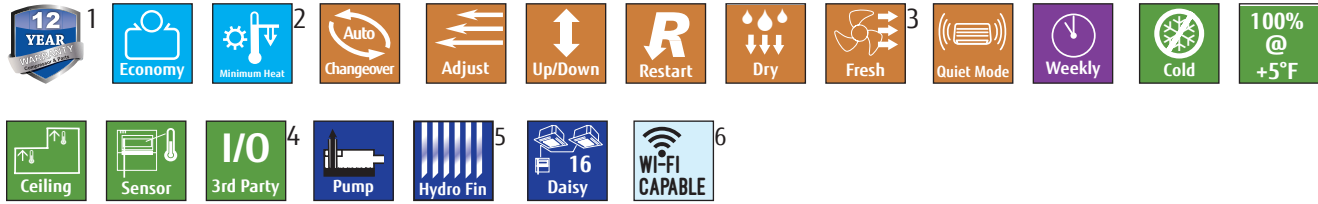
| Performance | | 9RLFF | | 12RLFF | | 15RLFF | | 9RLFFH | | 12RLFFH | | 15RLFFH | |
|--|-------------|------------------------------|------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|--------------------|------------------------------|--------------------|
| Nominal Cooling | BTUh | 9,000 | | 12,000 | | 14,200 | | 9,000 | | 12,000 | | 14,200 | |
| Min.-Max. Cooling | BTUh | 3,100~13,000 | | 3,100~14,300 | | 3,100~17,700 | | 3,100~13,000 | | 3,100~14,300 | | 3,100~17,700 | |
| Nominal Heating | BTUh | 12,000 | | 16,000 | | 18,000 | | 12,000 | | 16,000 | | 18,000 | |
| Min.-Max. Heating | BTUh | 3,100~18,800 | | 3,100~22,100 | | 3,100~23,900 | | 3,100~18,800 | | 3,100~19,500 | | 3,100~20,800 | |
| SEER | | 26.0 | | 22.7 | | 20.3 | | 26.0 | | 22.7 | | 20.3 | |
| HSPF | | 12.6 | | 11.6 | | 11.2 | | 12.4 | | 11.3 | | 11.0 | |
| EER | | 16.0 | | 13.1 | | 12.5 | | 16.0 | | 13.1 | | 12.5 | |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | | 14~115 (-10~46) | |
| Heating Operating Range | °F (°C) | -5~75 (-21~24) | | -5~75 (-21~24) | | -5~75 (-21~24) | | -15~75 (-26~24) | | -15~75 (-26~24) | | -15~75 (-26~24) | |
| Moisture Removal | Pt./h (l/h) | 2.75 (1.3) | | 3.8 (1.8) | | 4.44 (2.1) | | 2.75 (1.3) | | 3.8 (1.8) | | 4.44 (2.1) | |
| Max Htg % of Nominal Capacity at +5°F (-15°C)* | | 149% | | 125% | | 118% | | 149% | | 125% | | 118% | |
| Max Htg % of Nominal Capacity at -5°F (-21°C)* | | 130% | | 111% | | 107% | | 130% | | 111% | | 107% | |
| Max Htg % of Nominal Capacity at -15°F (-26°C)* | | -- | | -- | | -- | | 115% | | 100% | | 96% | |
| Fan (Cooling Mode) | | | | | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 335 (570) | | 335 (570) | | 383 (650) | | 335 (570) | | 335 (570) | | 383 (650) | |
| Medium | CFM (m3/h) | 271 (460) | | 271 (460) | | 306 (520) | | 271 (460) | | 271 (460) | | 306 (520) | |
| Low | CFM (m3/h) | 212 (360) | | 212 (360) | | 235 (400) | | 212 (360) | | 212 (360) | | 235 (400) | |
| Quiet | CFM (m3/h) | 159 (270) | | 159 (270) | | 159 (270) | | 159 (270) | | 159 (270) | | 159 (270) | |
| Fan Speed Stage | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | |
| Sound | | | | | | | | | | | | | |
| Indoor Level (Clg/Htg): Hi | dB(A) | 40/40 | | 40/40 | | 44/43 | | 40/40 | | 40/40 | | 44/43 | |
| Medium | dB(A) | 35/35 | | 35/35 | | 38/37 | | 35/35 | | 35/35 | | 38/37 | |
| Low | dB(A) | 29/29 | | 29/29 | | 31/29 | | 29/29 | | 29/29 | | 31/29 | |
| Quiet | dB(A) | 23/23 | | 23/23 | | 23/23 | | 23/23 | | 23/23 | | 23/23 | |
| Outdoor Level Clg/Htg | dB(A) | 50/50 | | 52/52 | | 54/54 | | 50/50 | | 52/52 | | 54/54 | |
| Electrical | | | | | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 15 | | 15 | | 20 | | 15 | | 15 | | 20 | |
| Current Rated: Cooling | Amps | 2.9 | | 4.2 | | 5.1 | | 2.9 | | 4.2 | | 5.1 | |
| Current Rated: Heating | Amps | 4.1 | | 6.7 | | 7.0 | | 4.1 | | 6.7 | | 7.0 | |
| Power Use Rated: Cooling | kW | .56 | | .97 | | 1.13 | | .56 | | .97 | | 1.13 | |
| Power Use Rated: Heating | kW | .88 | | 1.44 | | 1.58 | | .88 | | 1.44 | | 1.58 | |
| Size & Weight | | | | | | | | | | | | | |
| Net Weight | lbs. (kg) | 31 (14) | 84 (38) | 31 (14) | 84 (38) | 31 (14) | 86 (39) | 31 (14) | 86 (39) | 31 (14) | 86 (39) | 31 (14) | 88 (40) |
| Dimensions: Height | Inch | 23-5/8 | 24-7/16 | 23-5/8 | 24-7/16 | 23-5/8 | 24-7/16 | 23-5/8 | 24-7/16 | 23-5/8 | 24-7/16 | 23-5/8 | 24-7/16 |
| | mm | 600 | 620 | 600 | 620 | 600 | 620 | 600 | 620 | 600 | 620 | 600 | 620 |
| Width | Inch | 29-1/8 | 31-1/8 | 29-1/8 | 31-1/8 | 29-1/8 | 31-1/8 | 29-1/8 | 31-1/8 | 29-1/8 | 31-1/8 | 29-1/8 | 31-1/8 |
| | mm | 740 | 790 | 740 | 790 | 740 | 790 | 740 | 790 | 740 | 790 | 740 | 790 |
| Depth | Inch | 7-7/8 | 11-7/16 | 7-7/8 | 11-7/16 | 7-7/8 | 11-7/16 | 7-7/8 | 11-7/16 | 7-7/8 | 11-7/16 | 7-7/8 | 11-7/16 |
| | mm | 200 | 290 | 200 | 290 | 200 | 290 | 200 | 290 | 200 | 290 | 200 | 290 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | | | | | |
| Air Direction: Horizontal | | Manual | | Manual | | Manual | | Manual | | Manual | | Manual | |
| Vertical | | Auto | | Auto | | Auto | | Auto | | Auto | | Auto | |
| Air Filter | | Washable | | Washable | | Washable | | Washable | | Washable | | Washable | |
| Minimum Lineset Length | Ft (m) | 10 (3) | | 10 (3) | | 10 (3) | | 10 (3) | | 10 (3) | | 10 (3) | |
| Maximum Lineset Length | Ft (m) | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | | 66 (20) (pre-charge: 49') | |
| Max. Vertical Differential | Ft (m) | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | | 49 (15) | |
| Lineset Size | Inch | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 1/2 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 3/8 | Liq. 1/4 | Gas 1/2 | Liq. 1/4 |
| * Based on model # capacity class (e.g. 9RLS3Y based on 9,000 BTUh) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data. | | Indoor AGU9RLF | Outdoor AOU9RLFF | Indoor AGU12RLF | Outdoor AOU12RLFF | Indoor AGU15RLF | Outdoor AOU15RLFF | Indoor AGU9RLF | Outdoor AOU9RLFFH | Indoor AGU12RLF | Outdoor AOU12RLFFH | Indoor AGU15RLF | Outdoor AOU15RLFFH |

Note: Figures are based on 230 Volts.

9, 12, 18,000 BTU/h COMPACT CASSETTE HEAT PUMPS



Compact Cassette Grille UTG-CCGF shown is sold separately and must be ordered with each compact cassette.



- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wireless remote control.
- 3 Requires Fujitsu's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.
- 4 Available only with optional Interface kit. Operation monitoring and On/Off control only. 5 9k and 18k models only.
- 6 See page 13 for details.

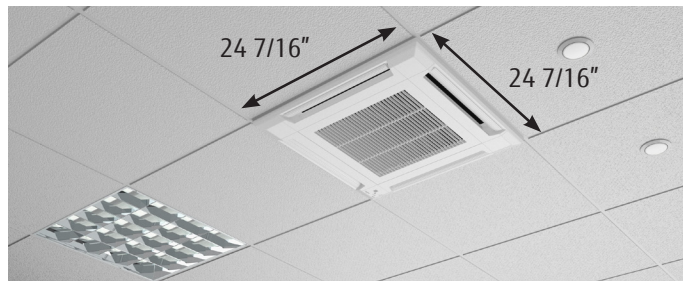
FUNCTION

The compact and stylish design of the cassette grille fits perfectly into a standard 24" square ceiling grid, with no overlapping of adjacent ceiling tiles. Features include high efficiency up to 24.0 SEER, heating at low temperatures down to -5°F, compact design, quiet operation, a standard wired remote control, and the ability to bring in fresh air through the optional Fresh Air Kit.



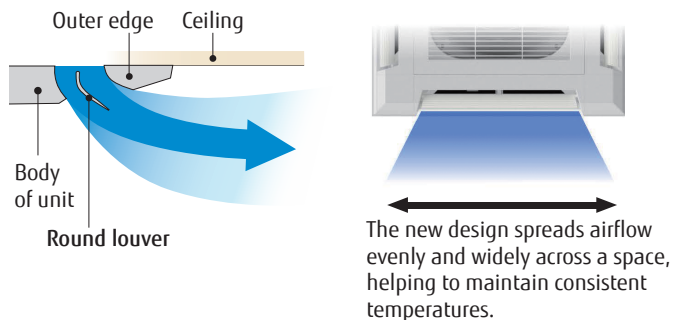
FLEXIBLE INSTALLATION

Since this panel fits into the ceiling grid, it can be installed in various locations. For example, you can install it next to recessed ceiling light fixtures.



CONSISTENT AIRFLOW DISTRIBUTION

The louver design maintains uniform room temperature by evenly spreading air throughout the space.



QUIET OPERATION

Unique fan design (laminar wing design) provides whisper-quiet operation with sound pressure levels as low as 27dB(A).





OPTIONAL ACCESSORIES



- Wired Remote Control UTY-RVNUM
- Wireless remote UTY-LNHUM
- Fresh Air Kit..... UTZ-VXAA
- Wi-Fi Interface Module UTY-TFNXZ2

SYSTEMS 9RLFCC, 12RLFCC, 18RLFCC

| | | 9RLFCC | | | 12RLFCC | | | 18RLFCC | | |
|----------------------------------|-------------|---|---------------------|---------------------|---|---------------------|----------------------|---------------------------|---------------------|----------------------|
| | |  | | |  | | | | | |
| | | UP TO 24.0 SEER | | | | | | | | |
| Performance | | | | | | | | | | |
| Nominal Cooling | BTUh | 9,000 | | | 12,000 | | | 18,000 | | |
| Min.-Max. Cooling | BTUh | 3,100~12,000 | | | 3,100~13,600 | | | 3,100~20,100 | | |
| Nominal Heating | BTUh | 12,000 | | | 16,000 | | | 21,600 | | |
| Min.-Max. Heating | BTUh | 3,100~18,000 | | | 3,100~19,400 | | | 3,100~25,600 | | |
| SEER | | 24.0 | | | 21.9 | | | 20.1 | | |
| HSPF | | 13.0 | | | 12.2 | | | 11.5 | | |
| EER | | 14.5 | | | 12.8 | | | 11.2 | | |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | | | 14~115 (-10~46) | | | 14~115 (-10~46) | | |
| Heating Operating Range | °F (°C) | -5~75 (-21~24) | | | -5~75 (-21~24) | | | -5~75 (-21~24) | | |
| Moisture Removal | Pt./h (l/h) | 1.3 (.06) | | | 2.5 (1.2) | | | 4.6 (2.2) | | |
| Fan (Cooling Mode) | | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 318 (540) | | | 359 (610) | | | 400 (680) | | |
| Medium | CFM (m3/h) | 288 (490) | | | 312 (530) | | | 341 (580) | | |
| Low | CFM (m3/h) | 259 (440) | | | 277 (470) | | | 288 (490) | | |
| Quiet | CFM (m3/h) | 230 (390) | | | 241 (410) | | | 241 (410) | | |
| Fan Speed Stage | | 4+auto | | | 4+auto | | | 4+auto | | |
| Sound | | | | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 33/34 | | | 37/37 | | | 40/44 | | |
| Medium | dB(A) | 32/32 | | | 33/33 | | | 36/40 | | |
| Low | dB(A) | 29/29 | | | 31/31 | | | 32/36 | | |
| Quiet | dB(A) | 28/27 | | | 28/28 | | | 28/30 | | |
| Outdoor Sound Level Clg/Htg | dB(A) | 48/49 | | | 49/50 | | | 54/55 | | |
| Electrical | | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | | 208-230/60/1 | | | 208-230/60/1 | | |
| Circuit Breaker | Amps | 15 | | | 15 | | | 20 | | |
| Current Rated: Cooling | Amps | 3.0 | | | 4.4 | | | 7.1 | | |
| Current Rated: Heating | Amps | 4.1 | | | 6.7 | | | 7.7 | | |
| Power Use Rated/Max: Cooling | kW | 0.62/1.40 | | | 0.94/1.45 | | | 1.61/2.15 | | |
| Power Use Rated/Max: Heating | kW | 0.89/1.80 | | | 1.44/2.00 | | | 1.76/2.60 | | |
| Size & Weight | | | | | | | | | | |
| Net Weight | lbs. (kg) | 33 (15) | | 84 (38) | 33 (15) | | 84 (38) | 33 (15) | | 86 (39) |
| Dimensions: Height | Inch | 9-11/16 | 1-15/16 | 24-1/2 | 9-11/16 | 1-15/16 | 24-1/2 | 9-11/16 | 1-15/16 | 24-1/2 |
| | mm | 245 | 49 | 620 | 245 | 49 | 620 | 245 | 49 | 620 |
| Width | Inch | 22-7/16 | 24-7/16 | 31-3/32 | 22-7/16 | 24-7/16 | 31-3/32 | 22-7/16 | 24-7/16 | 31-3/32 |
| | mm | 570 | 620 | 790 | 570 | 620 | 790 | 570 | 620 | 790 |
| Depth | Inch | 22-7/16 | 24-7/16 | 11-11/32 | 22-7/16 | 24-7/16 | 11-11/32 | 22-7/16 | 24-7/16 | 11-11/32 |
| | mm | 570 | 620 | 290 | 570 | 620 | 290 | 570 | 620 | 290 |
| Refrigerant | | R410A | | | R410A | | | R410A | | |
| Additional Data | | | | | | | | | | |
| Air Direction: Vertical | | Automatic | | | Automatic | | | Automatic | | |
| Air Filter | | Washable | | | Washable | | | Washable | | |
| Minimum Lineset Length | Ft (m) | 10 (3) | | | 10 (3) | | | 10 (3) | | |
| Maximum Lineset Length | Ft (m) | 66 (20) (pre-charge: 49') | | | 66 (20) (pre-charge: 49') | | | 66 (20) (pre-charge: 49') | | |
| Max. Vertical Diff. | Ft (m) | 49 (15) | | | 49 (15) | | | 49 (15) | | |
| Lineset Size | Inch | Gas 3/8 | | Liq. 1/4 | Gas 3/8 | | Liq. 1/4 | Gas 1/2 | | Liq. 1/4 |
| | | Indoor AUU9RLF | Grille UTG-CCGFG | Outdoor AOU9RLFC | Indoor AUU12RLF | Grille UTG-CCGFG | Outdoor AOU12RLFC | Indoor AUU18RLF | Grille UTG-CCGFG | Outdoor AOU18RLFC |

Note: Figures are based on 230 Volts.

9, 12, 18,000 BTUh SLIM DUCT HEAT PUMPS



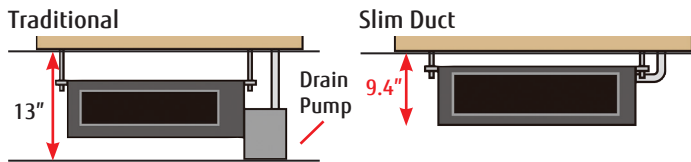
| | | | | | | | | | | | | | |
|----------------------------|-----------------|----------------------|--|---------------|----------------|------------|--------------|-------------------|---------------|-------------|--------------------|---------------|----------------------|
| 12 YEAR WARRANTY | Economy | Minimum Heat | Auto Changeover | Adjust | Restart | Dry | Fresh | Quiet Mode | Weekly | Cold | 100% @ +5°F | Sensor | I/O 3rd Party |
| Pump | 16 Daisy | Wi-Fi CAPABLE | <p>1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details. 2 Available only with optional wireless remote control. 3 Available only with optional Interface kit. Operation monitoring and On/Off control only. 4 See page 13 for details.</p> | | | | | | | | | | |

FUNCTION

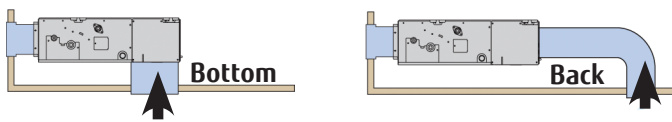
Slim ducts provide cooling or heating for small room applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction. Long maximum combined piping length of 66' and 49' in height allow for versatile installations. Either horizontal or vertical flexibility and low height enables compact soffit or cabinet installation.

SLIM DUCT

Built-in drain pump allows for installation of slim duct unit in smaller spaces than traditional units.



RETURN AIR-INTAKE CHOICES



FIELD SUPPLIED FILTERS USED WITH SLIM DUCT UNITS

Although Slim Duct units come with factory filters, when return ductwork is used field supplied filters are more practical to use. They can be installed at the unit or for more convenient servicing, in filter grilles. See the guidelines to the right to determine filter sizes.

The chart includes CFM, external static pressure capability and a typical filter size for each model. Filters are sized to keep velocities and static pressure loss low. This will ensure sufficient static pressure is available for ductwork, fittings and supply and return grilles.

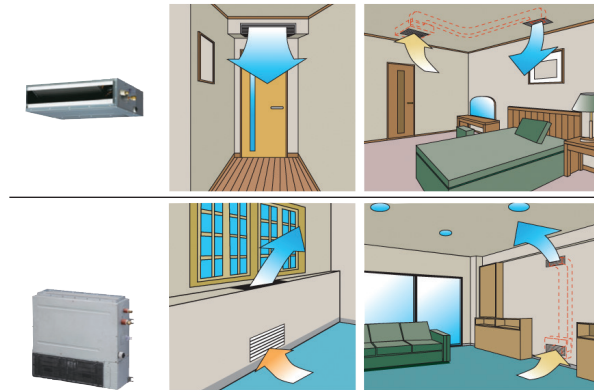
Alternative filter sizes with equivalent face areas can be used. After deducting filter loss, available static pressure values are shown.



A sample fiberglass filter is shown in blue to the left. A sample MERV pleated filter is shown in white.

FLEXIBLE INSTALLATION

Unit can be placed horizontally or vertically. However, internal drain pump will not operate when the unit is mounted in a vertical configuration.



OPTIONAL ACCESSORIES

- Wired Remote Control UTY-RVNUM
- Wireless Remote and Receiver UTY-LRHUM
- Auto Louver Grille Kit (ARU7/9/12) UTD-GX(S/T)A-W
- Auto Louver Grille Kit (ARU18) UTD-GX(S/T)B-W
- Wi-Fi Interface Module UTY-TFNXZZ

| | ARU 9RLF | ARU 12RLF | ARU 18RLF |
|---------------------------------|----------|-----------|-----------|
| CFM | 353 | 383 | 547 |
| Typical Filter Size | 12 x 20 | 12 x 20 | 14 x 25 |
| Velocity, FPM | 212 | 230 | 228 |
| Unit External SP, in. W.C. | 0.36 | 0.36 | 0.36 |
| 1" Fiberglass Filter | | | |
| *SP Loss, in. W.C. | 0.04 | 0.05 | 0.04 |
| ^Available Static Pressure | 0.32 | 0.31 | 0.32 |
| 1" MERV 8 Pleated Filter | | | |
| *SP Loss, in. W.C. | 0.12 | 0.14 | 0.14 |
| ^Available Static Pressure | 0.24 | 0.22 | 0.22 |
| 2" MERV 8 Pleated Filter | | | |
| *SP Loss, in. W.C. | 0.07 | 0.08 | 0.08 |
| ^Available Static Pressure | 0.29 | 0.28 | 0.28 |

*Typical filter pressure drop.
 ^Available Static Pressure factors in filter pressure loss only.

SYSTEMS 9RLFC, 12RLFC, 18RLFC

UP TO 21.5 SEER

9RLFC



12RLFC

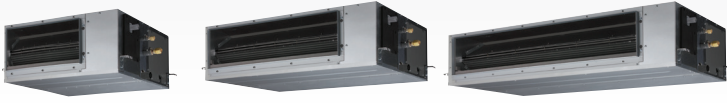


18RLFC

| Performance | | | | | | | | | | | | | |
|----------------------------------|-------------|------------------------------|--------------------|-------------|------------------|------------------------------|--------------------|-------------|-------------------|------------------------------|--------------------|-------------|-------------------|
| Nominal Cooling | BTUh | 9,000 | | | | 12,000 | | | | 18,000 | | | |
| Min.-Max. Cooling | BTUh | 3,100~12,000 | | | | 3,100~13,600 | | | | 3,100~20,100 | | | |
| Nominal Heating | BTUh | 12,000 | | | | 16,000 | | | | 21,600 | | | |
| Min.-Max. Heating | BTUh | 3,100~18,000 | | | | 3,100~19,400 | | | | 3,100~25,600 | | | |
| SEER | | 21.5 | | | | 20.0 | | | | 19.7 | | | |
| HSPF | | 12.2 | | | | 11.5 | | | | 11.3 | | | |
| EER | | 14.5 | | | | 12.8 | | | | 12.0 | | | |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | | | | 14~115 (-10~46) | | | | 14~115 (-10~46) | | | |
| Heating Operating Range | °F (°C) | -5~75 (-21~24) | | | | -5~75 (-21~24) | | | | -5~75 (-21~24) | | | |
| Moisture Removal | Pt./h (l/h) | 1.5 (.07) | | | | 2.7 (1.3) | | | | 4.2 (2.0) | | | |
| Fan (Cooling Mode) | | | | | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 353 (600) | | | | 383 (650) | | | | 554 (940) | | | |
| Medium | CFM (m3/h) | 324 (550) | | | | 353 (600) | | | | 518 (880) | | | |
| Low | CFM (m3/h) | 294 (500) | | | | 324 (550) | | | | 483 (820) | | | |
| Quiet | CFM (m3/h) | 265 (450) | | | | 283 (480) | | | | 442 (750) | | | |
| Fan Speed Stage | | 4+auto | | | | 4+auto | | | | 4+auto | | | |
| Sound | | | | | | | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 28/28 | | | | 29/29 | | | | 32/32 | | | |
| Medium | dB(A) | 27/26 | | | | 28/28 | | | | 30/30 | | | |
| Low | dB(A) | 26/25 | | | | 27/27 | | | | 29/29 | | | |
| Quiet | dB(A) | 25/24 | | | | 26/24 | | | | 27/27 | | | |
| Outdoor Sound Level Clg/Htg | dB(A) | 48/49 | | | | 49/50 | | | | 54/55 | | | |
| Electrical | | | | | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | | | 208-230/60/1 | | | | 208-230/60/1 | | | |
| Circuit Breaker | Amps | 15 | | | | 15 | | | | 20 | | | |
| Current Rated: Cooling | Amps | 3.0 | | | | 4.4 | | | | 6.6 | | | |
| Current Rated: Heating | Amps | 3.9 | | | | 6.0 | | | | 7.3 | | | |
| Power Use Rated/Max: Cooling | kW | 0.62/1.40 | | | | 0.94/1.45 | | | | 1.50/2.15 | | | |
| Power Use Rated/Max: Heating | kW | 0.85/1.80 | | | | 1.30/2.00 | | | | 1.67/2.60 | | | |
| Size & Weight | | | | | | | | | | | | | |
| Net Weight | lbs. (kg) | 41 (19) | 84 (38) | | | 41 (19) | 84 (38) | | | 50 (23) | 86 (39) | | |
| Dimensions: Height | Inch | 7-25/32 | 5-15/16 | 6 | 24-1/2 | 7-25/32 | 5-15/16 | 6 | 24-1/2 | 7-25/32 | 5-15/16 | 6 | 24-1/2 |
| | mm | 198 | 151 | 152 | 620 | 198 | 151 | 152 | 620 | 198 | 151 | 152 | 620 |
| Width | Inch | 27-9/16 | 25-19/32 | 22 | 31-3/32 | 27-9/16 | 25-19/32 | 22 | 31-3/32 | 35-7/16 | 33-15/32 | 30 | 31-3/32 |
| | mm | 700 | 650 | 559 | 790 | 700 | 650 | 559 | 790 | 900 | 850 | 762 | 790 |
| Depth | Inch | 24-13/32 | 3/4 | 3/4 Flat | 11-11/32 | 24-13/32 | 3/4 | 3/4 Flat | 11-11/32 | 24-13/32 | 3/4 | 3/4 Flat | 11-11/32 |
| | mm | 620 | 19 | 19 Flat | 290 | 620 | 19 | 19 Flat | 290 | 620 | 19 | 19 Flat | 290 |
| Refrigerant | | R410A | | | | R410A | | | | R410A | | | |
| Additional Data | | | | | | | | | | | | | |
| Static Pressure in. W. C. | | 0 ~ 0.36 | | | | 0 ~ 0.36 | | | | 0 ~ 0.36 | | | |
| Air Filter | | Washable | | | | Washable | | | | Washable | | | |
| Minimum Lineset Length | Ft (m) | 10 (3) | | | | 10 (3) | | | | 10 (3) | | | |
| Maximum Lineset Length | Ft (m) | 66 (20) (pre-charge: 49') | | | | 66 (20) (pre-charge: 49') | | | | 66 (20) (pre-charge: 49') | | | |
| Max. Vertical Diff. | Ft (m) | 49 (15) | | | | 49 (15) | | | | 49 (15) | | | |
| Lineset Size | Inch | Gas 3/8 | Liq. 1/4 | | | Gas 3/8 | Liq. 1/4 | | | Gas 1/2 | Liq. 1/4 | | |
| | | Indoor ARU9RLF | SUPPLY DUCT FLANGE | RETURN DUCT | Outdoor AOU9RLFC | Indoor ARU12RLF | SUPPLY DUCT FLANGE | RETURN DUCT | Outdoor AOU12RLFC | Indoor ARU18RLF | SUPPLY DUCT FLANGE | RETURN DUCT | Outdoor AOU18RLFC |

Note: Figures are based on 230 Volts.

INFINITE COMFORT SERIES 12, 18, 24, 30, 36, 42, 48,000 BTU_h MEDIUM STATIC DUCTED HEAT PUMPS



ARU12RGLX

ARU18/24/30RGLX

ARU36/42/48RGLX

AOU12RFLC

AOU18/24/30/36RGLX

AOU42/48RGLX

- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 42, 48,000 BTU_h systems only
- 3 Available only with optional wireless remote control.
- 4 Available only with optional wired remote control.

- 5 12,000 BTU_h system only
- 6 Available only with optional Interface kit. Operation monitoring and On/Off control only.
- 7 18, 24, 30, 36, 42, 48,000 BTU_h systems only.
- 8 See page 13 for details.

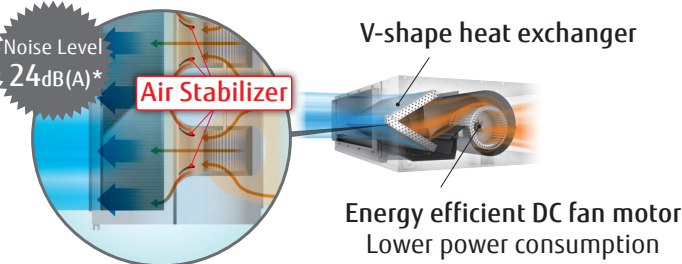
FUNCTION

Fujitsu is proud to introduce the newest addition to our single-zone mini-split lineup – three new Medium Static Pressure Duct indoor units! These units use the same energy efficient inverter technology you expect from Fujitsu mini-split products, and they have enough static pressure to heat or cool a whole house. SEER ratings up to 21.3 and a compact size mean these indoor units can find a place in many applications.

ENERGY EFFICIENT & QUIET OPERATION

The combination of the V-shaped heat exchanger, air stabilizer, and the energy efficient DC fan motor results in high efficiency and quiet operation.

The 12, 18 and 24,000 BTU_h models are Energy Star qualified.



* 12,18, 24,000 BTU_h models fan speed: Quiet

OPTIONAL ACCESSORIES

| | |
|------------------------------------|--------------------|
| Wired Remote Controller | UTY-RNRUZ Series |
| Simple Remote Controller | UTY-RSRY, UTY-RHRY |
| Thermostat Converter | UTY-TTRX |
| Wi-Fi Interface Module | UTY-TFSXZ2 |
| External Input and Output PCB..... | UTY-XCSX |
| Remote Sensor Unit | UTY-XSZX |

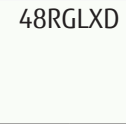
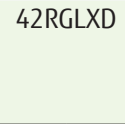
FEATURE HIGHLIGHTS

- Static pressure up to 0.80" W.G. (12/18/24/30/36k models)
- Max piping lengths of up to 246 feet (42/48RGLXD systems)
- Medium Static Ducted units must be installed horizontally
- Heating and cooling operation rated down to -5°F outdoor temperature
- Multiple control options available
- Built-in drain pump
- Automatic static pressure detection for install conditions
- Anti-corrosive coil coating on outdoor unit

Note: Indoor unit will NOT include any wireless or wired controllers in the box. Given that the medium-static RGLX unit is compatible with multiple control options the customer now has the option to choose the controller that best suits their needs.



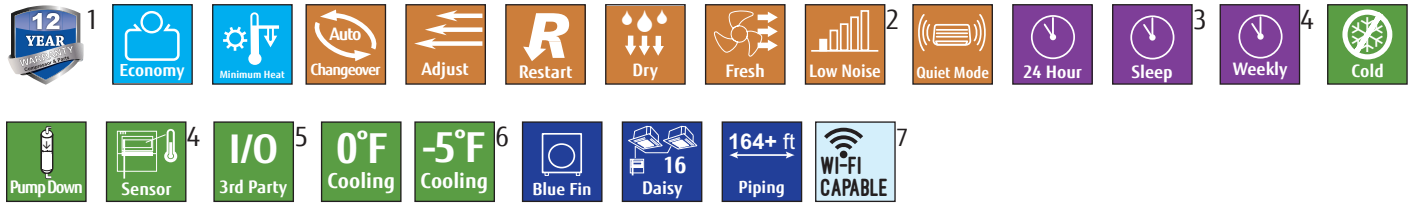
SYSTEMS 12RGLXD, 18RGLXD, 24RGLXD, 30RGLXD, 36RGLXD, 42RGLXD, 48RGLXD



| | | 12RGLXD | | 18RGLXD | | 24RGLXD | | 30RGLXD | | 36RGLXD | | 42RGLXD | | 48RGLXD | |
|---------------------------------|--------------|-----------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|
| Performance | | | | | | | | | | | | | | | |
| Nominal Cooling | BTUh | 12,000 | | 18,000 | | 24,000 | | 30,000 | | 36,000 | | 42,000 | | 48,000 | |
| Min.-Max. Cooling | BTUh | 3,100-13,600 | | 5,400-21,500 | | 5,400-29,000 | | 9,600-35,000 | | 9,600-39,000 | | 17,100-45,000 | | 17,100-50,000 | |
| Nominal Heating | BTUh | 16,000 | | 21,000 | | 27,000 | | 32,000 | | 36,000 | | 47,000 | | 53,000 | |
| Min.-Max. Heating | BTUh | 3,100-19,400 | | 5,400-25,600 | | 5,400-32,400 | | 9,200-39,000 | | 9,200-48,000 | | 18,000-51,000 | | 18,000-55,000 | |
| SEER | | 21.3 | | 19.0 | | 17.5 | | 16.5 | | 16.7 | | 17.8 | | 16.6 | |
| HSPF | | 11.7 | | 10.9 | | 10.8 | | 10.4 | | 11.3 | | 10.5 | | 10.3 | |
| EER | | 13.4 | | 13.0 | | 12.6 | | 10.6 | | 10.0 | | 11.5 | | 10.1 | |
| Cooling Operating Range | °F (°C) | 14 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | |
| Heating Operating Range | °F (°C) | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | |
| Moisture Removal | Pt./h (l/h) | 1.5 (0.7) | | 3.8 (1.8) | | 4.0 (1.9) | | 5.1 (2.4) | | 5.3 (2.5) | | 5.5 (2.6) | | 8.2 (3.9) | |
| Fan (Cooling Mode) | | | | | | | | | | | | | | | |
| Air Circulation (Clg/Htg): Hi | CFM (m3/h) | 500 (850) | | 618 (1050) | | 800 (1360) | | 1001 (1700) | | 1207 (2050) / 1089 (1850) | | 1501(2550) | | 1501 (2550) | |
| Medium | CFM (m3/h) | 400 (680) | | 494 (840) | | 636 (1080) | | 800 (1360) | | 965 (1640) | | 1201 (2040) | | 1201 (2040) | |
| Low | CFM (m3/h) | 347 (590) | | 430 (730) | | 518 (880) | | 700 (1190) | | 783 (1330) | | 971 (1650) | | 971 (1650) | |
| Quiet | CFM (m3/h) | 300 (510) | | 371 (630) | | 400 (680) | | 630 (1070) | | 630 (1070) | | 842 (1430) | | 842 (1430) | |
| Fan Speed Stage | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | |
| Sound | | | | | | | | | | | | | | | |
| Indoor Level (Clg/Htg): Hi | dB(A) | 35/35 | | 31/31 | | 35/35 | | 38/38 | | 37/35 | | 40/40 | | 40/40 | |
| Medium | dB(A) | 30/30 | | 28/28 | | 30/30 | | 34/34 | | 33/33 | | 35/35 | | 35/35 | |
| Low | dB(A) | 27/27 | | 25/25 | | 28/28 | | 30/30 | | 30/30 | | 33/33 | | 33/33 | |
| Quiet | dB(A) | 24/24 | | 24/24 | | 24/24 | | 29/29 | | 26/26 | | 29/29 | | 29/29 | |
| Outdoor Level Clg/Htg | dB(A) | 49/50 | | 47/50 | | 53/55 | | 53/55 | | 54/56 | | 55/57 | | 57/59 | |
| Electrical | | | | | | | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 15 | | 20 | | 30 | | 30 | | 30 | | 30 | | 30 | |
| Current Rated: Cooling | Amps | 3.9 | | 6.1 | | 8.3 | | 12.4 | | 15.8 | | 16.0 | | 20.9 | |
| Current Rated: Heating | Amps | 5.3 | | 6.6 | | 9.0 | | 10.9 | | 12.6 | | 16.1 | | 19.5 | |
| Power Use Rated/Max: Cooling | kW | 0.89/1.45 | | 1.38/2.08 | | 1.90/2.82 | | 2.83/3.43 | | 3.60/4.00 | | 3.65/4.47 | | 4.75/5.01 | |
| Power Use Rated/Max: Heating | kW | 1.20/1.84 | | 1.50/2.19 | | 2.06/2.96 | | 2.48/3.27 | | 2.88/4.38 | | 3.67/4.57 | | 4.45/4.77 | |
| Size & Weight | | | | | | | | | | | | | | | |
| Net Weight | lbs. (kg) | 66 (30) | 84 (38) | 93 (42) | 134 (61) | 93 (42) | 134 (61) | 93 (42) | 134 (61) | 121 (55) | 134 (61) | 121 (55) | 209 (95) | 121 (55) | 209 (95) |
| Dimensions: Height | Inch | 11-13/16 | 24-1/2 | 11-13/16 | 32-11/16 | 11-13/16 | 32-11/16 | 11-13/16 | 32-11/16 | 11-13/16 | 32-11/16 | 11-13/16 | 50-13/16 | 11-13/16 | 50-13/16 |
| | mm | 300 | 620 | 300 | 830 | 300 | 830 | 300 | 830 | 300 | 830 | 300 | 1290 | 300 | 1290 |
| Width | Inch | 27-9/16 | 31-3/32 | 39-3/8 | 35-7/16 | 39-3/8 | 35-7/16 | 39-3/8 | 35-7/16 | 55-1/8 | 35-7/16 | 55-1/8 | 35-7/16 | 55-1/8 | 35-7/16 |
| | mm | 700 | 790 | 1000 | 900 | 1000 | 900 | 1000 | 900 | 1400 | 900 | 1400 | 900 | 1400 | 900 |
| Depth | Inch | 27-9/16 | 11-11/32 | 27-9/16 | 13 | 27-9/16 | 13 | 27-9/16 | 13 | 27-9/16 | 13 | 27-9/16 | 13 | 27-9/16 | 13 |
| | mm | 700 | 290 | 700 | 330 | 700 | 330 | 700 | 330 | 700 | 330 | 700 | 330 | 700 | 330 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | | | | | | | |
| Static Pressure in. W. C. | | 0.12 - 0.80 | | 0.12 - 0.80 | | 0.12 - 0.80 | | 0.12 - 0.80 | | 0.12 - 0.80 | | 0.12 - 0.72 | | 0.12 - 0.72 | |
| Min Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | |
| Max Lineset Length | Ft (m) | 66 (20) (pre-charge 49') | | 164 (50) (pre-charge 66') | | 164 (50) (pre-charge 66') | | 164 (50) (pre-charge 66') | | 164 (50) (pre-charge 66') | | 246 (75) (pre-charge 98') | | 246 (75) (pre-charge 98') | |
| Max Vertical Diff. | Ft (m) | 49 (15) | | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | |
| Lineset Size | Inch | Gas 3/8 | Liq. 1/4 | Gas 1/2 | Liq. 1/4 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 |
| | | Indoor ARU12RGLX | Outdoor AOU12RLFC | Indoor ARU18RGLX | Outdoor AOU18RGLX | Indoor ARU24RGLX | Outdoor AOU24RGLX | Indoor ARU30RGLX | Outdoor AOU30RGLX | Indoor ARU36RGLX | Outdoor AOU36RGLX | Indoor ARU42RGLX | Outdoor AOU42RGLX | Indoor ARU48RGLX | Outdoor AOU48RGLX |

INFINITE COMFORT SERIES 24, 30, 36, 48,000 BTUh MULTI-POSITION AIR HANDLER UNITS

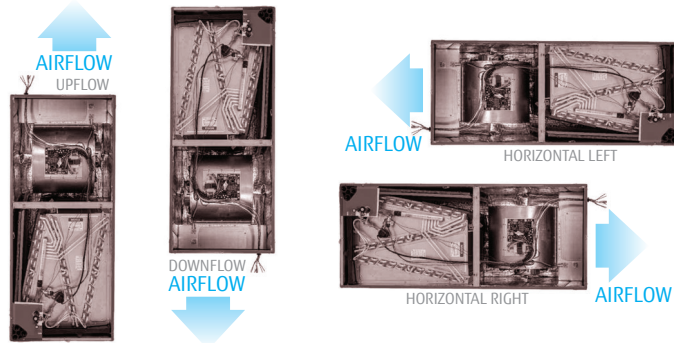
Leveraging our cutting edge inverter technology, Fujitsu's Infinite Comfort series combines our revolutionary side discharge outdoor units with a modular design indoor unit. The result: high efficiency, space saving, and quiet single-zone systems with no compromise.



- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 42, 48,000 BTUh systems only
- 3 Available only with optional wireless remote control.
- 4 Available only with optional wired remote control.

- 5 Available only with optional Interface kit. Operation monitoring and On/Off control only.
- 6 24, 30 BTU/h systems only.
- 7 See page 13 for details.

SYSTEM FEATURES



- **True Multi-Position Design** - up flow, down flow, & horizontal
- **High Energy Saving** - Inverter driven heat pump, high efficiency ECM motor, and all-aluminum indoor unit coil.

INDOOR UNIT FEATURES

- All-aluminum indoor unit coil
- High static pressure, up to 1.0 inWG
- Indoor sound levels as low as 24 dBA
- Adaptive fan motor control - Optimum indoor comfort
- Minimal clearance on three sides. Only 24in. clearance on the front for service.
- Downflow and Horizontal Right kits provided with each AHU at no additional cost
- Factory provided and field installed electric heat kit - Up to 15.5kW (Optional)
- External Input/Output Interface - Interlock with 3rd party systems. (Optional)

THE INFINITE COMFORT SERIES IS 4X QUIETER!

You'd need **FOUR** Infinite Comfort Series units to equal the sound level of **ONE** unitary air conditioner.



OUTDOOR UNIT FEATURES

- Fully communicating heat pump with conventional multi-position air handler. Ideal solution for installations with limited space
- Variable speed inverter-driven compressor for optimum system operation and comfort
- Outdoor sound levels as low as 53 dBA
- High efficiency DC motor
- Single fan outdoor unit - Save space without compromise

OPTIONAL ACCESSORIES

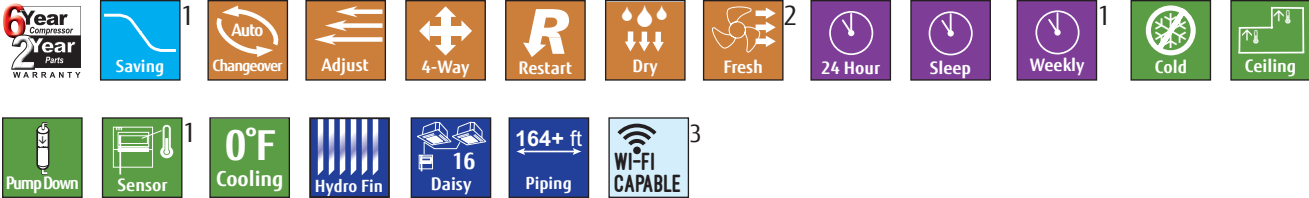
| | |
|-------------------------------------|---------------------|
| Wired Remote Controller | UTY-RNRUZ Series |
| Simple Remote Controller | UTY-RSRY / UTY-RHRY |
| Wireless LAN Interface | UTY-TFSXZ2 |
| Thermostat Converter..... | UTY-TTRX |
| External Input and Output PCB*..... | UTY-XCSX |
| External Connect Kit..... | UTY-XWZXZG |
| Wire Kit | UTY-XWZXZJ |

* The wireless LAN interface cannot be used at the same time. External Connect Kit (UTY-XWZXZG) is required for the connection

SYSTEMS 24RGLXM, 30RGLXM, 36LMAS1, 48LMAS1

| | | 24RGLXM | | 30RGLXM | | 36LMAS1 | | 48LMAS1 | |
|-------------------------------|-------------|------------------------------|-----------|------------------------------|-----------|------------------------------|------------|------------------------------|------------|
| Performance | | | | | | | | | |
| Nominal Cooling | BTUh | 24000 | | 30000 | | 36000 | | 45600 | |
| Min.-Max. Cooling | BTUh | 5,400 - 29,000 | | 9,600 - 35,000 | | 13,000 - 38,000 | | 13,000 - 48,000 | |
| Nominal Heating | BTUh | 27000 | | 32000 | | 42000 | | 53000 | |
| Min.-Max. Heating | BTUh | 5,400 - 32,400 | | 9,200 - 39,000 | | 11,000 - 52,000 | | 11,000 - 54,000 | |
| SEER | | 19 | | 18.5 | | 18 | | 17 | |
| HSPF | | 10.7 | | 10.3 | | 10.2 | | 10.2 | |
| EER | | 12 | | 10.1 | | 11.3 | | 8.2 | |
| Cooling Operating Range | °F (°C) | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | 14 - 115 (-10 - 46) | | 14 - 115 (-10 - 46) | |
| Heating Operating Range | °F (°C) | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | |
| Moisture Removal | Pt./h (l/h) | 4.6 (2.2) | | 7.2 (3.4) | | 7.2 (3.4) | | 9.3 (4.4) | |
| Fan (Cooling Mode) | | | | | | | | | |
| Air Circulation (Clg/Htg): Hi | CFM (m3/h) | 800 (1359) | | 870 (1478) | | 1200 (2039) | | 1640 (2786) | |
| Medium | CFM (m3/h) | 670 (1138) | | 730 (1240) | | 740 (1257) | | 1020 (1733) | |
| Low | CFM (m3/h) | 590 (1002) | | 590 (1002) | | 590 (1002) | | 820 (1393) | |
| Quiet | CFM (m3/h) | 310 (527) | | 310 (527) | | 490 (833) | | 590 (1002) | |
| Fan Speed Stage | | 4+Auto | | 4+Auto | | 4+Auto | | 4+Auto | |
| Sound | | | | | | | | | |
| Indoor Level (Clg/Htg): Hi | dB(A) | 40/37 | | 42/39 | | 41/40 | | 48/47 | |
| Medium | dB(A) | 34/33 | | 37/36 | | 30/35 | | 36/37 | |
| Low | dB(A) | 32/31 | | 33/32 | | 27/28 | | 31/32 | |
| Quiet | dB(A) | 26/25 | | 28/25 | | 24/26 | | 25/29 | |
| Outdoor Level Clg/Htg | dB(A) | 53/55 | | 53/55 | | 53/54 | | 54/55 | |
| Electrical | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230V/60Hz/1 | | 208-230V/60Hz/1 | | 208-230V/60Hz/1 | | 208-230V/60Hz/1 | |
| Circuit Breaker | Amps | 30 | | 30 | | 40 | | 40 | |
| Current Rated: Cooling | Amps | 8.8 | | 13 | | 14 | | 24.4/18 | |
| Current Rated: Heating | Amps | 10.9 | | 13.26 | | 16.8 | | 23.5 | |
| Power Use Rated/Max: Cooling | kW | 2/3.47 | | 2.97/3.41 | | 3.18/3.52 | | 5.56/5.94 | |
| Power Use Rated/Max: Heating | kW | 2.48/3.47 | | 3.02/4.16 | | 3.82/5.39 | | 5.35/5.42 | |
| Size & Weight | | | | | | | | | |
| Net Weight | lbs. (kg) | 104 (47) | 134 (61) | 104 (47) | 134 (61) | 132 (60) | 198 (90) | 132 (60) | 198 (90) |
| Dimensions: Height | Inch | 42-8/16 | 32-11/16 | 42-8/16 | 32-11/16 | 57 | 39-5/16 | 57 | 39-5/16 |
| | mm | 1080 | 830 | 1080 | 830 | 1448 | 998 | 1448 | 998 |
| Width | Inch | 21 | 35-7/16 | 21 | 35-7/16 | 21 | 38-3/16 | 21 | 38-3/16 |
| | mm | 533 | 900 | 533 | 900 | 533 | 970 | 533 | 970 |
| Depth | Inch | 21-11/16 | 13 | 21-11/16 | 13 | 21-11/16 | 14-9/16 | 21-11/16 | 14-9/16 |
| | mm | 551 | 330 | 551 | 330 | 551 | 370 | 551 | 370 |
| Refrigerant | | 410A | | 410A | | 410A | | 410A | |
| Additional Data | | | | | | | | | |
| Static Pressure in. W. C. | | 0-1.0 (20-250) | | 0-1.0 (20-250) | | 0-1.0 (20-250) | | 0-1.0 (20-250) | |
| Min Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | |
| Max Lineset Length | Ft (m) | 164 (50) (pre-charge 66') | | 164 (50) (pre-charge 66') | | 230 (70) (pre-charge 98') | | 230 (70) (pre-charge 98') | |
| Max Vertical Diff. | Ft (m) | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | |
| Lineset Size | Inch | 3/8 | 5/8 | 3/8 | 5/8 | 3/8 | 5/8 | 3/8 | 5/8 |
| | | AMUG24LMAS | AOU24RGLX | AMUG30LMAS | AOU30RGLX | AMUG36LMAS | AOU36LMAS1 | AMUG48LMAS | AOU48LMAS1 |

18, 24, 36,000 BTUH CEILING & UNIVERSAL HEAT PUMPS



1 Available only with optional wired remote control.
 2 Fresh air knockout available. Fresh air fan and ductwork field supplied. See Design and Technical Manual for details.
 3 See page 13 for details.

APPLICATIONS

The universal floor/ceiling mount 18RULX and 24RULX are ideal for a house of worship to mount beneath stained glass windows. Lower in height than the pews, they do not disturb the aesthetics of the space. With long piping lengths of 165' the outdoor units can also be placed remotely out of sight. Another popular application for this model is in hallways where wall space is limited. The 36RSLX is popular where fresh air intake and high capacity is required like a restaurant or bar. They are also often suspended from threaded rod and used in multiple to condition large warehouse spaces.

FUNCTION

The 18RULX and the 24RULX are universal mount. They can mount low on the wall or transverse mount them on the ceiling. The 36RSLX can only be mounted on the ceiling, can take in fresh air and can throw air farther.

OPTIONAL ACCESSORIES

- Wired Remote Control UTY-RNBYU
Requires dip switch change on indoor unit.
- Condensate Pump UTR-DPB24T
Available only for System 36RSLX.

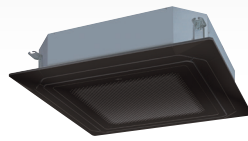


SYSTEMS 18RULX, 24RULX, 36RSLX

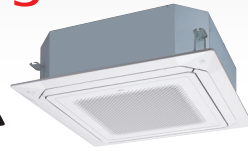
| UP TO 16 SEER | | 18RULX | | 24RULX | | 36RSLX | |
|----------------------------------|-------------|-------------------------------|---------------------|-------------------------------|---------------------|-------------------------------|---------------------|
| Performance | | | | | | | |
| Nominal Cooling | BTUh | 17,800 | | 22,200 | | 34,100 | |
| Min.-Max. Cooling | BTUh | 5,000~21,600 | | 5,000~27,300 | | 8,500~36,000 | |
| Nominal Heating | BTUh | 21,500 | | 24,000 | | 36,500 | |
| Min.-Max. Heating | BTUh | 5,000~25,600 | | 5,000~29,000 | | 9,200~42,700 | |
| SEER | | 16.0 | | 15.0 | | 14.0 | |
| HSPF | | 8.5 | | 8.5 | | 8.5 | |
| EER | | 10.9 | | 9.9 | | 8.1 | |
| Cooling Operating Range | °F (°C) | 0~115 (-18~46) | | 0~115 (-18~46) | | 0~115 (-18~46) | |
| Heating Operating Range | °F (°C) | 14~75 (-10~24) | | 14~75 (-10~24) | | 14~75 (-10~24) | |
| Moisture Removal | Pt./h (l/h) | 5.3 (2.5) | | 7.4 (3.5) | | 7.4 (3.5) | |
| Fan (Cooling Mode) | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 459 (780) | | 518 (880) | | 1089 (1850) | |
| Medium | CFM (m3/h) | 383 (650) | | 436 (740) | | 977 (1660) | |
| Low | CFM (m3/h) | 324 (550) | | 371 (630) | | 842 (1430) | |
| Fan Speed Stage | | 3 + Auto | | 3 + Auto | | 3 + Auto | |
| Sound | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 43/43 (Clg/Htg) | | 47/47 (Clg/Htg) | | 48/48 (Clg/Htg) | |
| Medium | dB(A) | 39/39 (Clg/Htg) | | 43/43 (Clg/Htg) | | 45/43 (Clg/Htg) | |
| Low | dB(A) | 35/35 (Clg/Htg) | | 38/38 (Clg/Htg) | | 41/39 (Clg/Htg) | |
| Outdoor Sound Level Clg/Htg | dB(A) | 51/53 | | 53/55 | | 54/55 | |
| Electrical | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 20 | | 20 | | 30 | |
| Current Rated/Max: Cooling | Amps | 7.1/12.5 | | 9.8/12.5 | | 18.3/18.8 | |
| Current Rated/Max: Heating | Amps | 9.8/12.5 | | 10.2/12.5 | | 15.3/18.8 | |
| Power Use Rated/Max: Cooling | kW | 1.63/2.88 | | 2.25/2.88 | | 4.22/4.35 | |
| Power Use Rated/Max: Heating | kW | 2.25/2.88 | | 2.35/2.88 | | 3.50/4.35 | |
| Size & Weight | | | | | | | |
| Net Weight | lbs. (kg) | 62 (28) | 141 (64) | 62 (28) | 141 (64) | 106 (48) | 141 (64) |
| Dimensions: Height | Inch | 7-7/8 | 32-3/4 | 7-7/8 | 32-3/4 | 9-1/2 | 32-3/4 |
| | mm | 199 | 830 | 199 | 830 | 240 | 830 |
| Width | Inch | 39-1/8 | 35-1/2 | 39-1/8 | 35-1/2 | 65-1/2 | 35-1/2 |
| | mm | 990 | 900 | 990 | 900 | 1660 | 900 |
| Depth | Inch | 25-7/8 | 13 | 25-7/8 | 13 | 27-5/8 | 13 |
| | mm | 655 | 330 | 655 | 330 | 700 | 330 |
| Refrigerant | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | |
| Air Direction: Horizontal | | Automatic | | Automatic | | Automatic | |
| Vertical | | Automatic | | Automatic | | Automatic | |
| Air Filter | | Washable | | Washable | | Washable | |
| Front Grille | | Permanent | | Permanent | | Permanent | |
| Minimum Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | |
| Maximum Lineset Length | Ft (m) | 165 (50) (pre-charge: 49') | | 165 (50) (pre-charge: 49') | | 165 (50) (pre-charge: 49') | |
| Max. Vertical Diff. | Ft (m) | 66 (20) | | 66 (20) | | 98 (30) | |
| Lineset Size | Inch | Gas 1/2 | Liq. 1/4 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 |
| | | Indoor ABU18RULX | Outdoor AOU18RLX | Indoor ABU24RULX | Outdoor AOU24RLX | Indoor ABU36RSLX | Outdoor AOU36RLX |

Note: Figures are based on 230 Volts.

18, 24, 30, 36, 42,000 BTUh LARGE CASSETTE CIRCULAR FLOW HEAT PUMPS



AUU18/24RGLX with UTG-LCGVCB



AUU30/36/42/48RGLX with UTG-GCGF



AOU18/24/30/36RGLX



AOU42/48RGLX

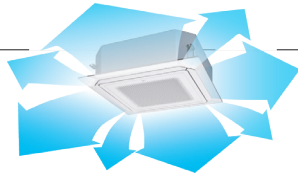
| | | | | | | | | | | | | | |
|--------|---------|---------|--------------|------------|---------------|-------------|--------------|--------|-------|-----------|----------------|---------|---------------|
| 1 | Economy | ESP | Minimum Heat | Changeover | Adjust | Up/Down | Restart | Dry | Fresh | Low Noise | Quiet Mode | 24 Hour | Sleep |
| Weekly | Cold | Ceiling | Pump Down | Sensor | I/O 3rd Party | 0°F Cooling | -5°F Cooling | Branch | Pump | 16 Daisy | 164+ ft Piping | Slender | WI-FI CAPABLE |

- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional part UTY-SHZXC.
- 3 42, 48,000 BTUh systems only.
- 4 Available only with optional wireless remote control.

- 5 Available only with optional wired remote control.
- 6 Available only with optional Interface kit. Operation monitoring and On/Off control
- 7 See page 13 for details.

BETTER AIR DISTRIBUTION USING 360-DEGREE LOUVERS

Circular flow design allows conditioned air to reach every corner of a room.

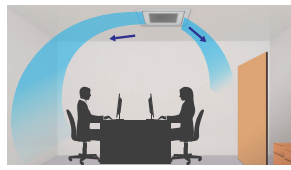


INDIVIDUAL LOUVER CONTROL

Each louver can be positioned individually to deliver comfortable air exactly where you want it in any room configuration. To take advantage of this feature use Wired Remote Control (Touch Panel) UTY-RNRUZ Series.



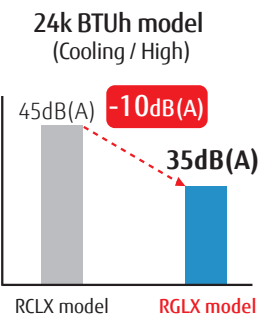
Individual louvers can be programmed separately. Adjust vertical airflow and louver position with UTY-RNRUZ Series Wired Remote Control.



Airflow fan speed can be customized depending on room layout.

QUIET OPERATION AND 4 FAN SPEED CONTROL

With the new airflow structure, sound levels are drastically reduced. Circular flow cassette models operate at whisper quiet sound levels. Choose from 4 different fan speeds.



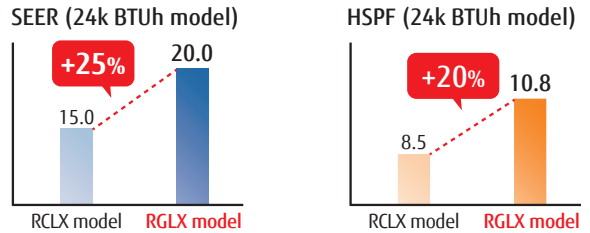
4 fan speeds

- High
- Med
- Low
- Quiet

*Compatible Remote Controller is as follows: UTY-RNRUZ2 / UTY-RSRY / UTY-RHRY / UTY-LBTUC

HIGH ENERGY EFFICIENCY

Energy saving performance is achieved through use of a DC twin rotary compressor, DC fan motor and optimized refrigerant cycle control.



18,000 BTUh and 24,000 BTUh models are Energy Star qualified.

RECOMMENDED ACCESSORIES

NOTE: RGLX Large Cassette grilles are sold separately.

Circular flow cassette grilles come in your choice of either black or white.

UTG-LCGVCB



UTG-GCGF

NOTE: Wired Remote Control sold separately.





RGLX Large Cassettes are compatible with UTY-RNRUZ Series 2-wire controls.

OPTIONAL ACCESSORIES (cont'd on bottom of page 45)

| | |
|--|------------------------|
| Wired Remote Control (Touch Panel) | UTY-RNRUZ Series |
| Simple Remote Control..... | UTY-RSRY, UTY-RHRY |
| Wi-Fi Interface Module..... | UTY-TFSXZ2 |
| External Input and Output PCB..... | UTY-XCSX* |
| Communication Kit Bracket..... | UTZ-GXRA |
| IR Receiver Unit..... | UTY-LBTUC |
| Human Sensor Kit | UTY-SHZXC |
| Air Outlet Shutter Plate | UTR-YDZK |
| External Connect Kit..... | UTY-XWZXZG, UTY-XWZXZ3 |
| Wide Panel..... | UTG-AKXA-W |
| Panel Spacer | UTG-BKXA-W |
| Fresh Air Intake Kit..... | KHRS940-25 |
| Fresh Air Kit..... | UTZ-VXRA |

SYSTEMS 18RGLXC, 24RGLXC, 30RGLXC, 36RGLXC, 42RGLXC, 48RGLXC

| | | 18RGLXC | | 24RGLXC | | 30RGLXC | | 36RGLXC | | 42RGLXC | | 48RGLXC | |
|----------------------------------|-------------|---|----------------------|---|----------------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|----------------------|---------------------------|----------------------|
| | |  | |  | | | | | | | | | |
| Performance | | | | | | | | | | | | | |
| Nominal Cooling | BTUh | 18,000 | | 24,000 | | 30,000 | | 36,000 | | 42,000 | | 48,000 | |
| Min.-Max. Cooling | BTUh | 5,400–21,500 | | 5,400–29,000 | | 9,600–35,000 | | 9,600–39,000 | | 17,100–45,000 | | 17,100–50,000 | |
| Nominal Heating | BTUh | 21,000 | | 27,000 | | 32,000 | | 36,000 | | 47,000 | | 53,000 | |
| Min.-Max. Heating | BTUh | 5,400–25,600 | | 5,400–32,400 | | 9,200–39,000 | | 9,200–48,000 | | 18,000–51,000 | | 18,000–55,000 | |
| SEER | | 21.4 | | 20 | | 18.6 | | 17.5 | | 18.5 | | 17.8 | |
| HSPF | | 10.9 | | 10.8 | | 11.5 | | 11.2 | | 9.7 | | 10.6 | |
| EER | Btu/hW | 13.4 | | 12.8 | | 11.7 | | 10 | | 11.3 | | 10.1 | |
| Cooling Operating Range | °F (°C) | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | | -5 - 115 (-20 - 46) | |
| Heating Operating Range | °F (°C) | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | | -5 - 75 (-20 - 24) | |
| Moisture Removal | Pt./h (l/h) | 3.9 (2.2) | | 5.1 (2.9) | | 5.3 (3.0) | | 6.5 (3.7) | | 7.7 (4.4) | | 9.3 (5.3) | |
| Fan (Cooling Mode) | | | | | | | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 618 (1,050) | | 677 (1,150) | | 942 (1,600) | | 1,118 (1,900) | | 1,177 (2,000) | | 1,236 (2,100) | |
| Medium | CFM (m3/h) | 565 (960) | | 618 (1,050) | | 824 (1,400) | | 936 (1,590) | | 971 (1,650) | | 1,048 (1,780) | |
| Low | CFM (m3/h) | 530 (900) | | 577 (980) | | 748 (1,270) | | 836 (1,420) | | 859 (1,460) | | 942 (1,600) | |
| Quiet | CFM (m3/h) | 459 (780) | | 512 (870) | | 677 (1,150) | | 695 (1,180) | | 765 (1,300) | | 777 (1,320) | |
| Fan Speed Stage | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | | 4 + Auto | |
| Sound | | | | | | | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 33/33 | | 35/35 | | 40/40 | | 44/44 | | 46/46 | | 47/47 | |
| Medium | dB(A) | 32/32 | | 34/34 | | 38/38 | | 41/41 | | 42/42 | | 43/43 | |
| Low | dB(A) | 31/31 | | 32/32 | | 36/36 | | 38/38 | | 39/39 | | 40/40 | |
| Quiet | dB(A) | 28/28 | | 29/29 | | 33/33 | | 34/34 | | 35/35 | | 36/36 | |
| Outdoor Sound Level Clg/Htg | dB(A) | 47/50 | | 53/55 | | 53/55 | | 54/56 | | 55/57 | | 57/59 | |
| Electrical | | | | | | | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | | 208-230/60/1 | |
| Circuit Breaker | Amps | 20 | | 30 | | 30 | | 30 | | 30 | | 30 | |
| Current Rated: Cooling | Amps | 6.1 | | 8.4 | | 11.5 | | 16.1 | | 16.7 | | 20.9 | |
| Current Rated: Heating | Amps | 6.6 | | 9.6 | | 10.7 | | 12.2 | | 16.8 | | 19.5 | |
| Power Use Rated/Max: Cooling | kW | 1.35/2.05 | | 1.88/2.77 | | 2.57/3.33 | | 3.60/3.94 | | 3.72/4.35 | | 4.75/4.91 | |
| Power Use Rated/Max: Heating | kW | 1.47/2.27 | | 2.15/2.88 | | 2.38/3.27 | | 2.73/4.19 | | 3.74/4.39 | | 4.49/4.67 | |
| Size & Weight | | | | | | | | | | | | | |
| Net Weight | lbs. (kg) | 53 (24) | 134 (61) | 53 (24) | 134 (61) | 57 (26) | 134 (61) | 57 (26) | 134 (61) | 64 (29) | 209 (95) | 64 (29) | 209 (95) |
| Dimensions: Height | Inch | 9 11/16 | 32 11/16 | 9 11/16 | 32 11/16 | 11 5/16 | 32 11/16 | 11 5/16 | 32 11/16 | 11 5/16 | 50 13/16 | 11 5/16 | 50 13/16 |
| | mm | 246 | 830 | 246 | 830 | 288 | 830 | 288 | 830 | 288 | 1290 | 288 | 1290 |
| Width | Inch | 33 1/16 | 35 7/16 | 33 1/16 | 35 7/16 | 33 1/16 | 35 7/16 | 33 1/16 | 35 7/16 | 33 1/16 | 35 7/16 | 33 1/16 | 35 7/16 |
| | mm | 840 | 900 | 840 | 900 | 840 | 900 | 840 | 900 | 840 | 900 | 840 | 900 |
| Depth | Inch | 33 1/16 | 13 | 33 1/16 | 13 | 33 1/16 | 13 | 33 1/16 | 13 | 33 1/16 | 13 | 33 1/16 | 13 |
| | mm | 840 | 330 | 840 | 330 | 840 | 330 | 840 | 330 | 840 | 330 | 840 | 330 |
| Refrigerant | | R410A | | R410A | | R410A | | R410A | | R410A | | R410A | |
| Additional Data | | | | | | | | | | | | | |
| | | White Grille (UTG-GCGF) or Black Grille (UTG-LCGVCB) Sold Separately | | | | | | | | | | | |
| Minimum Lineset Length | Ft (m) | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | | 16 (5) | |
| Maximum Lineset Length | Ft (m) | 164 (50) Precharge 66' | | 164 (50) Precharge 66' | | 164 (50) Precharge 66' | | 164 (50) Precharge 66' | | 246 (75) Precharge 98' | | 246 (75) Precharge 98' | |
| Max. Vertical Diff. | Ft (m) | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | | 98 (30) | |
| Lineset Size | Inch | Gas 1/2 | Liq. 1/4 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 | Gas 5/8 | Liq. 3/8 |
| | | Indoor AUU18RGLX | Outdoor AOU18RGLX | Indoor AUU24RGLX | Outdoor AOU24RGLX | Indoor AUU30RGLX | Outdoor AOU30RGLX | Indoor AUU36RGLX | Outdoor AOU36RGLX | Indoor AUU42RGLX | Outdoor AOU42RGLX | Indoor AUU48RGLX | Outdoor AOU48RGLX |

Optional Accessories, cont'd: Thermostat Converter - UTY-TTRX - Control your Fujitsu heating and cooling system with your favorite smart thermostat (not included). Wi-Fi Module - UTY-TFNXZ2 - Add wireless capability to your Fujitsu system through FGLair. Cannot be installed in conjunction with Wired Remote Controls. IR Wireless Module - FJ-IR-WIFI-1NA, Wired Module - FJ-RC-WIFI-1NA - The IR Wireless and Wired Modules work with the Intesis AC Cloud Control® app (sold separately).

* The wireless LAN interface cannot be used at the same time. External Connect Kit (UTY-XWZXZG) is required for the connection.

MULTI-ZONE MINI-SPLIT SYSTEMS

- Operate as few as one indoor unit or all indoor units
- Choose from 4 indoor unit styles - wall mount, slim duct, compact cassette, and floor mount
- Many combinations are ENERGY STAR® qualified
- Create hundreds of combinations based on indoor type and BTUh

MULTI-ZONE



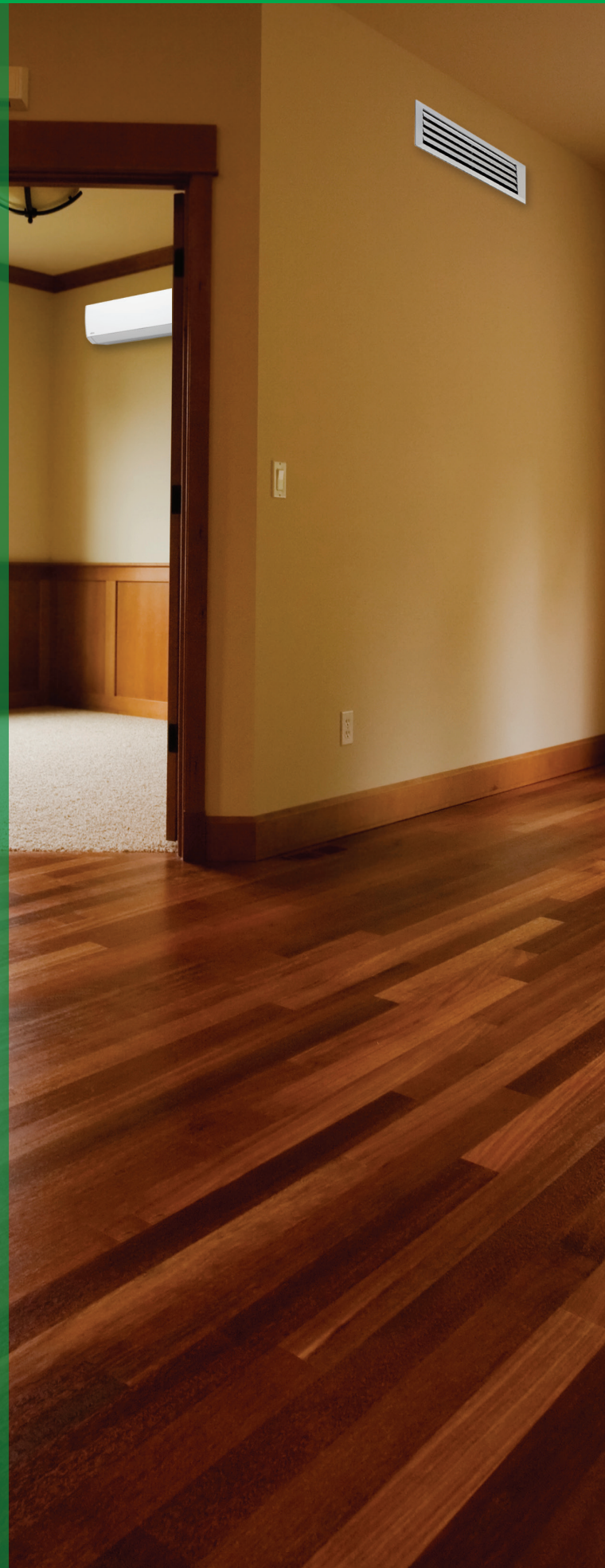
- Connect 2 to 5 indoor units, depending on model
- Connect 14,000 to 54,000 BTUh
- No branch boxes or separation tubes required

MULTI-ZONE EXTRA LOW TEMPERATURE HEATING



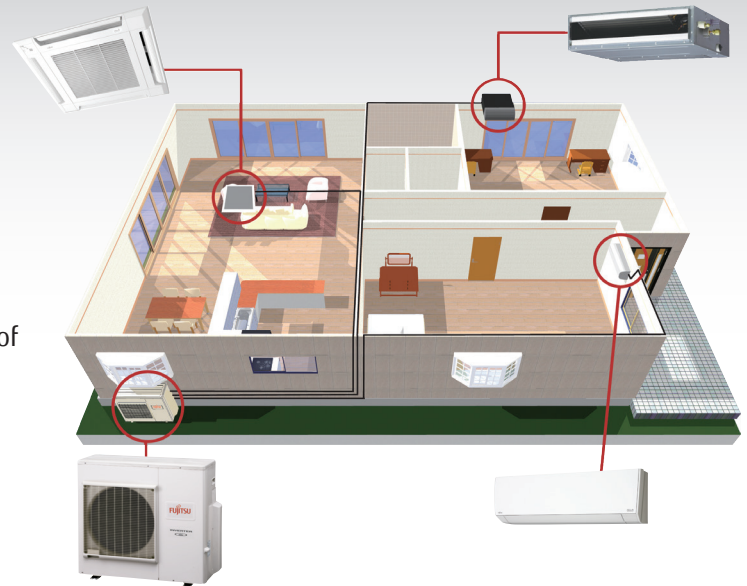
18, 24, 36,000 BTUh

- Connect 2 to 4 indoor units, depending on model
- Connect 14,000 to 39,000 BTU
- eXtra Low Temp Heating down to -15°F outdoor temps
- No branch boxes or separation tubes required



YEAR-ROUND, WHOLE HOME OR BUSINESS COMFORT

Halcyon Systems are some of today's most advanced forms of heating and air conditioning. Multi-zone outdoor units can operate from 2 to 5 indoor units simultaneously. Fujitsu's systems are super quiet as well as highly energy efficient.



MULTI-ZONE AND XLTH SERIES SYSTEMS 18, 24, 36, AND 45,000 BTUH

AOU18RLXFZ

AOU24RLXFZ

AOU36RLXFZ1

AOU45RLXFZ

AOU18RLXFZH

AOU24RLXFZH

AOU36RLXFZH

CONNECTABLE CAPACITY

This allows connectable indoor units' total capacity to exceed outdoor unit capacity. See Allowable Combination Table on page 64.

If all indoor units are cooling or heating at the same time, the system will limit their capacity so that their total matches the outdoor unit capacity. When a zone meets a desired set temperature it requires less capacity. The unused capacity is then distributed to the remaining indoor units, increasing their capacity.

FOR EXAMPLE

The load on a 3-bedroom home with a living room and kitchen downstairs and 3 bedrooms upstairs is 39,000 BTUH (21,000 BTU downstairs and 18,000 BTU upstairs). However the family isn't upstairs and downstairs at the same time, therefore not all units will be running simultaneously allowing 100% heating or cooling to occupied spaces. This can be achieved by our AOU36RLXFZ1 outdoor unit.



MIX AND MATCH FLEXIBILITY

The ability to create the **right** combinations, the **right** quantity (up to 5-zones), the **right** style indoor units, and the **right** capacity. It's the **RIGHT** choice for your home or business.

MULTI-ZONE INDOOR UNITS

| WALL MOUNTS | | | | |
|--|---|---|---|---|
| ASU7, 9, 12RLF1 | ✓ | ✓ | ✓ | ✓ |
| ASU15RLF1 | | ✓ | ✓ | ✓ |
| ASU18RLF | | ✓ | ✓ | ✓ |
| ASU24RLF | | | ✓ | ✓ |
| FLOOR MOUNTS | | | | |
| AGU9, 12RLF | ✓ | ✓ | ✓ | ✓ |
| AGU15RLF | | ✓ | ✓ | ✓ |
| SLIM DUCTS | | | | |
| ARU7, 9, 12RLF | ✓ | ✓ | ✓ | ✓ |
| ARU18RLF | | ✓ | ✓ | ✓ |
| ARU24RLF | | | ✓ | ✓ |
| COMPACT CASSETTES | | | | |
| AUU7, 9, 12RLF | ✓ | ✓ | ✓ | ✓ |
| AUU18RLF | | ✓ | ✓ | ✓ |
|  <p>AOU18RLXFZ</p>  <p>AOU24RLXFZ</p>  <p>AOU36RLXFZ1</p>  <p>AOU45RLXFZ</p>  <p>AOU18RLXFZH</p>  <p>AOU24RLXFZH</p>  <p>AOU36RLXFZH</p> <p>XLTH</p> | | | | |

MULTI-ZONE OUTDOOR UNITS

INDIVIDUAL ZONING: PERSONALIZED WHOLE HOME COMFORT

WALL MOUNTED

High wall location for minimized presence. The elimination of ducting increases delivered efficiency.

- Quiet operation
- Easy maintenance
- High delivered efficiency means lower utility bills



SLIM DUCT

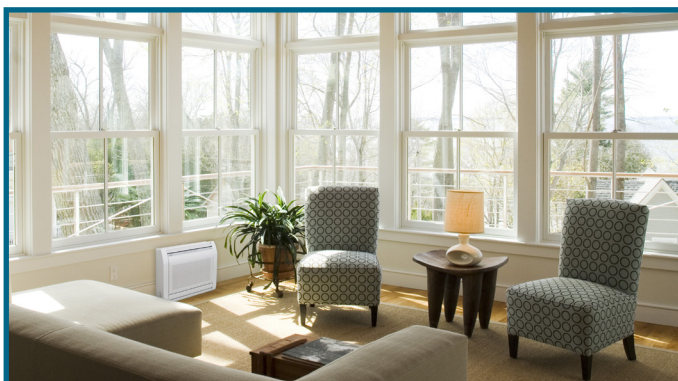
Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.

- Concealed and out of sight
- Look of central air with the efficiency of a mini-split
- Less ducts = higher efficiency

COMPACT CASSETTE

Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.

- Wired remote control (wireless is optional)
- Powerful turbo fan operation
- Fits into a standard 2' x 2' ceiling grid



FLOOR MOUNTED

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom.

- Compact size fits easily under a standard window
- Features twin airflow for improved heat delivery
- Designer wireless remote control

7, 9, 12, 15, 18, 24,000 BTUh WALL MOUNT

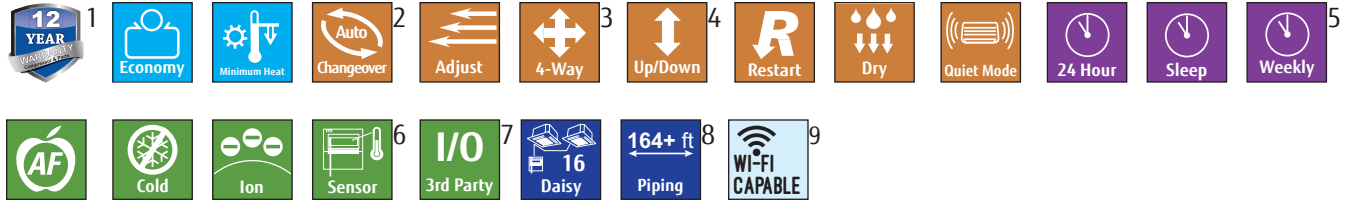
MULTI-ZONE INDOOR



ASU7, 9, 12, 15RLF1



ASU18, 24RLF



- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.

- 3 RLF models only.
- 4 RLF1 models only.
- 5 RLF1 models: Available only with optional wired remote control.
- 6 Available only with optional wired remote control and optional interface kit.
- 7 Available only with optional interface kit.
- 8 Available only when used with Flex Zone AOU48RLXFZ1 outdoor unit.
- 9 See page 13 for details.



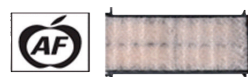
BUILT IN FILTRATION

LONG-LIFE ION DEODORIZATION FILTER



The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic. The filter can be used for approximately 3 years if it is washed with water when dirty to restore its surface action.

APPLE-CATECHIN FILTER



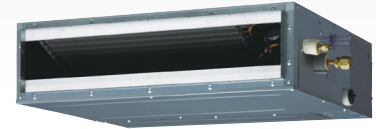
Dust, mold spores and micro-organisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated.

ASU7RLF1, ASU9RLF1, ASU12RLF1, ASU15RLF1, ASU18RLF, ASU24RLF

| | | ASU7RLF1 | ASU9RLF1 | ASU12RLF1 | ASU15RLF1 | ASU18RLF | ASU24RLF |
|----------------------------------|------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------------|
| Performance | | | | | | | |
| Nominal Cooling | BTUh | 7,000 | 9,000 | 12,000 | 14,000 | 18,000 | 24,000 |
| Nominal Heating | BTUh | 8,100 | 10,200 | 13,500 | 16,300 | 20,000 | 27,000 |
| Fan (Cooling Mode) | | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | Clg 330 (560) Htg 330 (560) | Clg 353 (600) Htg 353 (600) | Clg 388 (660) Htg 388 (660) | Clg 430 (730) Htg 430 (730) | Clg 542 (920) Htg 542 (920) | Clg 659 (1,120) Htg 647 (1,100) |
| Medium | CFM (m3/h) | Clg 294 (500) Htg 294 (500) | Clg 306 (520) Htg 306 (520) | Clg 330 (560) Htg 330 (560) | Clg 353 (600) Htg 362(615) | Clg 436 (740) Htg 436 (740) | Clg 530 (900) Htg 530 (900) |
| Low | CFM (m3/h) | Clg 253 (430) Htg 253 (430) | Clg 253 (430) Htg 253 (430) | Clg 265 (450) Htg 277 (470) | Clg 312 (530) Htg 330 (560) | Clg 365 (620) Htg 365 (620) | Clg 436 (740) Htg 436 (740) |
| Quiet | CFM (m3/h) | Clg 182 (310) Htg 194 (330) | Clg 182 (310) Htg 194 (330) | Clg 182 (310) Htg 194 (330) | Clg 212 (360) Htg 221 (375) | Clg 324 (550) Htg 324 (550) | Clg 365 (620) Htg 365 (620) |
| Fan Speed Stage | | 4+auto | 4+auto | 4+auto | 4+auto | 4+auto | 4+auto |
| Sound | | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 36/36 | 37/37 | 40/40 | 42/42 | 43/44 | 49/48 |
| Medium | dB(A) | 32/32 | 33/33 | 36/36 | 38/38 | 37/37 | 42/42 |
| Low | dB(A) | 29/29 | 29/29 | 30/31 | 33/35 | 33/33 | 37/37 |
| Quiet | dB(A) | 21/22 | 21/22 | 21/22 | 25/27 | 31/31 | 33/33 |
| Electrical | | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Current Rated: Cooling | Amps | 0.13 | 0.15 | 0.19 | 0.25 | 0.32 | 0.53 |
| Current Rated: Heating | Amps | 0.13 | 0.15 | 0.19 | 0.25 | 0.32 | 0.53 |
| Inut Power | W | 15 | 17 | 22 | 28 | 41 | 69 |
| Size & Weight | | | | | | | |
| Net Weight | lbs. (kg) | 19 (8.5) | 19 (8.5) | 19 (8.5) | 19 (8.5) | 31 (14) | 31 (14) |
| Dimensions: Height | Inch | 10-1/2 | 10-1/2 | 10-1/2 | 10-1/2 | 12-5/8 | 12-5/8 |
| | mm | 268 | 268 | 268 | 268 | 320 | 320 |
| Width | Inch | 33-1/16 | 33-1/16 | 33-1/16 | 33-1/16 | 39-1/4 | 39-1/4 |
| | mm | 840 | 840 | 840 | 840 | 998 | 998 |
| Depth | Inch | 8 | 8 | 8 | 8 | 9 | 9 |
| | mm | 203 | 203 | 203 | 203 | 228 | 228 |
| Refrigerant | | R410A | R410A | R410A | R410A | R410A | R410A |
| Additional Data | | | | | | | |
| Air Direction: Horizontal | | Manual | Manual | Manual | Manual | Auto | Auto |
| Vertical | | Auto | Auto | Auto | Auto | Auto | Auto |
| Primary Air Filter | | Washable | Washable | Washable | Washable | Washable | Washable |
| Ion Deodorizing Filter | | Disposable | Disposable | Disposable | Disposable | Disposable | Disposable |
| Apple-Catechin Filter | | Disposable | Disposable | Disposable | Disposable | Disposable | Disposable |
| Lineset Size | Inch | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 1/2 Liq. 1/4 | Gas 1/2 Liq. 1/4 | Gas 5/8 Liq. 1/4 |

7, 9, 12, 18, 24,000 BTUh SLIM DUCT

MULTI-ZONE INDOOR



12 YEAR WARRANTY

Economy

Minimum Heat

Auto Changeover

Adjust

Restart

Dry

Quiet Mode

24 Hour

Sleep

Weekly

Cold

Sensor

I/O 3rd Party

Pump

16 Daisy

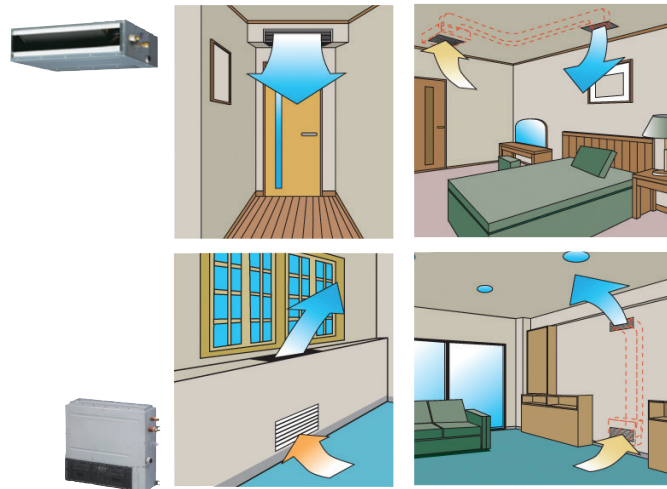
164+ ft Piping

WI-FI CAPABLE

- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wireless remote control.
- 3 Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.
- 4 Available only with optional interface kit.
- 5 Available only when used with Flex Zone AOU48RLXFZ1 outdoor unit.
- 6 See page 13 for details.

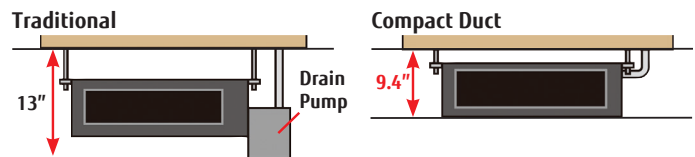
FLEXIBLE INSTALLATION

Horizontal or vertical installation. When installed vertically, condensate drain is by gravity only.



SLIM DUCT

Adaptable when ceiling cavity is small and there is no slope for drain.



FIELD SUPPLIED FILTERS

Filters are sized to keep velocities and static pressure loss low. This will ensure sufficient static pressure is available for ductwork, fittings and supply and return grilles. Alternative filter sizes with equivalent face areas can be used.

| | ARU7RLF | ARU9RLF | ARU12RLF | ARU18RLF | ARU24RLF |
|---------------------------------|---------|---------|----------|----------|----------|
| CFM | 323 | 353 | 383 | 554 | 785 |
| Typical Filter Size | 12 x 20 | 12 x 20 | 12 x 20 | 14 x 25 | 18 x 30 |
| Velocity, FPM | 194 | 212 | 230 | 228 | 209 |
| Unit External SP, in. W.C. | 0.36 | 0.36 | 0.36 | 0.36 | 0.20 |
| 1" Fiberglass Filter | | | | | |
| *SP Loss, in. W.C. | 0.04 | 0.04 | 0.05 | 0.04 | 0.04 |
| ^Available Static Pressure | 0.32 | 0.32 | 0.31 | 0.32 | 0.16 |
| 1" MERV 8 Pleated Filter | | | | | |
| *SP Loss, in. W.C. | 0.10 | 0.12 | 0.14 | 0.14 | 0.12 |
| ^Available Static Pressure | 0.26 | 0.24 | 0.22 | 0.22 | 0.08 |
| 2" MERV 8 Pleated Filter | | | | | |
| *SP Loss, in. W.C. | 0.06 | 0.07 | 0.08 | 0.08 | 0.07 |
| ^Available Static Pressure | 0.30 | 0.29 | 0.28 | 0.28 | 0.13 |

*Typical filter pressure drop.
^Available Static Pressure factors in filter pressure loss only.

ARU7RLF, ARU9RLF, ARU12RLF, ARU18RLF, ARU24RLF

| | | ARU7RLF | ARU9RLF | ARU12RLF | ARU18RLF | ARU24RLF |
|--|------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Performance | | | | | | |
| Nominal Cooling | BTUh | 7,000 | 9,000 | 12,000 | 18,000 | 24,000 |
| Nominal Heating | BTUh | 8,100 | 10,200 | 13,500 | 20,000 | 27,000 |
| Fan (Cooling Mode) | | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 323 (550) | 353 (600) | 383 (650) | 554 (940) | 783 (1,330) |
| Medium | CFM (m3/h) | 288 (490) | 324 (550) | 353 (600) | 518 (880) | 730 (1,240) |
| Low | CFM (m3/h) | 276 (470) | 294 (500) | 324 (550) | 483 (820) | 648 (1,100) |
| Quiet | CFM (m3/h) | 259 (440) | 265 (450) | 283 (480) | 442 (750) | 607 (1,030) |
| Fan Speed Stage | | 4 + Auto | 4 + Auto | 4 + Auto | 4 + Auto | 4 + Auto |
| Sound | | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 28/28 | 28/28 | 29/29 | 32/33 | 33/35 |
| Medium | dB(A) | 26/26 | 27/26 | 28/28 | 31/32 | 32/34 |
| Low | dB(A) | 25/25 | 26/25 | 27/27 | 30/31 | 30/32 |
| Quiet | dB(A) | 24/24 | 25/24 | 26/24 | 29/29 | 29/29 |
| Electrical | | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Static Pressure | W. C. | 0 ~ 0.36 | 0 ~ 0.36 | 0 ~ 0.36 | 0 ~ 0.36 | 0 ~ 0.20 |
| Current Rated: Cooling | Amps | 0.30 | 0.30 | 0.35 | 0.44 | 0.66 |
| Current Rated: Heating | Amps | 0.30 | 0.30 | 0.35 | 0.44 | 0.66 |
| Input Power | W | 33 | 49 | 58 | 73 | 111 |
| Size & Weight | | | | | | |
| Net Weight | lbs. (kg) | 37 (17) | 41 (19) | 41 (19) | 50 (23) | 59 (27) |
| Dimensions: Height | Inch | 7-25/32 | 7-25/32 | 7-25/32 | 7-25/32 | 7-25/32 |
| | mm | 198 | 198 | 198 | 198 | 198 |
| Width | Inch | 27-9/16 | 27-9/16 | 27-9/16 | 35-7/16 | 43-5/16 |
| | mm | 700 | 700 | 700 | 900 | 1,100 |
| Depth | Inch | 24-13/32 | 24-13/32 | 24-13/32 | 24-13/32 | 24-13/32 |
| | mm | 620 | 620 | 620 | 620 | 620 |
| Supply Duct Flange Dimensions: Height | Inch | 5-15/16 | 5-15/16 | 5-15/16 | 5-15/16 | 5-15/16 |
| | mm | 151 | 151 | 151 | 151 | 151 |
| Width | Inch | 25-19/32 | 25-19/32 | 25-19/32 | 33-15/32 | 41-11/32 |
| | mm | 650 | 650 | 650 | 850 | 1,050 |
| Depth | Inch | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| | mm | 19 | 19 | 19 | 19 | 19 |
| Return Duct Dimensions: Height | Inch | 6 | 6 | 6 | 6 | 6 |
| | mm | 152 | 152 | 152 | 152 | 152 |
| Width | Inch | 22 | 22 | 22 | 30 | 37-3/4 |
| | mm | 559 | 559 | 559 | 762 | 959 |
| Height | Inch | 3/4 (Flat) | 3/4 (Flat) | 3/4 (Flat) | 3/4 (Flat) | 3/4 (Flat) |
| | mm | 19 (Flat) | 19 (Flat) | 19 (Flat) | 19 (Flat) | 19 (Flat) |
| Refrigerant | | R410A | R410A | R410A | R410A | R410A |
| Additional Data | | | | | | |
| Air Filter | | Washable | Washable | Washable | Washable | Washable |
| Lineset Size | Inch | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 1/2 Liq. 1/4 | Gas 5/8 Liq. 1/4 |

7, 9, 12, 18,000 BTU_h COMPACT CASSETTES

MULTI-ZONE INDOOR



12 YEAR WARRANTY

Economy

Minimum Heat

Auto Changeover

Adjust

Up/Down

Restart

Dry

Fresh

Quiet Mode

24 Hour

Sleep

Weekly

Cold

Ceiling

Sensor

I/O 3rd Party

Pump

16 Daisy

164+ ft Piping

WI-FI CAPABLE

- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in residence. See full warranty for details.
- 2 Available only with optional wireless remote control.
- 3 Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.
- 4 Requires Fujitsu's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.
- 5 Available only with optional Interface kit. Operation monitoring and On/Off control only.
- 6 Available only when used with Flex Zone AOU48RLXFZ1 outdoor unit.
- 7 See page 13 for details.

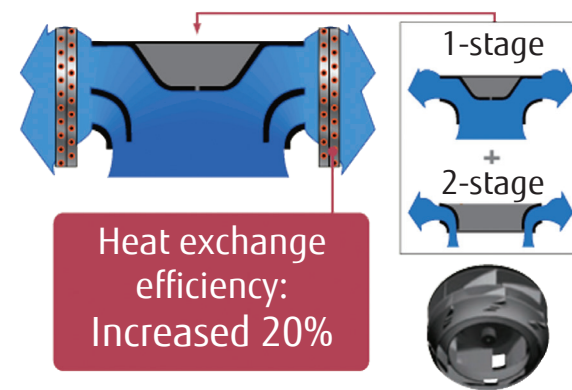
EASY MAINTENANCE

Maintenance is made simple by removing the ceiling panel next to the grille. Working on the cassette unit from an adjoining ceiling tile keeps disruption and construction costs down.

The air inlet grille can be installed in various directions, making maintenance convenient.

2-STAGE TURBO FAN

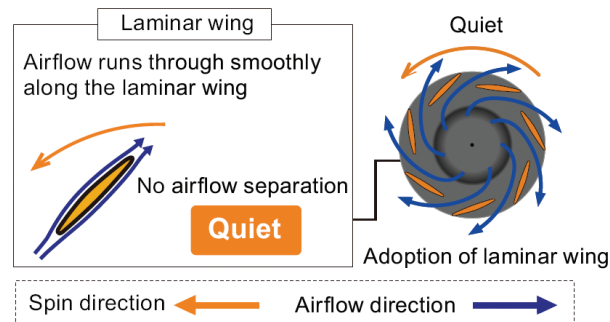
Air distribution is evenly spread across the heat exchanger by the 2 stage turbo fan which produces two separate airflow streams.



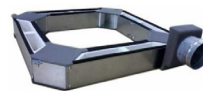
QUIET OPERATION

Optimization of wing form (laminar wing design) and number of wings (7 blades) enables as low as 27 dB.

Designed by CFD-analysis (fluid) simulations



OPTIONAL ACCESSORY



Fresh Air Kit

UTZ-VXAA

Permits limited introduction of outdoor air into the cassette unit for ventilation purposes. Additional items required. (see footnote #4, above)

AUU7RLF, AUU9RLF, AUU12RLF, AUU18RLF

| | | AUU7RLF | AUU9RLF | AUU12RLF | AUU18RLF |
|----------------------------------|------------|-------------------------|-------------------------|-------------------------|--------------------------------|
| Performance | | | | | |
| Nominal Cooling | BTUh | 7,000 | 9,000 | 12,000 | 18,000 |
| Nominal Heating | BTUh | 8,100 | 10,200 | 13,500 | 20,000 |
| Fan (Cooling Mode) | | | | | |
| Air Circulation: Hi | CFM (m3/h) | 318 (540) Clg or Htg | 318 (540) Clg or Htg | 359 (610) Clg or Htg | 441 (750) Clg 471 (800) Htg |
| Medium | CFM (m3/h) | 288 (490) Clg or Htg | 288 (490) Clg or Htg | 312 (530) Clg or Htg | 359 (610) Clg 418 (710) Htg |
| Low | CFM (m3/h) | 259 (440) Clg or Htg | 259 (440) Clg or Htg | 277 (470) Clg or Htg | 306 (520) Clg 353 (600) Htg |
| Quiet | CFM (m3/h) | 230 (390) Clg or Htg | 230 (390) Clg or Htg | 241 (410) Clg or Htg | 241 (410) Clg 265 (450) Htg |
| Fan Speed Stage | | 4+auto | 4+auto | 4+auto | 4+auto |
| Sound | | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 33/34 | 33/34 | 37/37 | 42/44 |
| Medium | dB(A) | 31/32 | 31/32 | 33/33 | 37/40 |
| Low | dB(A) | 29/29 | 29/29 | 31/31 | 33/37 |
| Quiet | dB(A) | 27/27 | 27/27 | 28/28 | 29/30 |
| Electrical | | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Current Rated: Cooling | Amps | 0.15 | 0.15 | 0.19 | 0.30 |
| Current Rated: Heating | Amps | 0.15 | 0.15 | 0.19 | 0.30 |
| Input Power | W | 18 | 18 | 23 | 39 |
| Size & Weight | | | | | |
| Net Weight | lbs. (kg) | 33 (15) | 33 (15) | 33 (15) | 33 (15) |
| Dimensions: Height | Inch | 9-11/16 | 9-11/16 | 9-11/16 | 9-11/16 |
| | mm | 245 | 245 | 245 | 245 |
| Width | Inch | 22-7/16 | 22-7/16 | 22-7/16 | 22-7/16 |
| | mm | 570 | 570 | 570 | 570 |
| Depth | Inch | 22-7/16 | 22-7/16 | 22-7/16 | 22-7/16 |
| | mm | 570 | 570 | 570 | 570 |
| Refrigerant | | R410A | R410A | R410A | R410A |
| Additional Data | | | | | |
| Air Direction: Vertical | | Automatic | Automatic | Automatic | Automatic |
| Air Filter | | Washable | Washable | Washable | Washable |
| Front Grille | | UTG-CCGFG* | UTG-CCGFG* | UTG-CCGFG* | UTG-CCGFG* |
| Grille Dim: Height | Inch (mm) | 1-15/16 (49) | 1-15/16 (49) | 1-15/16 (49) | 1-15/16 (49) |
| Width | Inch (mm) | 24-7/16 (620) | 24-7/16 (620) | 24-7/16 (620) | 24-7/16 (620) |
| Depth | Inch (mm) | 24-7/16 (620) | 24-7/16 (620) | 24-7/16 (620) | 24-7/16 (620) |
| Lineset Size | Inch | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 1/2 Liq. 1/4 |

* Compact Cassette Grille UTG-CCGFG sold separately. Must order one with each compact cassette.

9, 12, 15,000 BTU_h FLOOR MOUNT

MULTI-ZONE INDOOR

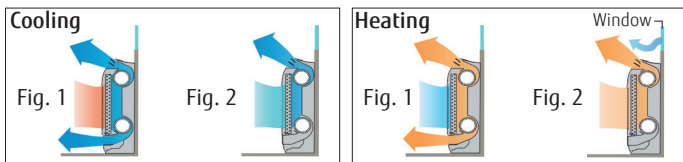
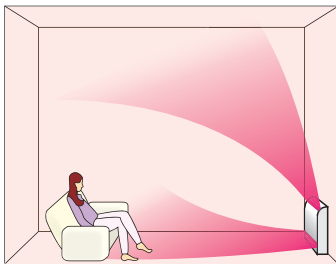


| | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
 2 Available with optional wired remote control.
 3 Available only with optional Interface kit. Operation monitoring and On/Off control only.
 4 See page 13 for details.

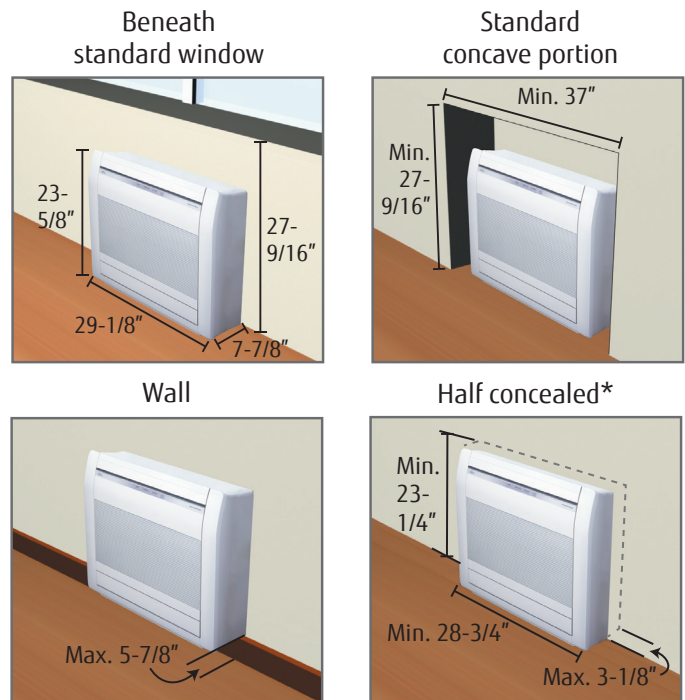
2-FAN AND WIDE AIRFLOW

Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in "Upward Airflow Only" when occupants wish not to have feet warmed or cooled.



- | | |
|---|--|
| <p>1. Upon startup, both top and bottom louvers open. 2. As the room temperature nears the setpoint, only the top louver stays open to help prevent cold air from falling.</p> | <p>1. Upon startup, both top and bottom louvers open. 2. Closer to setpoint, only the top louver stays open to help prevent cold drafts from windows.</p> |
|---|--|

FLEXIBLE AND EASY INSTALLATION



*Field supplied insulation required

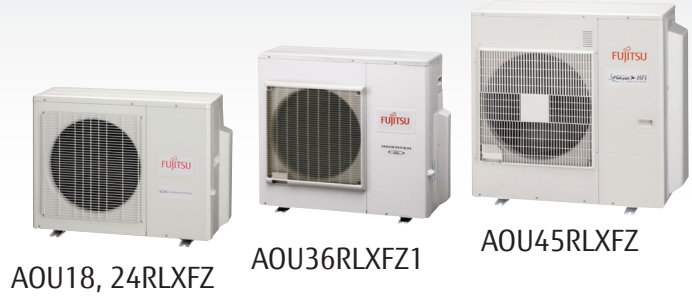


AGU9RLF, AGU12RLF, AGU15RLF

| | | AGU9RLF | AGU12RLF | AGU15RLF |
|----------------------------------|------------|---------------------|---------------------|---------------------|
| Performance | | | | |
| Nominal Cooling | BTUh | 9,000 | 12,000 | 14,200 |
| Nominal Heating | BTUh | 12,000 | 16,000 | 18,000 |
| Fan (Cooling Mode) | | | | |
| Air Circulation: Hi | CFM (m3/h) | 312 (530) | 353 (600) | 383 (650) |
| Medium | CFM (m3/h) | 259 (440) | 288 (490) | 306 (520) |
| Low | CFM (m3/h) | 212 (360) | 224 (380) | 235 (400) |
| Quiet | CFM (m3/h) | 159 (270) | 159 (270) | 159 (270) |
| Fan Speed Stage | | 4+Auto | 4+Auto | 4+Auto |
| Sound | | | | |
| Indoor Sound Level (Clg/Htg): Hi | dB(A) | 39/39 | 42/42 | 44/44 |
| Medium | dB(A) | 34/34 | 36/38 | 38/39 |
| Low | dB(A) | 28/28 | 30/32 | 31/33 |
| Quiet | dB(A) | 22/22 | 22/22 | 22/22 |
| Electrical | | | | |
| Voltage/Frequency/Phase | | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Current Rated: Cooling | Amps | 0.15 | 0.18 | 0.20 |
| Current Rated: Heating | Amps | 0.15 | 0.18 | 0.20 |
| Input Power | W | 16 | 18 | 23 |
| Size & Weight | | | | |
| Net Weight | lbs. (kg) | 31 (14) | 31 (14) | 31 (14) |
| Dimensions: Height | Inch | 23-5/8 | 23-5/8 | 23-5/8 |
| | mm | 600 | 600 | 600 |
| Width | Inch | 29-1/8 | 29-1/8 | 29-1/8 |
| | mm | 740 | 740 | 740 |
| Depth | Inch | 7-7/8 | 7-7/8 | 7-7/8 |
| | mm | 200 | 200 | 200 |
| Refrigerant | | R410A | R410A | R410A |
| Additional Data | | | | |
| Air Direction: Horizontal | | Manual | Manual | Manual |
| Air Direction: Vertical | | Auto | Auto | Auto |
| Apple Catechin Filter | | Washable | Washable | Washable |
| Ion Deodorizing Filter | | Yes | Yes | Yes |
| Connection Method | | Yes | Yes | Yes |
| Lineset Size | Inch | Gas 3/8 Liq. 1/4 | Gas 3/8 Liq. 1/4 | Gas 1/2 Liq. 1/4 |



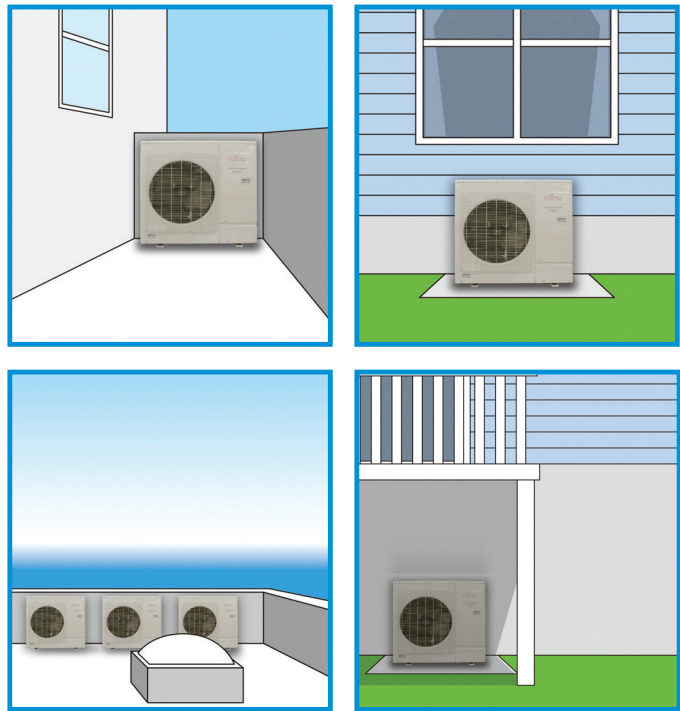
18, 24, 36, 45,000 BTUH MULTI-ZONE OUTDOOR UNITS



Contractors can select either an 18, 24, 36 or 45,000 BTU outdoor unit combined with wall mounted, slim duct, compact cassette or floor mount type indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be hidden or showcased. These systems are ideal for nursing homes, doctor's offices, condominiums, apartments and residences - any place where individual cooling or heating is needed.

COMPACT SIZE

The compact size of the outdoor units allows for many installation opportunities.



DC TWIN ROTARY COMPRESSOR

A high performance, low noise, large capacity DC twin rotary compressor is used.



SERVICE VALVES

AOU18RLXFZ / AOU24RLXFZ / AOU36RLXFZ1

The above units have (2) service valves for each zone.

BENEFITS:

- **Installation** – Allows for reduced installation time.
- **Service** – Allows for refrigerant isolation of each zone, if necessary.
- **Add Ons** – Ease of additional add-ons.

The AOU45RLXFZ does not have this feature.



ENERGY STAR® QUALIFYING SYSTEMS:

| OUTDOOR UNIT | INDOOR UNIT TYPE | | |
|--------------|------------------|--------|-------|
| | Non-ducted | Ducted | Mixed |
| AOU18RLXFZ | ★ | -- | -- |
| AOU24RLXFZ | ★ | -- | -- |
| AOU36RLXFZ1 | -- | -- | -- |
| AOU45RLXFZ | -- | -- | -- |

AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ1, AOU45RLXFZ

| | | AOU18RLXFZ ASU9+ASU9 | AOU24RLXFZ ASU9+ASU7+ASU7 | AOU36RLXFZ1 ASU9 x 4 | AOU45RLXFZ ASU9 x 5 |
|--|-----------|-----------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Performance | | | | | |
| Connectable Indoor Units | | 2 | 2 to 3 | 2* to 4 | 2 to 5 |
| Connectable Unit Capacity Class | BTUh | 14 to 21,000 ¹ | 14 to 27,000 ¹ | 27 to 39,000 ¹ | 34 to 54,000 |
| Rated Capacity Cooling / Heating | | 18,000 / 22,000 | 22,000 / 24,000 | 35,200 / 36,400 | 45,000 / 48,000 |
| Cooling Operating Range | °F (°C) | 14~115 (-10~46) | 14~115 (-10~46) | 14~115 (-10~46) | 14~115 (-10~46) |
| Heating Operating Range | °F (°C) | 5~75 (-15~24) | 5~75 (-15~24) | 5~75 (-15~24) | 5~75 (-15~24) |
| Electrical | | | | | |
| Rated Input Power Clg/Htg | kW | 1.44/1.87 | 1.76/1.73 | 3.52/3.00 | 4.28/3.88 |
| Voltage/Frequency/Phase | | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Maximum Total Current | Amps | 10.0 | 13.7 | 20.3 | 23.8 |
| Minimum Circuit Ampacity | Amps | 12.1 | 16.7 | 24.6 | 28.9 |
| Maximum Circuit Breaker | Amps | 15 | 20 | 30 | 30 |
| Fan: Type x Quantity | | Propeller x 1 | Propeller x 1 | Propeller x 1 | Propeller x 1 |
| Sound Pressure Level Cooling | dB(A) | 49 | 51 | 53 | 53 |
| Sound Pressure Level Heating | dB(A) | 49 | 52 | 55 | 55 |
| Lineset Requirements | | | | | |
| Minimum Lineset Length Each | ft(m) | 16 (5) | 16 (5) | 16 (5) | 16 (5) |
| Maximum Lineset Length Each | ft(m) | 82 (25) | 82 (25) | 82 (25) | 82 (25) |
| Minimum Lineset Length Total | ft(m) | 49 (15) | 49 (15) | 66 (20) | 49 (15) |
| Maximum Lineset Length Total | ft(m) | 164 (50) | 164 (50) | 230 (70) | 264 (80) |
| Pre-Charge Length Total | ft(m) | 98 (30) | 98 (30) | 164 (50) | 164 (50) |
| Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit | ft(m) | 49 (15) | 49 (15) | 49 (15) | 49 (15) |
| Maximum Lineset Height Difference Btwn Indoor Units | ft(m) | 33 (10) | 33 (10) | 33 (10) | 33 (10) |
| Lineset Diameter | Inch | Liq. 1/4 x 2 Gas 3/8 x 2 | Liq. 1/4 x 3 Gas 1/2 x 1, 3/8 x 2 | Liq. 1/4 x 4 Gas 1/2 x 1, 3/8 x 3 | Liq. 1/4 x 5 Gas 1/2 x 2, 3/8 x 3 |
| Size & Weight | | | | | |
| Net Weight | lbs. (kg) | 119 (54) | 124 (56) | 149 (68) | 205 (93) |
| Dimensions: Height | Inch | 27-9/16 | 27-9/16 | 32-11/16 | 39-5/16 |
| | mm | 700 | 700 | 830 | 998 |
| Width | Inch | 35-7/16 | 35-7/16 | 35-7/16 | 38-3/16 |
| | mm | 900 | 900 | 900 | 970 |
| Depth | Inch | 13 | 13 | 13 | 14-9/16 |
| | mm | 330 | 330 | 330 | 370 |
| Refrigerant | | R410A | R410A | R410A | R410A |

*18+18 is the only 2 indoor unit (ASU, ARU or AOU) combination and requires K9FZ1818
¹See table for allowed combinations within this connectable capacity range.



Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.

18, 24, 36,000 BTU_h XLTH MULTI-ZONE OUTDOOR UNITS



XLTH
18, 24,000 BTU_h

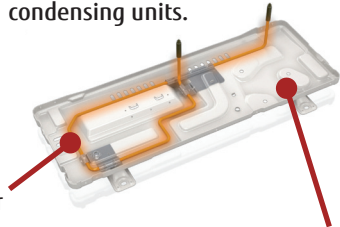


XLTH
36,000 BTU_h

AMBIENT HEATING TEMPERATURE OF -15°F

Other models may go as low as -5°F, however they do not include a base heater and other advancements found in XLTH models. See the full **XLTH** story on page 14.

The base of Fujitsu's XLTH outdoor condensing units.



Base Heater

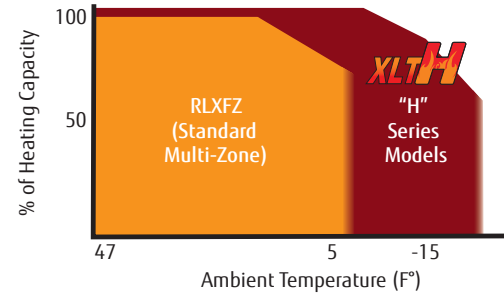
When temperatures reach 36°F, a built-in heater warms the base of the outdoor unit so that condensation doesn't freeze. Without a heater, freezing condensate can cause noise, damage to the fan blade, condenser, and system performance.

Base Drainage Holes

The contoured base design discharges melted water through many holes located at the bottom of the unit.

IMPROVED HEATING CAPACITY

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor.



SERVICE VALVES

AOU18RLXFZH / AOU24RLXFZH

The above units have (2) service valves for each zone.

BENEFITS:

- **Installation** – Allows for reduced installation time.
- **Service** – Allows for refrigerant isolation of each zone, if necessary.
- **Add Ons** – Ease of additional add-ons.

The AOU36RLXFZH does not have this feature.



ENERGY STAR® QUALIFYING SYSTEMS:

| OUTDOOR UNIT | INDOOR UNIT TYPE | | |
|--------------|------------------|--------|-------|
| | Non-ducted | Ducted | Mixed |
| AOU18RLXFZH | ★ | -- | ★ |
| AOU24RLXFZH | ★ | -- | ★ |
| AOU36RLXFZH | ★ | -- | ★ |



HIGH-HEAT AOU18RLXFZH, AOU24RLXFZH, AOU36RLXFZH

| | | AOU18RLXFZH ASU9+ASU9 | AOU24RLXFZH ASU9+ASU7+ASU7 | AOU36RLXFZH ASU9 x 4 |
|--|-----------|-----------------------------|--------------------------------------|--------------------------------------|
| Performance | | XLH | XLH | XLH |
| Connectable Indoor Units | | 2 | 2 to 3 | 2 to 4 |
| Connectable Unit Capacity Class | BTUh | 14,000 to 21,000 | 14,000 to 27,000 | 27,000 to 39,000 |
| Rated Capacity Cooling/Heating | BTUh | 18,000/22,000 | 22,000/25,000 | 35,200/36,400 |
| Cooling Operating Range | °F (°C) | 14 to 115 (-10 to 46) | 14~115 (-10~46) | 14~ 115 (-10~46) |
| Heating Operating Range | °F (°C) | -15 to 75 (-26 to 24) | -15~75 (-26~24) | -15~75 (-26~24) |
| Electrical | | | | |
| Rated Input Power Clg/Htg | kW | 1.33/1.70 | 1.65/1.81 | 2.70/2.67 |
| Voltage/Frequency/Phase | | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Maximum Total Current | Amps | 16.4 | 20.8 | 26.0 |
| Minimum Circuit Ampacity | Amps | 19.7 | 25.1 | 31.5 |
| Maximum Circuit Breaker | Amps | 20 | 30 | 40 |
| Fan: Type x Quantity | | Propeller x 1 | Propeller x 1 | Propeller x 1 |
| Sound Pressure Level Cooling | dB(A) | 48 | 50 | 53 |
| Sound Pressure Level Heating | dB(A) | 50 | 52 | 55 |
| Lineset Requirements | | | | |
| Minimum Lineset Length Each | ft(m) | 16 (5) | 16 (5) | 16 (5) |
| Maximum Lineset Length Each | ft(m) | 82 (25) | 82 (25) | 82 (25) |
| Minimum Lineset Length Total | ft(m) | 49 (15) | 49 (15) | 49 (15) |
| Maximum Lineset Length Total | ft(m) | 164 (50) | 230 (70) | 230 (70) |
| Pre-Charge Length Total | ft(m) | 98 (30) | 98 (30) | 164 (50) |
| Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit | ft(m) | 49 (15) | 49 (15) | 49 (15) |
| Maximum Lineset Height Difference Btwn Indoor Units | ft(m) | 33 (10) | 33 (10) | 33 (10) |
| Lineset Diameter | Inch | Liq. 1/4 x 2 Gas 3/8 x 2 | Liq. 1/4 x 3 Gas 1/2 x 1, 3/8 x 2 | Liq. 1/4 x 4 Gas 1/2 x 1, 3/8 x 3 |
| Size & Weight | | | | |
| Net Weight | lbs. (kg) | 134 (61) | 146 (66) | 205 (93) |
| Dimensions: Height | Inch | 32-11/16 | 32-11/16 | 39-5/16 |
| | mm | 830 | 830 | 998 |
| Width | Inch | 35-7/16 | 35-7/16 | 38-3/16 |
| | mm | 900 | 900 | 970 |
| Depth | Inch | 13 | 13 | 14-9/16 |
| | mm | 330 | 330 | 370 |
| Refrigerant | | R410A | R410A | R410A |



Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.





WHOLE HOME SOLUTIONS

18, 24, 36, 45,000 BTUH OUTDOOR HEAT PUMPS

- Connect 2 to 5 indoor units
- 58 to 120% connectable capacity
- Connect 14,000 to 54,000 total BTUh

Cool or heat one room, a few rooms or an entire home.

ALLOWABLE COMBINATIONS

= Allowed "Connectable Capacity" combinations over 100% **



AOU18RLXFZ
XLH
AOU18RLXFZH
Connect 2 indoor units

| AOU18RLXFZ / AOU18RLXFZH | | |
|--------------------------|--------|-------|
| ZONE 1 | ZONE 2 | TOTAL |
| 7 | 7 | 14 |
| 7 | 9 | 16 |
| 7 | 12 | 19 |
| 9 | 9 | 18 |
| 9 | 12 | 21 |



AOU24RLXFZ
XLH
AOU24RLXFZH
Connect 2-3 indoor units

| AOU24RLXFZ / AOU24RLXFZH | | | |
|--------------------------|--------|--------|-------|
| ZONE 1 | ZONE 2 | ZONE 3 | TOTAL |
| 7 | 7 | + | 14 |
| 7 | 9 | + | 16 |
| 7 | 12 | + | 19 |
| 7 | 15 | | 22 |
| 7 | 18 | | 25 |
| 9 | 9 | + | 18 |
| 9 | 12 | | 21 |
| 9 | 15 | | 24 |
| 9 | 18 | | 27 |
| 12 | 12 | | 24 |
| 12 | 15 | | 27 |
| 7 | 7 | 7 | 21 |
| 7 | 7 | 9 | 23 |
| 7 | 7 | 12 | 26 |
| 7 | 9 | 9 | 25 |
| 9 | 9 | 9 | 27 |



AOU36RLXFZ1
XLH
AOU36RLXFZH
Connect 2-4 indoor units

| AOU36RLXFZH | | |
|-------------|--------|-------|
| ZONE 1 | ZONE 2 | TOTAL |
| 7 | 24 | 31 |
| 9 | 24 | 33 |
| 12 | 24 | 36 |
| 15 | 24 | 39 |

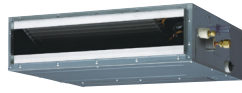
| AOU36RLXFZ1 / AOU36RLXFZH | | | | |
|---------------------------|--------|--------|--------|-------|
| ZONE 1 | ZONE 2 | ZONE 3 | ZONE 4 | TOTAL |
| 18* | 18* | | | 36 |
| 7 | 7 | 15 | + | 29 |
| 7 | 7 | 18 | + | 32 |
| 7 | 7 | 24 | | 38 |
| 7 | 9 | 12 | + | 28 |
| 7 | 9 | 15 | + | 31 |
| 7 | 9 | 18 | | 34 |
| 7 | 12 | 12 | + | 31 |
| 7 | 12 | 15 | | 34 |
| 7 | 12 | 18 | | 37 |
| 9 | 9 | 9 | + | 27 |
| 9 | 9 | 12 | + | 30 |
| 9 | 9 | 15 | | 33 |
| 9 | 9 | 18 | | 36 |
| 9 | 12 | 12 | | 33 |
| 9 | 12 | 15 | | 36 |
| 9 | 12 | 18 | | 39 |
| 12 | 12 | 12 | | 36 |
| 12 | 12 | 15 | | 39 |
| 7 | 7 | 7 | 7 | 28 |
| 7 | 7 | 7 | 9 | 30 |
| 7 | 7 | 7 | 12 | 33 |
| 7 | 7 | 7 | 15 | 36 |
| 7 | 7 | 7 | 18^ | 39 |
| 7 | 7 | 9 | 9 | 32 |
| 7 | 7 | 9 | 12 | 35 |
| 7 | 7 | 9 | 15 | 38 |
| 7 | 7 | 12 | 12 | 38 |
| 7 | 9 | 9 | 9 | 34 |
| 7 | 9 | 9 | 12 | 37 |
| 9 | 9 | 9 | 9 | 36 |
| 9 | 9 | 9 | 12 | 39 |

CHOOSE AN OUTDOOR UNIT:
Select either an 18, 24, 36 or 45,000 BTU/h outdoor unit combined with wall mounted, slim duct, compact cassette or floor mount type indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be hidden or showcased.

CHOOSE INDOOR UNITS:



- ASU7RLF1
- ASU9RLF1
- ASU12RLF1
- ASU15RLF1^o
- ASU18RLF
- ASU24RLF



- ARU7RLF
- ARU9RLF
- ARU12RLF
- ARU18RLF
- ARU24RLF

NOTE: These tables are not for system capacity selection. Fujitsu 'Design Simulator' software can be used for Halcyon equipment selection



- AAU7RLF
- AAU9RLF
- AAU12RLF
- AAU18RLF



- AGU9RLF
- AGU12RLF
- AGU15RLF

^o"+" represents available circuit for future expansion when connecting this combination.
* The optional kit "K9FZ1818 (UTP-MU36A2)" is necessary for dual zone system "18+18" with AOU36RLXFZ1 only.
^ Wall mounted type ASU18RLF cannot be connected in this combination using AOU36RLXFZ1. Combination allowed with AOU36RLXFZH.
^o Actual rated cooling capacity of ASU15RLF1 is 14,000 BTU/h. Do not use combination table for system capacity calculations.



AOU45RLXFZ

Connect 2-5 indoor units

= Allowed "Connectable Capacity" combinations over 100% **

| AOU45RLXFZ | | | |
|------------|--------|--------|-------|
| ZONE 1 | ZONE 2 | TOTAL | |
| 18 | 18 | 36 | |
| 12 | 24 | 36 | |
| 15 | 24 | 39 | |
| 18 | 24 | 42 | |
| 24 | 24 | 48 | |
| ZONE 1 | ZONE 2 | ZONE 3 | TOTAL |
| 7 | 7 | 24 | 38 |
| 7 | 9 | 18 | 34 |
| 7 | 9 | 24 | 40 |
| 7 | 12 | 18 | 37 |
| 7 | 12 | 24 | 43 |
| 7 | 15 | 15 | 37 |
| 7 | 15 | 18 | 40 |
| 7 | 15 | 24 | 46 |
| 7 | 18 | 18 | 43 |
| 7 | 18 | 24 | 49 |
| 9 | 9 | 18 | 36 |
| 9 | 9 | 24 | 42 |
| 9 | 12 | 15 | 36 |
| 9 | 12 | 18 | 39 |
| 9 | 12 | 24 | 45 |
| 9 | 15 | 15 | 39 |
| 9 | 15 | 18 | 42 |
| 9 | 15 | 24 | 48 |
| 9 | 18 | 18 | 45 |
| 9 | 18 | 24 | 51 |
| 12 | 12 | 12 | 36 |
| 12 | 12 | 15 | 39 |
| 12 | 12 | 18 | 42 |
| 12 | 12 | 24 | 48 |
| 12 | 15 | 15 | 42 |
| 12 | 15 | 18 | 45 |
| 12 | 15 | 24 | 51 |
| 12 | 18 | 18 | 48 |
| 12 | 18 | 24 | 54 |
| 15 | 15 | 15 | 45 |
| 15 | 15 | 18 | 48 |
| 15 | 15 | 24 | 54 |
| 15 | 18 | 18 | 51 |
| 18 | 18 | 18 | 54 |

| AOU45RLXFZ, con't | | | | |
|-------------------|--------|--------|--------|-------|
| ZONE 1 | ZONE 2 | ZONE 3 | ZONE 4 | TOTAL |
| 7 | 7 | 7 | 15 | 36 |
| 7 | 7 | 7 | 18 | 39 |
| 7 | 7 | 7 | 24 | 45 |
| 7 | 7 | 9 | 12 | 35 |
| 7 | 7 | 9 | 15 | 38 |
| 7 | 7 | 9 | 18 | 41 |
| 7 | 7 | 9 | 24 | 47 |
| 7 | 7 | 12 | 12 | 38 |
| 7 | 7 | 12 | 15 | 41 |
| 7 | 7 | 12 | 18 | 44 |
| 7 | 7 | 12 | 24 | 50 |
| 7 | 7 | 15 | 15 | 44 |
| 7 | 7 | 15 | 18 | 47 |
| 7 | 7 | 15 | 24 | 53 |
| 7 | 7 | 18 | 18 | 50 |
| 7 | 9 | 9 | 9 | 34 |
| 7 | 9 | 9 | 12 | 37 |
| 7 | 9 | 9 | 15 | 40 |
| 7 | 9 | 9 | 18 | 43 |
| 7 | 9 | 9 | 24 | 49 |
| 7 | 9 | 12 | 12 | 40 |
| 7 | 9 | 12 | 15 | 43 |
| 7 | 9 | 12 | 18 | 46 |
| 7 | 9 | 12 | 24 | 52 |
| 7 | 9 | 15 | 15 | 46 |
| 7 | 9 | 15 | 18 | 49 |
| 7 | 9 | 18 | 18 | 52 |
| 7 | 12 | 12 | 12 | 43 |
| 7 | 12 | 12 | 15 | 46 |
| 7 | 12 | 12 | 18 | 49 |
| 7 | 12 | 15 | 15 | 49 |
| 7 | 12 | 15 | 18 | 52 |
| 7 | 15 | 15 | 15 | 52 |
| 9 | 9 | 9 | 9 | 36 |
| 9 | 9 | 9 | 12 | 39 |
| 9 | 9 | 9 | 15 | 42 |
| 9 | 9 | 9 | 18 | 45 |
| 9 | 9 | 9 | 24 | 51 |
| 9 | 9 | 12 | 12 | 42 |
| 9 | 9 | 12 | 15 | 45 |
| 9 | 9 | 12 | 18 | 48 |
| 9 | 9 | 12 | 24 | 54 |
| 9 | 9 | 15 | 15 | 48 |
| 9 | 9 | 15 | 18 | 51 |
| 9 | 9 | 18 | 18 | 54 |
| 9 | 12 | 12 | 12 | 45 |
| 9 | 12 | 12 | 15 | 48 |
| 9 | 12 | 12 | 18 | 51 |
| 9 | 12 | 15 | 15 | 51 |
| 9 | 12 | 15 | 18 | 54 |
| 12 | 12 | 12 | 12 | 48 |
| 12 | 12 | 12 | 15 | 51 |
| 12 | 12 | 12 | 18 | 54 |
| 12 | 12 | 15 | 15 | 54 |

| AOU45RLXFZ, con't | | | | | |
|-------------------|--------|--------|--------|--------|-------|
| ZONE 1 | ZONE 2 | ZONE 3 | ZONE 4 | ZONE 5 | TOTAL |
| 7 | 7 | 7 | 7 | 7 | 35 |
| 7 | 7 | 7 | 7 | 9 | 37 |
| 7 | 7 | 7 | 7 | 12 | 40 |
| 7 | 7 | 7 | 7 | 15 | 43 |
| 7 | 7 | 7 | 7 | 18 | 46 |
| 7 | 7 | 7 | 7 | 24 | 52 |
| 7 | 7 | 7 | 9 | 9 | 39 |
| 7 | 7 | 7 | 9 | 12 | 42 |
| 7 | 7 | 7 | 9 | 15 | 45 |
| 7 | 7 | 7 | 9 | 18 | 48 |
| 7 | 7 | 7 | 9 | 24 | 54 |
| 7 | 7 | 7 | 12 | 12 | 45 |
| 7 | 7 | 7 | 12 | 15 | 48 |
| 7 | 7 | 7 | 12 | 18 | 51 |
| 7 | 7 | 7 | 15 | 15 | 51 |
| 7 | 7 | 7 | 15 | 18 | 54 |
| 7 | 7 | 9 | 9 | 9 | 41 |
| 7 | 7 | 9 | 9 | 12 | 44 |
| 7 | 7 | 9 | 9 | 15 | 47 |
| 7 | 7 | 9 | 9 | 18 | 50 |
| 7 | 7 | 9 | 9 | 24 | 56 |
| 7 | 7 | 9 | 12 | 12 | 47 |
| 7 | 7 | 9 | 12 | 15 | 50 |
| 7 | 7 | 9 | 12 | 18 | 53 |
| 7 | 7 | 9 | 15 | 15 | 53 |
| 7 | 7 | 12 | 12 | 12 | 50 |
| 7 | 7 | 12 | 12 | 15 | 53 |
| 7 | 9 | 9 | 9 | 9 | 43 |
| 7 | 9 | 9 | 9 | 12 | 46 |
| 7 | 9 | 9 | 9 | 15 | 49 |
| 7 | 9 | 9 | 9 | 18 | 52 |
| 7 | 9 | 9 | 12 | 12 | 49 |
| 7 | 9 | 9 | 12 | 15 | 52 |
| 7 | 9 | 12 | 12 | 12 | 52 |
| 9 | 9 | 9 | 9 | 9 | 45 |
| 9 | 9 | 9 | 9 | 12 | 48 |
| 9 | 9 | 9 | 9 | 15 | 51 |
| 9 | 9 | 9 | 9 | 18 | 54 |
| 9 | 9 | 9 | 12 | 12 | 51 |
| 9 | 9 | 9 | 12 | 15 | 54 |
| 9 | 9 | 12 | 12 | 12 | 54 |

NOTE: These tables are not for system capacity selection. Fujitsu 'Design Simulator' software can be used for Halcyon equipment selection

**Exceeding 100% capacity match will not increase system output capacity

ACCESSORY COMPATIBILITY

| | | SINGLE-ZONE SYSTEMS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---------------------|---------|---------|---------|---------|-------|---------|---------|---------|---------|---------|---------|-------|----------|----------|-------------|----------|----------|--------|---------|--------|--------|---------|--------|---------|---------|----------|---|
| | | WALL MOUNTED | | | | | | | | | | | | | | | FLOOR MOUNT | | | | | | | | | | | | |
| | | 9RLZ | 09LMA51 | 09LMAH1 | 09LZAS1 | 09LZAH1 | 12RLZ | 12LMA51 | 12LMAH1 | 12LZAS1 | 12LZAH1 | 15LZAS1 | 15LZAH1 | 18RLB | 18RLXFW1 | 18RLXFWH | 24RLB | 24RLXFW1 | 24RLXFWH | 30RLXB | 30RLXEH | 36RLXB | 9RLEFF | 9RLEFFH | 12RLFF | 12RLFFH | 15RLEFF | 15RLEFFH | |
| REMOTE CONTROLS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-RNBYU | Wired Remote Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-RNNUM | Wired Remote Control | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| UTY-RVNUM | Wired Remote Control (Backlit) | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| UTY-RSNUM | Simple Remote Control 3-Wire | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| UTY-RSRY | Simple Remote Control 2-Wire | ●2 | ●2 | ●2 | ●2 | | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | | | | | | | | | ● | | | | | | | |
| UTY-RHRY | Simple Remote Control 2-Wire | ●2 | ●2 | ●2 | ●2 | | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | | | | | | | | | ● | | | | | | | |
| UTY-LNHUM | Wireless Remote Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-RNRUZ Series | Wired Remote Control | ●2 | ●2 | ●2 | ●2 | | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | | | | | | | | | ● | | | | | | | |
| UTY-XSZX | Remote Sensor | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-LRHUM | Receiver Unit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-LBTUM | IR receiver kit w/ wireless remote controller | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-LBTUC | IR receiver kit w/ wireless remote controller | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WI-FI DEVICES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-IR-WIFI-1NA | Wi-Fi Device: IR Wireless Module | ● | | | | | ● | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| FJ-RC-WIFI-1NA | Wi-Fi Device: Wired Module | | | | | | | | | | | | | | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | |
| FJ-AC-WIFI-1 | Wi-Fi Device: Wired Module | ● | ● | ●4 | ●4 | | ● | ● | ●4 | ●4 | ●4 | ●4 | | | | | | | | | | ● | | | | | | | |
| UTY-TFNXZ2 | Wi-Fi Interface Module | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| UTY-TFSXZ2 | Wi-Fi Interface Module | | | | | | | | | | | | | | | | | | | | | ● | | | | | | | |
| UTY-TFSXF1 | Wi-Fi Interface Module | ● | ● | | | | ● | ● | | | | | | | | | | | | | | | | | | | | | |
| INTERFACE KITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-XWZX | Dry Contact Wire Kit | | | | | | | | | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| UTY-XWZXZ5 | Dry Contact Wire Kit | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | | | | | | | | | | | ● | ● | ● | ● | ● | ● | |
| UTY-XWZXZG | External Connect Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-XWZXZJ | External Connect Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-XCBXZ2 | Interface Kit ³ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-TWRXZ2 | Interface Kit ² | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | | | | | | | | | | | | | | | | | |
| UTD-ECS5A | Slim Duct Connector Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-XWZXZ3 | Outdoor Unit Input/Output Connector | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| UTY-XCSXZ1 | External input and output PCB | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| UTY-XCSXZ2 | External input and output PCB | ● | ● | ●4 | ●4 | | ● | ● | ●4 | ●4 | ●4 | ●4 | | | | | | | | | | | | | | | | | |
| UTZ-GXXB | Interface Kit Box | | | | | | | | | | | | | | | | | | | | | | ● | | | | | | |
| UTY-XCSX | External input and output PCB | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTZ-GXRA | External input and output PCB box | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTZ-GXNA | External input and output PCB bracket | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTY-SHZXC | Human Sensor Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRESH AIR INTAKE KITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTZ-KXGC | High Humidity Insulation Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTR-YDZB | Air Outlet Shutter Plate | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTZ-VXAA | Fresh Air Intake Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTZ-VXRA | Fresh Air Kit | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KHRS940-25 | Fresh Air Intake | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTR-YDZK | Air Outlet Shutter Plate | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MISCELLANEOUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-AC-BAC-1L | BACnet Gateway | ● | ● | ●4 | ●4 | | ● | ● | ●4 | ●4 | ●4 | ●4 | | | | | | | | | | ● | | | | | | | |
| FJ-RC-MBS-1 | Modbus Module | | | | | | | | | | | | | | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | |
| UTY-VMSX | Modbus Gateway | ● | ● | ●4 | ●4 | | ● | ● | ●4 | ●4 | ●4 | ●4 | | | | | | | | | | | | | | | | | |
| UTY-TERX | External Switch Controller | ●2 | ●2 | ●2 | ●2 | | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | |
| UTY-TTRX | Thermostat Converter | ●2 | ●2 | ●2 | ●2 | | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | |
| UTY-VTGX | Network Converter | ●2 | ●2 | ●2 | ●2 | | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | ●2 | | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | ●5 | |
| K9R410A55 | R410A Swivel Adapter | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTD-GXS(A/B/C)-W | Auto Louver Grille Kit ⁷ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTD-GXT(A/B/C)-W | Auto Louver Grille Kit ⁷ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTD-LFN(A/B/C) | Long-life Filter | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1 If using UTY-RNBYU with these models you need to change the dip switch SW-1 to "ON". Refer to Tech Tip #028.
 2 Requires accessory interface kit #UTY-TWRXZ2 in order to connect these devices to IDU.
 3 Wall mounted ASU7, 9, 12RLF1 and ASU15RLF1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.

AIRZONE

Compatible with most Halcyon and Airstage, 2-wire and 3-wire single zone systems.

WHAT IS AIRZONE?

Airzone is an intelligent, communicating zoning system for Halcyon and Airstage ducted indoor units, featuring proportional, modulating dampers. Additional ductless and ducted single zone systems may be integrated for total HVAC control.

HOW DOES IT WORK?

All Airzone dampers and optional Zone Modules are connected by a 4-wire cable, for power and communication. Dampers are positioned to provide optimum airflow into a zone based upon demand. The indoor unit fan is adjusted to meet the instantaneous sum of all calling zones.



Airzone VAF Wired Blueface Principal Controller White (AZVAFBLUEFACECB)



Airzone VAF Control Board with Fujitsu UART Communication Region 2 (AZVAFR2FU2)



Airzone VAF 8" Wired Intelligent Round Damper (AZVAFDAMPER08C)



Airzone VAF 8" Wireless Intelligent Round Damper (AZVAFDAMPER08R)

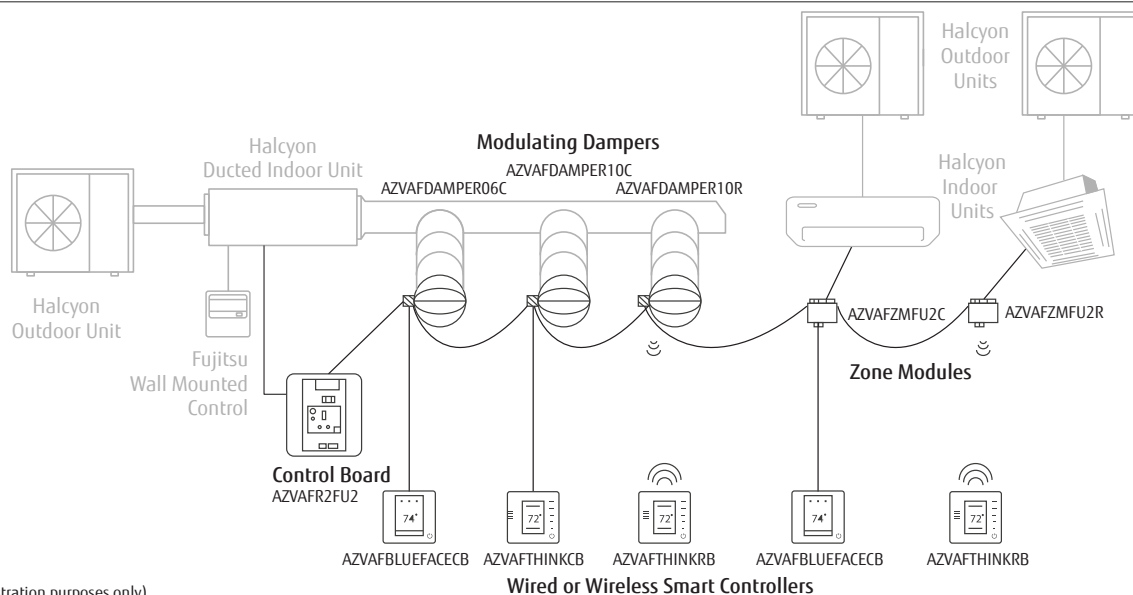
BENEFITS

- An Airzone system can provide precisely delivered airflow into each zone, thus reducing excess equipment capacity.
- Provides ideal temperature control of each zone in your home or office.
- Built in communication gateways maximize Fujitsu Heat Pump inverter efficiency.
- Integrate single zone systems with the ducted, modulating damper system.
- Modulating dampers and proportional fan control eliminates the need for a bypass duct!

FEATURES

- Control and monitor up to 10 individual zones.
- Adjustable minimum and maximum damper positions.
- Control of optional auxiliary heat of the ducted, zoned unit.
- Blueface Principal controller provides simple, single point temperature management of ALL zones!
- Wired and wireless dampers available. Size ranges from 6" to 14" in diameter.
- Flexible control up to 10 hydronic zones, as either primary or auxiliary heat.
- Flexible integration of modulating dampers and single zone units, with optional hydronic heating zones.

CONNECTION DIAGRAM



(diagram for illustration purposes only)

CONTROLS

Wired Remote Control

UTY-RNNUM*
UTY-RNBYU^
3-Wire

Group Control



The wired remote control with its unique lock function and sleek design provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Wired Remote Control

UTY-RVNUM
3-Wire

Group Control



Features a large backlit LCD display and displays the room temperature. Provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Simple Remote Control

UTY-RSNUM
3-Wire

Group Control



Suitable when only basic operations are required for hotels, offices and other places where there is frequent arrival and departure of occupants. Remote does not allow any timer settings.

Simple Remote Control

2-Wire
UTY-RSRY

Group Control



Backlit 2-wire remote with built in temperature sensor. Offers set point adjustment in 1°F increments. Concentrates on basic functions such as Start/Stop, fan control, temperature setting and operation mode.

Simple Remote Control

2-Wire
UTY-RHRY

Group Control



Backlit 2-wire remote with built in temperature sensor. Offers set point adjustment in 1°F increments. Concentrates on basic functions such as Start/Stop, fan control, and temperature setting.

Wired Remote (Touch Panel)

UTY-RNRUZ Series
2-Wire

Group Control



Features a large backlit LCD display and displays the room temperature. Provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Wireless Remote Control

UTY-LNHUM

For spaces where there is just no place to mount the wired remote or where wireless operation is preferred.



Central Controller

UTY-DMMUM
3-Wire

This remote controls up to 5 individual indoor units. Set temperatures on timers to best meet individuals needs. Includes a large backlit LCD and 4-way navigation pad. Remote connects in daisy chain to branch boxes.



Remote Sensor

UTY-XSZX

Wall mounted room temperature sensor for slim duct models. Replaces room temperature sensor in the return when installed while still allowing for temperature correction.



Receiver Kit

UTY-LRHUM

3-Wire
For slim duct models. Includes a wireless remote control.



IR Receiver Kit

UTY-LBTUM

For medium static ducted units. Includes a wireless remote control.



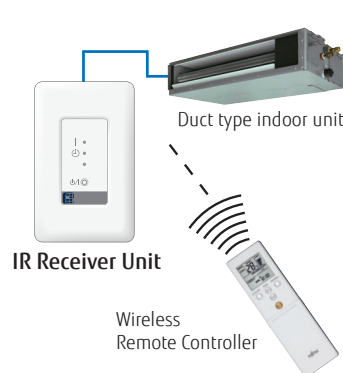
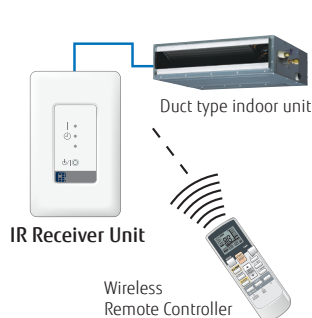
IR Receiver Kit

UTY-LBTUC

For large circular flow cassettes. Includes a wireless remote control.



Group Control: With this feature, multiple evaporators can be 'daisy-chained' together on one single remote control. With multiple, single zone systems, Group Control provides the ability of all indoor units to be operated from a single remote control. Group Control may be used on a single, multizone system, however multiple, multizone system indoor units cannot be grouped together. Single and multizone systems cannot be combined for a single Group Control. For additional information, see Engineering Bulletin # 036 and/or 037.



^ Minimum Heat, Sleep Timer functions will be lost when the wired remote control is installed.

* Wall mounted ASU7, 9, and 12RLF1 require accessory interface kit (Part UTY-XCBXZ2) in order to connect this device to them.

WI-FI DEVICES

See compatibility table, page 13.

IR Wireless Module

Model: FJ-IR-WIFI-1NA
Works with Intesis AC Cloud Control® app



Wired Module

Model: FJ-AC-WIFI-1
Works with Intesis AC Cloud Control® app

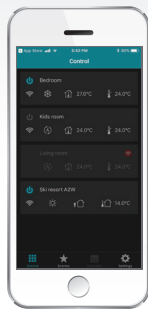


Wired Module

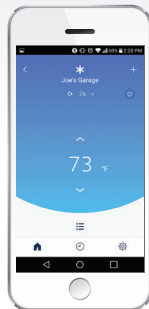
Model: FJ-RC-WIFI-1NA
Works with Intesis AC Cloud Control® app



SAMPLE WI-FI APP SCREEN DISPLAYS



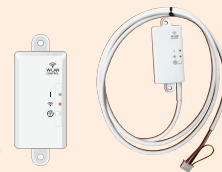
Intesis AC Cloud Control®



FGLair®

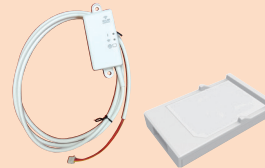
Wi-Fi Module

Model: UTY-TFNXZ2
Works with FGLair® app (Room temp DOES NOT display in FGLair app)



Wi-Fi Module

Model: UTY-TFSXZ2
UTY-TFSXF1
Works with FGLair® app (Room temp DOES display in FGLair app)



ADDITIONAL CONTROLS

Network Converter

UTY-VTGX
The Network Converter is used to control and monitor one or more single-zone Halcyon indoor units (max of 16 IDU's per converter) through Airstage VRF Central Controllers.



Thermostat Converter

UTY-TTRX
Control Halcyon products¹ using a third party thermostat. Up to 16 indoor units can be connected as a group to one thermostat converter.



Modbus Converter

UTY-VMSX
Control and monitor systems over Modbus RTU. ²



BACnet Module

FJ-AC-BAC-1L
Works with Intesis AC Cloud Control® app



Modbus Gateway

FJ-RC-MBS-1
Control and monitor systems over Modbus RTU.



1: NOT compatible with models ABU18/24RULX, ABU36RSLX, AUU18/24/36/42RCLX. 2: Compatible with ARU_RGLX, AUU_RGLX, ASU_LMAS, ASU_LZAS.

INTERFACE KITS

Human Sensor Kit

UTY-SHZXC
For large circular cassette.



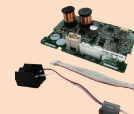
Interface Kit

UTY-XCBXZ2
Required to connect ASU7RLF1, 9RLF1, 12RLF1 and 15RLF1 to Wired Remotes UTY-RNNUM and UTY-RVNUM, Dry Contact Wire Kit UTY-XWZX, and Simple Remote Control UTY-RSNUM.



Interface Kit

UTY-TWRXZ2
Required to connect ASU09, 12LMAS, and ASU09, 12, 15LZAS to Wired Remotes UTY-RNRUZ Series, UTY-RSRY, UTY-RHRY, UTY-TTRX Thermostat Converter, and Dry Contact Wire Kit UTY-XWZXZ5.



FRESH AIR INTAKE KITS

High Humidity Insulation Kit

UTZ-KXGC
Compatible with Compact Cassette. Additional insulation which may be needed when cassettes are installed in high humidity areas.



Fresh Air Intake Kit

UTZ-VXAA
Fresh air kit for AUU7-9-12-18RLF units. Mixes room air then passes it through a heat exchanger. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual.



Fresh Air Intake Kit

KHRS940-25
Fresh air kit for RULX/RSLX systems. Kit contains Current Sensor with Built-in Relay and Switching Power Supply. Requires field supplied ductwork and a fan capable of generating 15 CFM at a static pressure of approximately 0.26" WC.



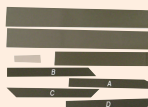
Air Outlet Shutter Plate

UTR-YDZK
Compatible with RGLX Large Cassette. Install in a single outlet, to provide a 3-way airflow pattern. Only one supply air outlet can be blocked at a time.



Air Outlet Shutter Plate

UTR-YDZB
Compatible with Compact Cassette. In a 3-way air flow configuration an Air Outlet Shutter Plate kit is required to block air flow of 1 louver.




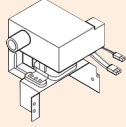


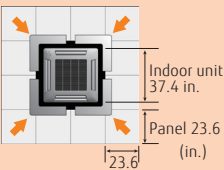
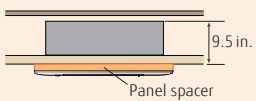
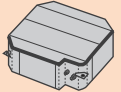

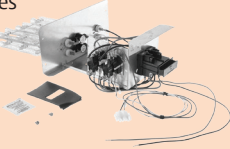
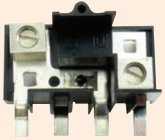


Fresh Air Kit

UTZ-VXRA
For AUU18-24-30-36-42-48RGLX units. Mixes room air then passes it through a heat exchanger. Allows for a 4-inch flex duct connection. Allows up to 10% if high airflow volume.



MISCELLANEOUS

| | | |
|--|--|--|
| <p>3-Pole Single Throw Safety Switch K3PST</p> <p>For use where code requires a disconnect at the indoor unit. Not compatible with AOU45RLXFZ.</p>  | <p>R410A Swivel Adapter K9R410A55</p> <p>In order to minimize incorrect charging of systems with R410A Fujitsu uses a different access port. Contractors will need this 55-degree swivel access fitting. not compatible with AOU45RLXFZ.</p>  | <p>Plug Model UTY-WIFI</p> <p>In order to connect certain models to Wired Wi-Fi Module, FJ-RC-WIFI-1NA, this plug must be used.</p>  |
| <p>Condensate Pump UTR-DPB24T</p> <p>OEM design plugs into factory harness for ease of installation. Rated for 11.8" of vertical lift. Only used with System 36RSLX.</p>  | <p>18+18 Combo Fittings Kit K9FZ1818</p> <p>Allows two ASU18RLF1 indoor units to be used on an outdoor AOU36RLXFZ1. Requires special piping; limited to only 18,000 BTU models. Total BTU capacity is limited to 31,600 BTU in cooling. The kit upsizes linesets to 3/8" and 1/2".</p>  | <p>Auto Louver Grille Kit UTD-GX(S/T)A-W (for ARU7/9/12) UTD-GX(S/T)B-W (for ARU18) UTD-GX(S/T)C-W (for ARU24)</p> <p>Auto Louver provides comfortable airflow and blends in with various interiors. Grille can be connected either directly to indoor unit or through the rectangular duct. Only compatible with ARU models with serial numbers greater than 2000.</p>  |
| <p>Wide Panel UTG-AKXA-W</p> <p>Hides the gap between the ceiling hole and the cassette grille.</p>  | <p>Panel Spacer UTG-BKXA-W</p> <p>If there is not enough height in the ceiling space, by inserting this spacer between the cassette grille and the ceiling surface, the height of the body goes into the ceiling space becomes 2 in. (50mm) lower.</p>  | <p>High Humidity Insulation Kit UTZ-KXRA</p> <p>Compatible with RGLX Large Cassette. Install when the under-roof humidity is over 80% and the temperature is over 86° F (30° C)</p>  |
| <p>Wind Baffles</p> <p>Ensure continued operation during high wind conditions, especially with roof-mounted units. Wind Baffles prevent nuisance stoppage of outdoor unit, if wind gusts reverse fan rotation while the fan motor is off. Reference Wind Baffle chart below.</p>  | <p>Electric Heater Kit RXBH-1724***-A Series</p> <p>Compatible with AMUG24, 30, 36, 48LMAS Reference multi-position AHU documentation for compatibility.</p>  | <p>Electric Heater Jumper Bar RXBJ-A21*</p> <p>Required for electric heater kit 13kW and above.</p>  |

WIND BAFFLE COMPATIBLE UNITS

| HALCYON MODEL | WIND BAFFLE MODEL | HALCYON MODEL | WIND BAFFLE MODEL |
|---------------|-------------------|---------------|-------------------|
| AOU9RL2 | UTZ-DUWBCA | AOU18RLXF1 | UTZ-DUWBVWA |
| AOU12RL2 | | AOU24RLXF1 | |
| AOUG09LMAS1 | UTZ-DUWBG2A | AOU18RLXFWH | |
| AOUG12LMAS1 | | AOU24RLXFWH | |
| AOUG09LMAH1^ | | AOU30RLXB | |
| AOUG12LMAH1^ | | AOU36RLXB | |
| AOUG09LZAS1 | UTZ-DUWBG3A | AOU18RLX | |
| AOUG12LZAS1 | | AOU24RLX | |
| AOUG15LZAS1 | | AOU36RLX | |
| AOUG09LZAH1 | | AOU18RLXFZH | |
| AOUG12LZAH1 | | AOU24RLXFZH | |
| AOUG15LZAH1 | | AOU36RLXFZ1 | |
| AOU45RLXFZ | UTZ-DUWBUA | AOU18RGLX | |
| AOU36RLXFZH | | AOU24RGLX | |
| AOUG36LMAS1 | | AOU30RGLX | |
| AOUG48LMAS1 | | AOU36RGLX | |
| AOU30RLXEH | UTZ-DUWBYA* | AOU18RLXFZ | UTZ-DUWBVWA |
| AOU42RGLX | | AOU24RLXFZ | |
| AOU48RGLX | | | |

NOTE: Wind baffles do not extend low ambient cooling capacities. Please refer to Application Buletin AH20201101A for best practices regarding wind baffle usage.

*Please note that these ship with 2 wind baffle units.
^Coming Q3 2021.

LINESET SIZES AND LENGTHS - SINGLE ZONE

| | SINGLE-ZONE SYSTEMS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|-------------|----------|---------|---------|---------|---------|---------|---------|---------|
| | WALL MOUNTED | | | | | | | | | | | | | | | | | | FLOOR MOUNT | | | | | | | | |
| | 9RLZ | 09LMAST | 09LMAH1 | 09LZAS1 | 09LZAH1 | 12RLZ | 12LMAST | 12LMAH1 | 12LZAS1 | 12LZAH1 | 15LZAS1 | 15LZAH1 | 18RLB | 18RLXFW1 | 18RLXFWH | 24RLB | 24RLXFW1 | 24RLXFWH | 30RLXB | 30RLXEH | 36RLXB | 9RLFF | 9RLFFH | 12RLFF | 12RLFFH | 15RLFF | 15RLFFH |
| 1/4" x 3/8" | • | • | • | • | • | • | • | • | • | | | | | | | | | | | | | • | • | • | • | | |
| 1/4" x 1/2" | | | | | | | | | | • | • | • | | | | • | | | | | | | | | | • | • |
| 3/8" x 5/8" | | | | | | | | | | | | | | • | • | | • | • | • | • | • | | | | | | |
| Total System | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Combined Pipe Length ft (m) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 165 (50) | 165 (50) | 66 (20) | 165 (50) | 165 (50) | 165 (50) | 246 (75) | 165 (50) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | |
| Max. Pre-charge Lineset length ft (m) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 66 (20) | 66 (20) | 49 (15) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | |
| Min. Lineset Length ft (m) | 10 (3) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 10 (3) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 10 (3) | 16 (5) | 16 (5) | 10 (3) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 10 (3) | 10 (3) | 10 (3) | 10 (3) | 10 (3) | 10 (3) | |

While these systems share indoor units, different line sizes are required.

| | SINGLE-ZONE SYSTEMS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---------------------|---------|---------|-----------|---------|---------|----------------------|----------|----------|----------|----------|----------|----------------------------|----------|----------|----------|---------------------------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------|--|
| | COMPACT CASSETTE | | | SLIM DUCT | | | MEDIUM STATIC DUCTED | | | | | | MULTI-POSITION AIR HANDLER | | | | UNIVERSAL FLOOR / CEILING | | | CIRCULAR FLOW LARGE CASSETTE | | | | | | | |
| | 9RLFCC | 12RLFCC | 18RLFCC | 9RLFC | 12RLFC | 18RLFC | 12RGLXD | 18RGLXD | 24RGLXD | 30RGLXD | 36RGLXD | 42RGLXD | 48RGLXD | 24RGLXM | 30RGLXM | 36LMAST | 48LMAST | 18RULX | 24RULX | 36RSLX | 18RGLXC | 24RGLXC | 30RGLXC | 36RGLXC | 42RGLXC | 48RGLXC | |
| 1/4" x 3/8" | • | • | | • | • | | • | | | | | | | | | | | | | | | | | | | | |
| 1/4" x 1/2" | | | • | | | • | | • | | | | | | | | | | • | | | • | | | | | | |
| 3/8" x 5/8" | | | | | | | | | • | • | • | • | • | • | • | • | | • | • | • | • | • | • | • | • | • | |
| Total System | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Combined Pipe Length ft (m) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 164 (50) | 164 (50) | 164 (50) | 164 (50) | 246 (75) | 246 (75) | 164 (50) | 164 (50) | 230 (70) | 230 (70) | 165 (50) | 165 (50) | 165 (50) | 164 (50) | 164 (50) | 164 (50) | 164 (50) | 164 (50) | 164 (50) | |
| Max. Pre-charge Lineset length ft (m) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 98 (30) | 98 (30) | 66 (20) | 66 (20) | 98 (30) | 98 (30) | 49 (15) | 49 (15) | 49 (15) | 66 (20) | 66 (20) | 66 (20) | 66 (20) | 98 (30) | 98 (30) | |
| Min. Lineset Length ft (m) | 10 (3) | 10 (3) | 10 (3) | 10 (3) | 10 (3) | 10 (3) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | 16 (5) | |



LINE SET SIZES AND LENGTHS - MULTI-ZONE

| | MULTI / FLEX ZONE MODELS - INDOOR UNITS | | | | | | | | | | | | | | | | | | | | |
|------------------|---|----------|-----------|-----------|----------|-------------|---------|----------|-----------|---------|---------|----------|------------------|----------|---------|---------|----------|----------|---------------|---------------|---------------|
| | WALL MOUNTED | | | | | FLOOR MOUNT | | | SLIM DUCT | | | | COMPACT CASSETTE | | | MIXED | | | | | |
| | ASU7RLF1 | ASU9RLF1 | ASU12RLF1 | ASU15RLF1 | ASU18RLF | ASU24RLF | AGU9RLF | AGU12RLF | AGU15RLF | ARU7RLF | ARU9RLF | ARU12RLF | ARU18RLF | ARU24RLF | AUU7RLF | AUU9RLF | AUU12RLF | AUU18RLF | ASU18RLF x 2* | ARU18RLF x 2* | AUU18RLF x 2* |
| 1/4" x 3/8" | • | • | • | | | | • | • | | • | • | • | | | • | • | • | | | | |
| 1/4" x 1/2" | | | | • | • | | | • | | | | • | | | | | | • | | | |
| 1/4" x 5/8" | | | | | | • | | | | | | | | • | | | | | | | |
| 3/8" x 1/2" | | | | | | | | | | | | | | | | | | | • | • | • |
| Each Indoor Unit | Minimum and maximum pipe lengths for multi-zone units are found on page 59 and page 61. | | | | | | | | | | | | | | | | | | | | |

MULTI / FLEX ZONE MODELS - OUTDOOR UNITS

| | AOU18RLXFZ | AOU18RLXFZH | AOU24RLXFZ | AOU24RLXFZH | AOU36RLXFZ1 | AOU36RLXFZH | AOU45RLXFZ |
|---|------------|-------------|------------|-------------|-------------|-------------|------------|
| Total System | | | | | | | |
| Max. Combined Pipe Length ft (m) | 165 (50) | 165 (50) | 165 (50) | 165 (50) | 230 (70) | 230 (70) | 264 (80) |
| Max. lineset length (Pre-charge) ft (m) | 98 (30) | 98 (30) | 98 (30) | 98 (30) | 164 (50) | 164 (50) | 164 (50) |
| Min. Lineset Length ft (m) | 49 (15) | 49 (15) | 49 (15) | 49 (15) | 66 (20) | 49 (15) | 49 (15) |

* 18+18 is the only 2 indoor unit combination allowed for AOU36RLXFZ1 and requires kit K9FZ1818.

• While these systems share indoor units, different line sizes are required.



FUJITSU MODEL NOMENCLATURE

Legacy models

| | | | | | | | | | | |
|------------------------------------|-----|----|---|---|---|---|---|---|---|--|
| | AOU | 18 | R | L | X | F | Z | H | 1 | |
| AOU = Outdoor(Single/Multi) | | | | | | | | | | Model Version. May not be combined. Outdoor: H = XLTH Z = Zone W = Wall Mount Only C = Cassette D = Ducted F = HFI (when followed by a "W" or "Z") or Floor Mount W = Wall Mount Only C = Compact Cassette or Slim Duct B = 230V E = Engineering Series A = R410A X = Extended Line Set L = Inverter S = Super Efficient B = 230V |
| ASU = Wall Mount | | | | | | | | | | |
| ABU = Ceiling/Universal Mount | | | | | | | | | | |
| ARU = Ducted | | | | | | | | | | |
| AUU = Cassette | | | | | | | | | | |
| AGU = Floor Mount | | | | | | | | | | |
| BTUh in thousands | | | | | | | | | | |
| R = Reverse Cycle Heat Pump | | | | | | | | | | |
| L = Inverter | | | | | | | | | | |
| S = Ceiling Susp. | | | | | | | | | | |
| U = Universal | | | | | | | | | | |
| G = Large Cassette / Medium Static | | | | | | | | | | |

"Next Generation" models

| | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|----|---|---|---|---|---|--|
| | A | O | U | G | 12 | L | Z | A | S | 1 | |
| A = Heat pump for N. America | | | | | | | | | | | 1-Single-zone Outdoor: S = Standard H = XLTH Indoor: S=Standard Series(Version) A-Z Z = High Tier M = Standard L = R410A/Inverter/Cooling and Heating(H/P) |
| O = Outdoor(Single/Multi) | | | | | | | | | | | |
| S = Wall Mount | | | | | | | | | | | |
| M = Multi-Position Air Handler | | | | | | | | | | | |
| U = FUJITSU/60Hz/208-230V/N. America | | | | | | | | | | | |
| System Generation | | | | | | | | | | | |
| A-Z | | | | | | | | | | | |
| BTUh in thousands | | | | | | | | | | | |



THINGS TO KNOW BEFORE YOU BUY A FUJITSU SYSTEM

COMPLETE SYSTEM WARRANTY

Standard warranties vary depending on model:



6 Year Compressor / 2 Year Parts warranty OR



7 Year Compressor / 5 Year Parts warranty.

Extended warranties include:



10 Year Compressor/Parts warranty for Halcyon systems that have been installed by a licensed contractor and the online Product Registration* has been submitted.



12 Year Compressor/Parts warranty for Halcyon systems that have been installed by an Elite Contractor and the online Product Registration* has been submitted.

Systems must be registered within 60 days of installation for extended warranty.

10-Year and 12-Year warranties exclude: R22 models, IAQ models, ASU30RLX, ABU18RULX, ABU24RULX, ABU36RSLX, AUU18RLCX, AUU24RCLX, AUU36RCLX, AUU42RCLX, AOU18RLX, AOU24RLX, AOU30RLX, AOU36RLX, AOU42RLX

* Residents of California and Quebec are not required to register the System in order to obtain all of the rights and remedies applicable to this Warranty.

For full details, see Halcyon Warranty Statement.

TRADEMARKS

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FGLair is a worldwide trademark of FUJITSU GENERAL LIMITED.

ENERGY STAR® is a registered trademark of the EPA and DOE.

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NON-INTERNET RETAIL POLICY

Internet sales are strictly prohibited and unauthorized. Any HVAC systems purchased on the Internet, from an online retailer or any similar e-tailing website, OR where the original factory serial numbers have been removed, defaced, or replaced in any way WILL NOT BE COVERED BY WARRANTY.

NOTE

- Condensing units come pre-charged from factory. Additional refrigerant may be required, be sure to check installation manual for more details.
- Cooling capacity is based on the following conditions:
Indoor temperature: 80°F DB/67°F WB (26.7°C DB/19.4°C WB)
Outdoor temperature: 95°F DB/75°F WB (35°C DB/23.9°C WB)
- Heating capacity is based on the following conditions:
Indoor temperature: 70°F DB (21.1°C DB)
Outdoor temperature: 47°F DB/43°F WB (8.3°C DB/6.1°C WB)

THINGS TO KNOW BEFORE YOU INSTALL A FUJITSU SYSTEM

WARNING

Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion. Use only parts and accessories supplied or specified by Fujitsu. Ask a licensed contractor to install parts and accessories. Use of unauthorized or improper installation of parts and accessories can result in injury or property damage. Read the owner's operation manual carefully before using this product. The owners operation manual provides important safety instructions and warnings which should be followed closely. For any questions or concerns, please contact Fujitsu General America, Inc. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

HEAT PUMP DISCLAIMER

In most climates a heat pump will handle all of your heating needs. However, this system sometimes requires some other additional source of heat to satisfy heating requirements in the coldest environments. Almost all of Fujitsu's heat pumps use inverter technology and as such offer a wider operating range and more heat capacity than a standard heat pump but will not provide adequate heating if improperly sized or operated outside of its operating range. Specifications vary by model; please consult your contractor before choosing a heat pump as your only source of heat.

Systems will maintain temperature up to +/-4 degrees relative to set temperature. To increase energy efficiency on multi-type systems, you should turn off the evaporators when heating or cooling is not needed.

DISCLAIMER

Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

CERTIFICATIONS

ISO

ISO14001 is the standard defined by the International Organization for Standardization (ISO) related to environmental management systems. Fujitsu General America, Inc. has been acknowledged by an internationally accredited compliance organization as having an appropriate program of environmental protection procedures and activities to meet the requirements of ISO14001. The air conditioners manufactured by Fujitsu have received ISO9001 series certification for quality assurance.



Intertek

- ISO9001
- ISO14001

ASTM

Our outdoor units shall withstand 1,000 hours of salt spray tested per procedure ASTM B117.

RoHS COMPLIANT

Fujitsu participates in the RoHS Directive, which is the Restriction of Hazardous Substances in electrical and electronic equipment. It is an EU directive intended protect the environment by forcing manufacturers to eliminate or severely curtail the use of cadmium, hexavalent chromium, and lead in all products from automobiles to consumer electronics.



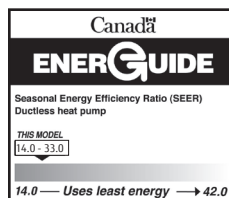
AHRI ENERGY GUIDE® PROGRAM (U.S.)

To view AHRI numbers or Energy Guide labels, please go to www.ahrirectory.org.



HRAI ENERGY GUIDE® PROGRAM (CANADA)

Samples:



For over 40 years,
making the hottest places cool and the coolest places...
more comfortable.

Halcyon Mini-Splits Are For You If:

- If you want to reduce your utility bills by up to 30%
- Central air quotes give you sticker shock
- Want to reclaim attic and closet space occupied by ductwork
- You have warm or cold spots in your home or business
- Your window air conditioner's noise prevents you from hearing the television

Halcyon 



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FUJITSU

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Part #6-26-FG2028 Rev. 3 /2021



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