Mini-Split Air Conditioners and Heat Pumps
for Residential and Light Commercial Applications
Quietly revolutionizing energy efficient home
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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 basement or attic-located evaporator unit and bulky ductwork by using thin copper tubing that pumps refrigerant directly to discreet wall mounted or concealed units inside. Even more remarkable, this same unit works in reverse in winter, absorbing heat from the outside air and moving it indoors to heat your home. The result? Efficient cooling and heating for year-round, whole-house comfort in most climates.

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?
Like your refrigerator, heat pumps use electricity to pump refrigerant and transfer heat from one space to another. When we transfer heat from within our home to the outdoors, we call it "air conditioning". Conversely, when we transfer heat from the outdoors to within the home, we call it a "heat-pump".

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**Wall Mount Unit**
- evaporator/ fancoil (indoor)
- refrigerant lines, electric, drain
- compressor/ condenser (outdoor)

**Unit Can Be Showcased...**
Wall mounted units eliminate the need for ductwork, mount high on a wall and deliver all of the cooling you pay for.

**Slim Duct Unit**
- air return grille
- ...or Hidden
  - Slim Duct units are mounted above a ceiling or in a framed enclosure below a ceiling, so only the grilles show for a clean look. They require minimal ductwork.
**Heat Pumps Provide Heat When it is Chilly**

Because refrigerant is naturally much colder than outdoor temperatures even on a very cold day, it actually absorbs heat from outdoors, and transfers the heat it absorbs outside to within your home. The refrigerant's physical properties do this naturally. What you pay for is the electricity to pump refrigerant via copper tubing from outdoors to indoors. Because we move the heat rather than create it (as electric baseboard or resistant heat does), we can deliver up to 4 times the heat for the energy we consume!

**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 up are heat pumps, which provide both heating and cooling.

**Electric Heaters versus Heat Pumps**

An electric heater converts electricity directly to heat, and if we assume that the heat loss is zero, the output from one kilowatt input is one kilowatt or 3,400 BTU and the EER is 3.4.

Heat pumps are more efficient than some other forms of heating because heat pumps do not actually create heat - they just move it from one place to another. For example, the output of an efficient 10 EER heat pump is triple that of an electric heater.

*EER (Energy Efficiency Rating) = Rated BTU capacity divided by total kW input.*
Individual Zoning: Personalized Whole Home Comfort

Halcyon HFI Systems are some of today’s most advanced forms of heating and air conditioning. One outdoor unit can operate up to 8 indoor units simultaneously. Fujitsu’s HFI 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

Shown here is a 3-zone system using outdoor unit AOU36RLXFZ1.
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 controller (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
A Solution for All of Your Comfort Needs

Ductless Technology
Don’t waste money cooling and heating the ducts in your walls and attic. Fujitsu systems are ductless, meaning they install easily and won’t take up valuable closet space. Since mini-splits have little to no ducting, they forego those 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 tight or in an unconditioned space such as an attic or crawlspace.

Whole Home or Business Comfort
Fujitsu’s Halcyon HFI systems provide home and business owners just the right amount of heating and cooling needed by installing 2 to 8 indoor units connected to one outdoor unit. Indoor units vary by size and style and each creates 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.
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 24%. If your average annual utilities are $4,200, Fujitsu can save you up to $1,008 annually or $10,080 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, consumer loans and utility bill discounts. 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 25 percent on heating and cooling costs.

Fujitsu has 33 systems that are ENERGY STAR qualified in 2016. See the lineup chart on pages 14 - 15 for a full listing of all ENERGY STAR® qualified systems.

SEER ≥ 15.0  EER ≥ 12.5  HSPF ≥ 8.5
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 reach the desired temperature more quickly than conventional air conditioners.

Inverter Benefits
- More heat at lower outdoor temperatures
- Lower RPMs = quieter operation
- Desired temperature in half the time
- Up to 30% more efficient
- Stable temperature

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. We are producing control systems that provide greater convenience for both individual and centralized control with operability suitable for the application.
Applications

Where can mini-splits be used?

Convenience stores
Fast food chains
Fire houses
Police stations
Oil rigs
Bars
Sunrooms and additions
Warehouses
Nursing homes
Small offices
Older homes
New construction homes
Schools
Places of worship
Hospitals and medical facilities
Restaurants
Computer rooms
Hotels and motels
Car washes
ATM vestibules

Just about any place that requires comfort!
FEATURES

Feature Explanation

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

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

**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.

**Apple Catechin Filter**
(polyphenol ingredient from apples)
Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated. 3 - 12 month life expectancy, depending on environment.

**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.

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

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

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

**Dry Mode**
Allows for moisture removal in low load conditions of up to 50% of rated moisture removal capacity.

**Auto Louver: Up/Down**
Redirects airflow automatically with seven position up and down motion which can be set to auto swing.

**Auto Louver: 4 Way**
Redirects airflow automatically with up/down and left/right motion.

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

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

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

**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)**
If a space is left without turning the unit off, ESP knows that it is unoccupied and 20 minutes later, temperature is adjusted accordingly until users return to the room. Function is disable in multi-zone installations.

**Quiet Mode (Indoor Unit)**
An extra quiet fan speed to make sure you are not disturbed.

**Outdoor Unit Low Noise**
Limits compressor and fan speed during high speed operation for a 3 dB noise reduction.+ 

**Power Diffuser**
An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.

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

**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.*

**Low Ambient Cooling**
Can operate in cooling mode even when outdoor ambient is 0°F, 14°F or 32°F, depending on model, without modification. Operation outside of factory specification is not recommended.

**Blue Fin Heat Exchanger**
Blue fin treatment to the outdoor unit's heat exchanger improves corrosion resistance.

**Expanded Heating Performance**
Delivers 100% of rated heating capacity at 5°F (-15°C) and operates down to -5°F (-21°C).

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

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

**Remote Temperature Sensor**
Room temperature sensor is located in optional wired remote controller only.

**Pump Down Operation**
Collects all refrigerant in system back into the outdoor unit when the unit is to be moved or before servicing the refrigerant circuit.

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

**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.

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

**Fresh Air Intake**
Outside air can be introduced by attaching field supplied flexible duct to fresh air knockouts.

**Base Pan Heater**
Prevents condensate from freezing on the outdoor unit.

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

**Warranty**
Fujitsu systems come with either a 2 Year Parts / 6 Year Compressor warranty or up to a 12 Year Parts / Compressor warranty1.

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*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.

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Single Zone Wall Mount Heat Pumps</th>
<th>Single Zone Ducted</th>
<th>Single Zone Cassette</th>
<th>Universal Ceiling Susp.</th>
<th>Floor Mount</th>
<th>Large Cassette</th>
<th>HFI Multi-Zone and Flex-Zone</th>
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</table>

*SEER and HSPF ratings depend on combination of indoor units and outdoor unit selected.

+ Available only with optional wired remote controller.
+ Available only with optional wireless remote controller.
+ Available only with optional remote controller and optional Interface Kit.
+ Available only with optional Interface Kit.
+ Operation monitoring and On/Off control only.

† 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 but have different temperature set points, auto changeover will work.

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

** See bottom of Page 15 for qualifying combinations.
## Single Zone And Multi-Zone Systems Lineup

### Single Zone Wall Mounted Mini-Splits

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<thead>
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<th>BTU</th>
<th>9,000</th>
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<tbody>
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<td><strong>Wall Mount</strong></td>
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<tr>
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<td>ASU12RL2 / AOU12RL2</td>
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<td>ASU9RLF1 / AOU9RLF1</td>
<td>ASU12RLF1 / AOU12RLF1</td>
<td></td>
</tr>
<tr>
<td>Extra Low Temp Heating</td>
<td>ASU9RLS3 / AOU9RLS3H</td>
<td>ASU12RLS3 / AOU12RLS3H</td>
<td>ASU15RLS3 / AOU15RLS3H</td>
</tr>
</tbody>
</table>

### Single Zone Non-Wall Mounted Mini-Splits

<table>
<thead>
<tr>
<th>Model</th>
<th>Indoor</th>
<th>Outdoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Mount Floor/Ceiling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceiling Suspended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large Cassette</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slim Duct Horizontal/Vertical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compact Cassette</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor Mount Highest Efficiency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor Mount Extra Low Temp Heating</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Multi Zone Mini-Splits - Indoor Units

<table>
<thead>
<tr>
<th>BTU</th>
<th>7,000</th>
<th>9,000</th>
<th>12,000</th>
<th>15,000</th>
<th>18,000</th>
<th>24,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compact Wall Mount</strong></td>
<td>ASU7RLF1</td>
<td>ASU9RLF</td>
<td>ASU12RLF</td>
<td>ASU15RLS2**</td>
<td>ASU18RLF</td>
<td>ASU24RLF</td>
</tr>
<tr>
<td><strong>Large Wall Mount</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Slim Duct</strong></td>
<td>ARU7RLF</td>
<td>ARU9RLF</td>
<td>ARU12RLF</td>
<td>ARU18RLF</td>
<td>AK024RLF</td>
<td></td>
</tr>
<tr>
<td><strong>Compact Cassette</strong></td>
<td>ASU7RLF</td>
<td>ASU9RLF</td>
<td>ASU12RLF</td>
<td>ASU15RLF</td>
<td>ASU18RLF</td>
<td></td>
</tr>
<tr>
<td><strong>Floor Mount</strong></td>
<td>AGU9RLF</td>
<td>AGU12RLF</td>
<td>AGU15RLF</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ASU15RLS2 is **NOT** compatible with AOU18/24/36RLXFZH, AOU36RLXFZ1 or AOU45RLXFZ.**
### Minimum Ambient Heating Temperatures:

- **+14°F**
- **+5°F**
- **0°F**
- **-5°F**
- **-15°F**

<table>
<thead>
<tr>
<th>BTU</th>
<th>18,000</th>
<th>24,000</th>
<th>30,000</th>
<th>36,000</th>
<th>42,000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>![Image] ASU18RLF / AOU18RLXF1</td>
<td>![Image] ASU24RLF / AOU24RLXF1</td>
<td>![Image] ASU30RLF / AOU30RLF1</td>
<td>![Image] ASU36RLF / AOU36RLF1</td>
<td></td>
</tr>
</tbody>
</table>

### Multi Zone Mini-Splits - Outdoor Units

*If AOU36RLXFZ1 is paired with two 18,000 BTU indoor units, you have to purchase optional kit Part #K9FZ1818.*

*The only combinations that qualify for ENERGY STAR® are:*

- AOU18RLXFZ with (2) ASU9RLF1
- AOU18RLXFZ with (1) ASU7RLF1 + (1) ASU12RLF1
- AOU18RLXFZ with (1) ASU9RLF1 + (1) ASU12RLF1
- AOU18RLXFZ with (2) ASU9RLF1
- AOU24RLXFZ with (2) ASU7RLF1 + (1) ASU9RLF1
- AOU24RLXFZH with (2) ASU7RLF1 + (1) ASU9RLF1
- AOU36RLXFZ1 with (4) ASU9RLF1
- AOU36RLXFZH with (4) ASU9RLF1
- AOU45RLXFZ
- AOU48RLXFZ1

*NEW!*
SINGLE ZONE MINI-SPLIT SYSTEMS

Making the hottest places cool and the coolest places more comfortable

- Extensive lineup from 9,000 to 42,000 BTU/h
- 39 different systems available in 11 indoor unit styles
- Energy efficient systems with SEER ratings as high as 33.0 and HSPF as high as 14.2
- 25 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 21 dB and outdoor units as low as 47 dB
Wall Mounted 115V Inverter 9, and 12,000 BTU Systems

SYSTEMS 9RL2, 12RL2

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. These 16-SEER heat pump systems now feature Inverter technology, environmentally friendly R410A refrigerant, both heating and cooling operation, quiet mode and easy maintenance.

Applications
This category of equipment is ideal for smaller spaces where spot cooling or heating is required. Residential applications including sunrooms and additions are made easier with these 115 volt heat pumps. 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.

Easy Maintenance
Front panel is easily removed for cleaning.

Standard Features
- Wireless Remote Control
- Sleep Timer
- Dry Mode
- Auto Louver
- Auto Mode
- Powerful Operation
- Quiet Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
SINGLE ZONE MINI-SPLITS

Wall Mounted High-SEER 9, 12 and 15,000 BTU Systems

SYSTEMS 9RLS3, 12RLS3, 15RLS3

Energy Saving Program

These Halcyon systems know how to save you money even when you forget. If you leave the room without turning the unit off, ESP knows that you left and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to previous operating mode. This prevents wasteful operation to save energy without you having to think about it. This feature can be deactivated if chosen.

High Performance Heating

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor. Rated heating capacity is maintained down to 20°F. This new model can operate down to -5°F.

Standard Features for RLS and RLS3 Models

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- 24 Hour Timer
- Weekly Timer
- Dry Mode
- Auto Louver: 4-Way
- Auto Mode
- Powerful Operation Mode
- Minimum Heat Mode

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

Optional Accessories

- Wired Remote Controller: UTY-RVNUM
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Communication Kit: UTY-TWBF1
- Dry Contact Wire Kit: UTY-XWZXZ5

Note: Figures are based on 230 Volts.
### Wall Mounted High-Heat 9, 12 and 15,000 BTU Systems

**SYSTEMS** 9RLS3H, 12RLS3H, 15RLS3H

---

**ESP Energy Saving Program**

ESP senses when you leave a room and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to previous operating mode. This feature can be deactivated if chosen.

---

**High Performance Heating**

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor. Standard rated heating capacity is maintained down to 3°F. RLS3H models will deliver more than 73% of rated heating capacity at -15°F.

---

**Base Pan Heater**

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

---

**Optional Accessories**

- Wired Remote Controller: UTY-RVNUM
  - Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Communication Kit: UTY-TWBXF1
- Dry Contact Wire Kit: UTY-XWZWXZ5

---

**Note:** Figures are based on 230 Volts.

---

**Figure:**

- **9RLS3H**
- **12RLS3H**
- **15RLS3H**

---

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
# Wall Mounted HFI Single Zone 9, and 12,000 BTU

## 9RLFW1, 12RLFW1

**SINGLE ZONE MINI-SPLITS**

(Compatible only with HFI Wall Mount Unit)

### Standard Features

<table>
<thead>
<tr>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless Remote Control</td>
</tr>
<tr>
<td>Apple Catechin Filter</td>
</tr>
<tr>
<td>Ion Deodorizing Filter</td>
</tr>
<tr>
<td>Sleep Timer</td>
</tr>
<tr>
<td>24-Hour Timer</td>
</tr>
<tr>
<td>Weekly Timer*</td>
</tr>
<tr>
<td>Dry Mode</td>
</tr>
<tr>
<td>Auto Louver: Up/Down</td>
</tr>
<tr>
<td>Auto Mode</td>
</tr>
</tbody>
</table>

* Available only with optional wired remote controller. **Operation monitoring and On/Off control only.

### 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. Filter lasts 3-12 months.

### Optional Accessories

- Wired Remote Controller: UTY-RVNUM*
  - Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNU*
- Simple Remote Controller: UTY-RSNU*
- Dry Contact Wire Kit: UTY-XWZXZ5
- Interface Kit: UTY-XCBXZ2

* Wall mounted ASU9, 12RLF1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.

---

**Note:** Figures are based on 230 Volts.

---

### Specifications

#### 9RLFW1

<table>
<thead>
<tr>
<th>Feature</th>
<th>9RLFW1 Heat Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Cooling BTU/h</td>
<td>9,000</td>
</tr>
<tr>
<td>Min.~Max. Cooling BTU/h</td>
<td>1,700~10,900</td>
</tr>
<tr>
<td>Nominal Heating BTU/h</td>
<td>12,000</td>
</tr>
<tr>
<td>Min.~Max. Heating BTU/h</td>
<td>1,700~15,000</td>
</tr>
<tr>
<td>HSPF BTU/hw</td>
<td>11.0</td>
</tr>
<tr>
<td>SEER BTU/hw</td>
<td>11.0</td>
</tr>
<tr>
<td>EER Clg</td>
<td>13.8</td>
</tr>
<tr>
<td>Clg. Operating Range °F(°C)</td>
<td>14<del>115 (-10</del>46)</td>
</tr>
<tr>
<td>Htg. Operating Range °F(°C)</td>
<td>7<del>55 (-15</del>24)</td>
</tr>
<tr>
<td>Moisture Removal Pt/h(h)</td>
<td>2.75 (1.3)</td>
</tr>
<tr>
<td>Voltage/Frequency/Phase</td>
<td>2008-230/60/1</td>
</tr>
<tr>
<td>Air Circ. C.F.M. (m3/h): Hi</td>
<td>441 (750)</td>
</tr>
<tr>
<td>Medium</td>
<td>376 (640)</td>
</tr>
<tr>
<td>Low</td>
<td>282 (480) Clg</td>
</tr>
<tr>
<td>Quiet</td>
<td>182 (310) Clg</td>
</tr>
<tr>
<td>Noise Level dB(A) Clg/Htg:</td>
<td>43/43</td>
</tr>
<tr>
<td>Medium</td>
<td>32/23</td>
</tr>
<tr>
<td>Low</td>
<td>21/22</td>
</tr>
<tr>
<td>Quiet</td>
<td>48/48</td>
</tr>
<tr>
<td>Outdoor Noise Level dB(A) Clg/Htg</td>
<td>49/49</td>
</tr>
<tr>
<td>Current, Rated/Max (A): Cooling</td>
<td>3.2/6.0</td>
</tr>
<tr>
<td>Heating</td>
<td>4.2/7.5</td>
</tr>
<tr>
<td>Heating</td>
<td>0.65/1.27</td>
</tr>
<tr>
<td>Power Use Rated/Max (kw):</td>
<td>0.89/1.60</td>
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<tr>
<td>Cooling</td>
<td>1.28/1.99</td>
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<tr>
<td>Fan Speeds Stage</td>
<td>4+Auto</td>
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<tr>
<td>Vertical</td>
<td>Automatic</td>
</tr>
<tr>
<td>Air Filter</td>
<td>Washable</td>
</tr>
<tr>
<td>Apple Catechin Filter</td>
<td>Yes</td>
</tr>
<tr>
<td>Refrigerant</td>
<td>49 (15)</td>
</tr>
<tr>
<td>Combined Min. Lgth Ft (m)</td>
<td>10 (3)</td>
</tr>
<tr>
<td>Combined Max. Lgth Ft (m)</td>
<td>66 (20.1)</td>
</tr>
<tr>
<td>Max. Vertical Diff. Ft (m)</td>
<td>66 (20.1)</td>
</tr>
<tr>
<td>Conn. Pipe Diameter Inch</td>
<td>49 (15)</td>
</tr>
<tr>
<td>Net Weight lbs. (kg)</td>
<td>18 (8)</td>
</tr>
<tr>
<td>Dimensions: Height inch</td>
<td>18 (8)</td>
</tr>
<tr>
<td>10-1/2</td>
<td>33-1/16</td>
</tr>
<tr>
<td>Width inch</td>
<td>35-1/16</td>
</tr>
<tr>
<td>Depth inch</td>
<td>8</td>
</tr>
<tr>
<td>Refrigerant</td>
<td>240</td>
</tr>
<tr>
<td>Cond. Pipe Diameter Inch</td>
<td>268</td>
</tr>
<tr>
<td>Suc. 3/8 Dis. 1/4</td>
<td>268</td>
</tr>
<tr>
<td>Suc. 3/8 Dis. 1/4</td>
<td>268</td>
</tr>
<tr>
<td>Net Weight lbs. (kg)</td>
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<td>Dimensions: Height inch</td>
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<td>10-1/2</td>
<td>33-1/16</td>
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<tr>
<td>Width inch</td>
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<tr>
<td>Depth inch</td>
<td>8</td>
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<tr>
<td>Refrigerant</td>
<td>203</td>
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<tr>
<td>Cond. Pipe Diameter Inch</td>
<td>203</td>
</tr>
<tr>
<td>Suc. 3/8 Dis. 1/4</td>
<td>203</td>
</tr>
<tr>
<td>Suc. 3/8 Dis. 1/4</td>
<td>203</td>
</tr>
</tbody>
</table>

### Terminology

- **I/O Sensor**: Cold / temperature / snowflake / barbell / down
- **Ambient**: Low / temperature / snowflake / barbell / down
- **3rd Party Device Control**: (pre-charge: 49')
- **Remote Temp. Sensor**: Cold Prevention
- **Auto Changeover**: Auto Restart/Reset
- **Auto Mode**: Automatic
- **Wired Remote Controller**: Automatic Flare
- **Wireless Remote Control**: Automatic Flare
- **Apple Catechin Filter**: Fumigation

---

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

- Wireless Remote Control
- Quiet Mode
- Apple Catechin Filter
- Power Diffuser
- Ion Deodorizing Filter
- Auto Restart/Reset
- Sleep Timer
- Auto Changeover
- 24-Hour Timer
- Low Ambient Cooling
- Weekly Timer*
- Long Piping Length
- Dry Mode
- Cold Prevention
- Auto Louver: 4-way
- Remote Temp. Sensor*
- Auto Mode
- Pump Down Operation
- Minimum Heat Mode
- 3rd Party Device Control**
- Economy Mode
- Expanded Heating Perform.

*Available only with optional wired remote controller.
**Operation monitoring and On/Off control only.

High Performance Heating Capacity

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

Optional Accessories

- Wired Remote Controller: UTY-RVNUM
- Backlit and includes room temperature
- Wired Remote Controller: UTY-RNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZX

#Adapter Fittings

Supplied in outdoor unit to be installed on the indoor unit.

Note: Figures are based on 230 Volts.

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
Wall Mounted High-Heat 18 and 24,000 BTU Systems

SYSTEMS 18RLXFWH, 24RLXFWH

Standard Features
- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- Weekly Timer
- Dry Mode
- Auto Louver: 4-Way
- Auto Mode
- Minimum Heat (50°F/10°C)
- Economy Mode
- Quiet Mode (Indoor)
- Power Diffuser
- Auto Restart/Reset
- Auto Changeover
- Low Ambient Cooling
- Blue Fin Heat Exchanger
- Long Piping Length
- Base Pan Heater
- Third Party Device Control
- Cold Prevention

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 base heater that prevents condensate from freezing
- Cultivated base design discharges melted water through many holes.
- Without a heater, freezing condensate can cause noise, damage to fan blade, condenser, and system performance

Optional Accessories
- Wired Remote Controller: UTY-RVNUM
- Backlink and includes room temperature
- Wired Remote Controller: UTY-RNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZX

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
Wall Mounted High-Heat 30,000 BTU System

SYSTEM 30RLXEH

Standard Features
- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- Weekly Timer
- Dry Mode
- Auto Louver: 4-Way
- Auto Mode
- Powerful Operation Mode
- Minimum Heat (50°F/10°C)
- Economy Mode
- Energy Saving Program

Extended Line Set
Long piping lengths between indoor and outdoor units provides flexibility and increased applications.

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 Touch Panel Remote Controller: UTY-RNRUZ1
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RVNUM
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZX
- Interface Kit: UTY-XCSXZ1
- Interface Kit Box: UTZ-GXXB
- Outdoor Unit Input/Output Connector: UTY-XWZXZ3

Up to 18.7 SEER

<table>
<thead>
<tr>
<th>System 30RLXEH</th>
<th>30,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Cooling BTUh</td>
<td>30,000</td>
</tr>
<tr>
<td>Min.–Max. Cooling BTUh</td>
<td>9,900–32,400</td>
</tr>
<tr>
<td>Nominal Heating BTUh</td>
<td>32,000</td>
</tr>
<tr>
<td>Min.–Max. Heating BTUh</td>
<td>8,000–37,500</td>
</tr>
<tr>
<td>HSPF BTUh/W</td>
<td>11.7</td>
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<td>SEER BTUh/W</td>
<td>18.7</td>
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<tr>
<td>EER Clg</td>
<td>12.5</td>
</tr>
<tr>
<td>EER Htg</td>
<td>11.7</td>
</tr>
<tr>
<td>Clg. Operating Range °F(°C)</td>
<td>-5–115 (-20–46)</td>
</tr>
<tr>
<td>Htg. Operating Range °F(°C)</td>
<td>-15–75 (-26–24)</td>
</tr>
<tr>
<td>Voltage/Frequency/Phase</td>
<td>208-230/60/1</td>
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<tr>
<td>MAX.CRT.BKR (A)</td>
<td>30</td>
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<tr>
<td>Air Circ. C.F.M Clg/Htg (m3/h):</td>
<td>Hi</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
</tr>
<tr>
<td></td>
<td>Low</td>
</tr>
<tr>
<td>Quiet</td>
<td></td>
</tr>
<tr>
<td>Noise Level dB(A): Clg/Htg:</td>
<td>Hi</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
</tr>
<tr>
<td></td>
<td>Low</td>
</tr>
<tr>
<td>Quiet</td>
<td></td>
</tr>
<tr>
<td>Outdoor Noise Level dB(A): Clg/Htg:</td>
<td>Hi</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
</tr>
<tr>
<td></td>
<td>Low</td>
</tr>
<tr>
<td>Quiet</td>
<td></td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Power Use Rated/Max (kw):</td>
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</tr>
<tr>
<td>Air Direction: Horizontal</td>
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</tr>
<tr>
<td>Vertical</td>
<td>Automatic</td>
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<td>Air Filter</td>
<td>Washable</td>
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<tr>
<td>Connection Method</td>
<td>Flare</td>
</tr>
<tr>
<td>Combined Min. Lght Ft (m)</td>
<td>16 (5)</td>
</tr>
<tr>
<td>Combined Max. Lght Ft (m)</td>
<td>246 (75)</td>
</tr>
<tr>
<td>Max. Vertical Diff. Ft (m)</td>
<td>98 (30)</td>
</tr>
<tr>
<td>Conn. Pipe Diameter Inch</td>
<td>3/8</td>
</tr>
<tr>
<td>mm</td>
<td>10</td>
</tr>
<tr>
<td>Width Inch</td>
<td>1-1/2</td>
</tr>
<tr>
<td>mm</td>
<td>340</td>
</tr>
<tr>
<td>Depth Inch</td>
<td>1</td>
</tr>
<tr>
<td>mm</td>
<td>280</td>
</tr>
<tr>
<td>Refrigerant</td>
<td>R410A</td>
</tr>
</tbody>
</table>

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

Note: Figures are based on 230 Volts.
Wall Mounted 18, 24, 30 and 36,000 BTU Heat Pumps

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

Function
Stylish, slim and elegant, these wall mounted ductless heat pumps are designed for single rooms. Ideal for spaces requiring 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.

Standard Features
- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- Auto Louver: 4-Way
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover

Optional Accessories
- Wired Remote Controller: UTY-RVNUM
- Wired Remote Controller: UTY-RNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZX

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Nominal Cooling BTUh</td>
<td>18,000</td>
<td>24,000</td>
<td>30,000</td>
</tr>
<tr>
<td>Min.-Max. Cooling BTUh</td>
<td>3,100~19,000</td>
<td>3,100~25,000</td>
<td>9,900~32,400</td>
</tr>
<tr>
<td>Nominal Heating BTUh</td>
<td>18,000</td>
<td>24,000</td>
<td>30,000</td>
</tr>
<tr>
<td>Min.-Max. Heating BTUh</td>
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<td>HSFP BTUhW</td>
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<td>SEER BTUhW</td>
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<td>16.5</td>
</tr>
<tr>
<td>EER Clg</td>
<td>12.5</td>
<td>10.0</td>
<td>9.5</td>
</tr>
<tr>
<td>Clg. Operating Range °F(°C)</td>
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<td>14<del>115 (-15</del>24)</td>
<td>5<del>75 (-15</del>24)</td>
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<tr>
<td>Moisture Removal P/h(h)</td>
<td>4.0 (1.9)</td>
<td>6.3 (3.0)</td>
<td>9.7 (4.6)</td>
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<tr>
<td>Voltage/Frequency/Phase</td>
<td>208-230/60/1</td>
<td>208-230/60/1</td>
<td>208-230/60/1</td>
</tr>
<tr>
<td>MAX.CRT.BKR (A)</td>
<td>15</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>Air Circ. C.F.M. (m/h): Hi</td>
<td>542 (920)</td>
<td>659 (1,120)</td>
<td>659 (1,120)</td>
</tr>
<tr>
<td>Medium</td>
<td>439 (740)</td>
<td>530 (900)</td>
<td>530 (900)</td>
</tr>
<tr>
<td>Low</td>
<td>365 (620)</td>
<td>436 (740)</td>
<td>436 (740)</td>
</tr>
<tr>
<td>Quiet</td>
<td>306 (520)</td>
<td>365 (620)</td>
<td>365 (620)</td>
</tr>
<tr>
<td>Noise Level dB(A) (Clg/Htg): Hi</td>
<td>42/43</td>
<td>47/47</td>
<td>47/47</td>
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<tr>
<td>Medium</td>
<td>35/36</td>
<td>41/42</td>
<td>42/42</td>
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<tr>
<td>Low</td>
<td>31/33</td>
<td>35/36</td>
<td>37/37</td>
</tr>
<tr>
<td>Quiet</td>
<td>26/28</td>
<td>31/33</td>
<td>32/33</td>
</tr>
<tr>
<td>Outdoor Noise Level Clg/Htg dB(A)</td>
<td>51/50</td>
<td>54/55</td>
<td>52/55</td>
</tr>
<tr>
<td>Current Rated Max(A): Cooling</td>
<td>6.4/8.3</td>
<td>10.5/11.8</td>
<td>13.8/16.8</td>
</tr>
<tr>
<td>Heating</td>
<td>5.8/11.8</td>
<td>8.5/13.8</td>
<td>12.3/18.8</td>
</tr>
<tr>
<td>Power Use Rated Max (kw): Cooling</td>
<td>1.44/1.89</td>
<td>2.40/2.69</td>
<td>3.16/3.83</td>
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<td>Heating</td>
<td>1.29/2.69</td>
<td>1.93/3.14</td>
<td>2.80/4.28</td>
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<tr>
<td>Fan Speeds Stage</td>
<td>4+Auto</td>
<td>4+Auto</td>
<td>4+Auto</td>
</tr>
<tr>
<td>Air Direction: Horizontal</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Vertical Air Filter</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Connection Method</td>
<td>Washable</td>
<td>Washable</td>
<td>Washable</td>
</tr>
<tr>
<td>Combined Min. Lgth Ft (m)</td>
<td>10 (3)</td>
<td>10 (3)</td>
<td>16 (5)</td>
</tr>
<tr>
<td>Combined Max. Lgth Ft (m)</td>
<td>66 (20)</td>
<td>66 (20)</td>
<td>165 (50)</td>
</tr>
<tr>
<td>Max. Vertical Diff. ft (m)</td>
<td>49 (15)</td>
<td>49 (15)</td>
<td>98 (30)</td>
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<tr>
<td>Conn. Pipe Diameter Inch mm</td>
<td>31/14</td>
<td>86 (39)</td>
<td>31/14</td>
</tr>
<tr>
<td>Net Weight lbs. (kg)</td>
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<td>998 (448)</td>
<td>998 (448)</td>
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<tr>
<td>Width Inch mm</td>
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<td>998</td>
<td>998</td>
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<tr>
<td>Depth Inch mm</td>
<td>228</td>
<td>228</td>
<td>228</td>
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<td>Refrigerant</td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
</tr>
</tbody>
</table>

Note: Figures are based on 230 Volts.

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
### System 18RULX, 24RULX, 36RSLX

**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.

**Standard Features**

- Wireless Remote Control
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: 4 Way
- Auto Mode
- Auto Restart/Reset
- Auto Changeover
- 0°F Ambient Cooling
- Long Piping Length
- Cold Prevention
- Energy Saver*
- Remote Temp. Sensor*
- Daisy Chain
- Pump Down Operation
- High Ceiling Mode
- Fresh Air Intake^*  

*Available only with optional wired remote controller.*

*Fresh air knockout available. Fresh air fan and ductwork field supplied. See Design and Technical Manual for details.

**Optional Accessories**

- Wired Remote Control UTY-RNBYU*
  - Weekly Timer
  - Full Function Wired Remote
  - Child Lock Capable
  - Condensate Pump UTR-DPB24T
  - OEM design plug and play
  - Rated for 11.8" of vertical lift.

**Applications**

The universal 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.

### System Specifications

<table>
<thead>
<tr>
<th></th>
<th>18RULX</th>
<th>24RULX</th>
<th>36RSLX</th>
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</thead>
<tbody>
<tr>
<td>Nominal Cooling BTU/h</td>
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<td>22,200</td>
<td>34,100</td>
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<tr>
<td>Min.~Max. Cooling BTU/h</td>
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<td>5,000~27,300</td>
<td>8,500~36,000</td>
</tr>
<tr>
<td>Nominal Heating BTU/h</td>
<td>21,500</td>
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<td>36,500</td>
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<td>Low Heating 17°F BTU/h</td>
<td>13,000</td>
<td>15,000</td>
<td>23,400</td>
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<td>Min.~Max. Heating BTU/h</td>
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<td>5,000~29,000</td>
<td>9,200~42,700</td>
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<td>HSPF BTU/hW</td>
<td>8.5</td>
<td>8.5</td>
<td>8.5</td>
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<td>SEER BTU/hW</td>
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<td>8.1</td>
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<td>0<del>115 (-18</del>46)</td>
<td>0<del>115 (-18</del>46)</td>
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<td>14<del>75 (-10</del>24)</td>
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<td>Moisture Removal Pt./h(l/h)</td>
<td>5.3 (2.5)</td>
<td>7.4 (3.5)</td>
<td>7.4 (3.5)</td>
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<td>208-230/60/1</td>
<td>208-230/60/1</td>
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<td>MAX.CRT.BKR (A)</td>
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<td>518 (880)</td>
<td>1089 (1850)</td>
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<td>Air Circ. C.F.M. (m³/h): Hi</td>
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<td>436 (740)</td>
<td>977 (1660)</td>
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<tr>
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<td>324 (550)</td>
<td>371 (630)</td>
<td>842 (1430)</td>
</tr>
<tr>
<td>Low</td>
<td>43/43 (Clg/Htg)</td>
<td>47/47 (Clg/Htg)</td>
<td>48/48 (Clg/Htg)</td>
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<td>Noise Level dB(A): Hi</td>
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<td>43/43 (Clg/Htg)</td>
<td>45/43 (Clg/Htg)</td>
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<td>38/38 (Clg/Htg)</td>
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<td>51/53</td>
<td>53/55</td>
<td>54/55</td>
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<tr>
<td>Outdoor Noise Level dB(A)</td>
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<td>9.8/12.5</td>
<td>18.3/18.8</td>
</tr>
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<td>Current Rated/Max (A): Cooling Heating</td>
<td>9.8/12.5</td>
<td>10.2/12.5</td>
<td>15.3/18.8</td>
</tr>
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<td>4.22/4.35</td>
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<td>3.50/4.35</td>
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<tr>
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<td>3 + Auto</td>
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<td>Automatic Automatic Automatic Automatic</td>
<td>324 (550)</td>
<td>371 (630)</td>
<td>842 (1430)</td>
</tr>
<tr>
<td>Air Filter</td>
<td>Washable Washable Washable</td>
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</tr>
<tr>
<td>Front Grille</td>
<td>Permanent Permanent Permanent</td>
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</tr>
<tr>
<td>Connection Method</td>
<td>Flare Flare Flare</td>
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<td></td>
</tr>
<tr>
<td>Combined Min. Lgh Ft (m)</td>
<td>16 (5)</td>
<td>16 (5)</td>
<td>16 (5)</td>
</tr>
<tr>
<td>Combined Max. Lgh Ft (m)</td>
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<td>165 (50)</td>
<td>165 (50)</td>
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<tr>
<td>Max. Vertical Diff. Ft (m)</td>
<td>66 (20)</td>
<td>66 (20)</td>
<td>98 (30)</td>
</tr>
<tr>
<td>Conn. Pipe Diameter Inch</td>
<td>Suc.1/2 Dis. 1/4</td>
<td>Suc.5/8 Dis. 3/8</td>
<td>Suc.5/8 Dis. 3/8</td>
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<tr>
<td>Net Weight lbs. (kg)</td>
<td>62 (28) 141 (64)</td>
<td>62 (28) 141 (64)</td>
<td>106 (48) 141 (64)</td>
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<td>Dimensions: Height Inch mm</td>
<td>7-7/8 32-3/4</td>
<td>7-7/8 32-3/4</td>
<td>9-1/2 32-3/4</td>
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<tr>
<td>Width Inch mm</td>
<td>199 830</td>
<td>199 830</td>
<td>240 830</td>
</tr>
<tr>
<td>Depth Inch mm</td>
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<td>39-1/8 35-1/2</td>
<td>65-1/2 35-1/2</td>
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<tr>
<td>Refrigerant</td>
<td>655</td>
<td>330</td>
<td>700</td>
</tr>
</tbody>
</table>

Note: Figures are based on 230 Volts.
Floor mount Single Zone 9, 12 and 15,000 BTU Systems

SYSTEMS 9RLFF, 12RLFF, 15RLFF

Up to 26 SEER

Low Temperature Heating Down to -5°F

9RLFF

12RLFF

15RLFF

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space.

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.

Standard Features for RLFF and RLFFH Models

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- 24-Hour Timer
- Auto Louver: Up/Down

Flexible and Easy Installation

Beneath outdoor standard window concave portion

Wall: Half concealed*

Combined Min. Lgth Ft (m)

Nominal Cooling BTU/h
Min.–Max. Cooling BTU/h
Nominal Heating BTU/h
Min.–Max. Heating BTU/h
HSPF BTU/h/W
SEER BTU/h/W
EER Cfg
Ctg. Operating Range °F(°C)
Htg. Operating Range °F(°C)
Moisture Removal Pts./h(l/h)
Voltage/Frequency/Phase
MAX.CRT.BKR (A)
Air Circ. C.F.M. (m/h): Hi
Medium
Low
Quiet
Noise Level dBA/Ctg/Htg: Hi
Medium
Low
Quiet
Outdoor Noise Level dBA/Ctg/Htg
Current Rated (A): Cooling
Heating
Power Use Rated (kw): Cooling
Heating
Fan Speeds Stage
Air Direction: Horizontal
Vertical
Air Filter
Apple Catechin Filter
Ion Deodorizing Filter
Connection Method
Combined Max. Lgth Ft (m)
Max. Vertical Diff. Ft (m)
Conn. Pipe Diameter Inch
Net Weight lbs. (kg)
Dimensions: Height Inch
Width Inch
Depth Inch
Refrigerant

Accessories for RLFF and RLFFH Models

- Wired Remote Controller: UTY-RVNUM
- Wired Remote Controller: UTY-RNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZXZ5

Note: Figures are based on 230 Volts.

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
## Floor Mount Single Zone 9, 12 and 15,000 BTU Systems

**SYSTEMS 9RLFFH, 12RLFFH, 15RLFFH**

### Base Pan Heater
- **RLFFH Models Only**
  - Equipped with a base heater that prevents condensate from freezing
  - Cultivated base design discharges melted water through many holes.
  - Without a heater, freezing condensate can cause noise, damage to fan blade, condenser, and system performance.

### Applications

- **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.

### Nominal Cooling BTU/h

<table>
<thead>
<tr>
<th>9RLFFH</th>
<th>12RLFFH</th>
<th>15RLFFH</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,000</td>
<td>12,000</td>
<td>14,200</td>
</tr>
<tr>
<td>3,100-9,000</td>
<td>12,000-18,000</td>
<td>14,000-21,000</td>
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### EER Cfg. Clg

<table>
<thead>
<tr>
<th>9RLFFH</th>
<th>12RLFFH</th>
<th>15RLFFH</th>
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<tbody>
<tr>
<td>16.0</td>
<td>20.3</td>
<td>12.5</td>
</tr>
</tbody>
</table>

### SEER

- **Nominal Heating BTU/h**
  - Min.-Max.: 12,000-18,800

### R410A

- **Nominal Cooling BTU/h**
  - Min.-Max.: 3,100-13,000

### Condenser, and System Performance

- **Drain Hole**
  - Base Pan Heater

- **Fan Speeds**
  - Manual
  - 4+Auto

### Note

- **Figures are based on 230 Volts.**
- **Figures are based on 230 Volts.**

### Conditions

- **Indoor**
  - **11-7/16**
  - **23/23**
  - **31 (14)**
  - **208-230/60/1**

### Condensate Discharge

- **Condensate discharges melted water through many holes.**

### Indoor Air Filter

- **Apple Catechin Filter**
  - Yes

### Extra Low Temperature Heating Down to -15°F

- **Outdoor**
  - **31/29**
  - **38/37**

### Vertical Air Filter

- **Washable**
  - Yes

### Dimensions

- **Height**: 23-5/8" - 24-7/16"
  - **Width**: 23-5/8" - 24-7/16"
  - **Depth**: 7-7/8" - 11-7/16"

### Refrigerant

- **R410A**

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

### Note

- **Figures are based on 230 Volts.**
Slim Duct Single Zone 9, 12 and 18,000 BTU Systems

SYSTEMS 9RLFCD, 12RLFCD, 18RLFCD

Function
Slim ducts provide comfort cooling or heating for small room applications. Features include high efficiency up to 21.5 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.

High Performance Heating
Heating capacity at low outdoor temperatures is achieved by adopting a large heat exchanger and a high capacity compressor. Systems operate down to -5°F.

Standard Features
- Wired Remote Control
- Weekly Timer
- Dry Mode
- Auto Mode
- Economy Mode
- Minimum Heat
- Auto Restart/Reset

Optional Accessories
- Backlit Wired Remote Control
- Wireless Remote and Receiver Unit

System Components
- System 9RLFCD
  - Indoor: ARU9RLF
  - Outdoor: AOU9RLFC
- System 12RLFCD
  - Indoor: ARU12RLF
  - Outdoor: AOU12RLFC
- System 18RLFCD
  - Indoor: ARU18RLF
  - Outdoor: AOU18RLFC

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.

Applications
Long maximum combined piping length of 66' and 49' in height allow for versatile installations. Flexible installation, either horizontal or vertical, and low height enables compact soffit or cabinet installation. These features make slim duct systems ideal for commercial applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction.

Optional Accessories
- Backlit Wired Remote Control
- Wireless Remote and Receiver Unit

System Components
- System 9RLFCD
  - Indoor: ARU9RLF
  - Outdoor: AOU9RLFC
- System 12RLFCD
  - Indoor: ARU12RLF
  - Outdoor: AOU12RLFC
- System 18RLFCD
  - Indoor: ARU18RLF
  - Outdoor: AOU18RLFC

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 fiberglass filter is shown in blue to the left. A MERV pleated filter is shown in white.
### Slim Duct

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

#### Traditional

```
13
```

#### Compact Duct

```
9.4
```

### Return Air-intake Choices

- **Bottom**
- **Back**

### Flexible Installation

Horizontal or vertical.

*Internal drain pump will not operate when the unit is mounted in a vertical configuration.

---

### 9RLFCD 12RLFCD 18RLFCD

<table>
<thead>
<tr>
<th></th>
<th>9RLFCD Heat Pump</th>
<th>12RLFCD Heat Pump</th>
<th>18RLFCD Heat Pump</th>
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<td>Nominal Cooling BTU/h</td>
<td>9,000</td>
<td>12,000</td>
<td>18,000</td>
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<td>3,100–12,000</td>
<td>3,100–13,600</td>
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<td>Nominal Heating BTU/h</td>
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<td>3,100–19,400</td>
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<td>HSPF</td>
<td>12.2</td>
<td>11.5</td>
<td>11.3</td>
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<td>SEER</td>
<td>21.5</td>
<td>20.0</td>
<td>19.7</td>
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<tr>
<td>EER Ctg</td>
<td>14.5</td>
<td>12.8</td>
<td>12.0</td>
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<td>Cooling Operating Range °F(°C)</td>
<td>14–115 (-10–46)</td>
<td>14–115 (-10–46)</td>
<td>14–115 (-10–46)</td>
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<tr>
<td>Heating Operating Range °F(°C)</td>
<td>-5–75 (-21–24)</td>
<td>-5–75 (-21–24)</td>
<td>-5–75 (-21–24)</td>
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<td>Moisture Removal Pt./h(l/h)</td>
<td>1.5 (.07)</td>
<td>2.7 (1.3)</td>
<td>4.2 (2.0)</td>
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<td>Voltage/Frequency/Phase</td>
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<td>208-230/60/1</td>
<td>208-230/60/1</td>
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<td>MAX.CRT.BKR (A)</td>
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<td>Static Pressure In. W. C.</td>
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<td>353 (600)</td>
<td>383 (650)</td>
<td>554 (940)</td>
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<tr>
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<td>324 (550)</td>
<td>353 (600)</td>
<td>518 (880)</td>
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<tr>
<td>Low</td>
<td>294 (500)</td>
<td>324 (550)</td>
<td>483 (820)</td>
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<tr>
<td>Quiet</td>
<td>265 (450)</td>
<td>283 (480)</td>
<td>442 (750)</td>
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<td>Noise Level dB(A) (Clg/Htg): Hi</td>
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<td>29/29</td>
<td>32/32</td>
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<td>Medium</td>
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<td>28/27</td>
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<td>25/24</td>
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<td>27/27</td>
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<td>Outdoor Noise Level Clg/Htg</td>
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<td>49/50</td>
<td>54/55</td>
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<td>Running Current Rated (A)/Clg/Htg</td>
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<td>4.4/6.0</td>
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<td>1.50/2.15</td>
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<td>1.30/2.00</td>
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<td>Fan Speeds Stage</td>
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<td>4 + Auto</td>
<td>4 + Auto</td>
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<tr>
<td>Low</td>
<td>4 + Auto</td>
<td>4 + Auto</td>
<td>4 + Auto</td>
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<tr>
<td>Max. Vertical Diff. Ft (m)</td>
<td>49 (15)</td>
<td>49 (15)</td>
<td>49 (15)</td>
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<tr>
<td>Conn. Pipe Diameter Inch</td>
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<td>succ 3/8 dis 1/4</td>
<td>succ 1/2 dis 1/4</td>
</tr>
<tr>
<td>Indoor Unit Net Weight lbs. (kg)</td>
<td>41 (19)</td>
<td>41 (19)</td>
<td>50 (23)</td>
</tr>
<tr>
<td>Outdoor Unit Net Weight lbs. (kg)</td>
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<td>86 (38)</td>
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<td>Indoor Unit Dimensions: Height Inch (mm)</td>
<td>7-25/32 (198)</td>
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<td>7-25/32 (198)</td>
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<tr>
<td>Width Inch (mm)</td>
<td>27-9/16 (700)</td>
<td>27-9/16 (700)</td>
<td>35-17/16 (900)</td>
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<td>Depth Inch (mm)</td>
<td>24-13/32 (620)</td>
<td>24-13/32 (620)</td>
<td>24-13/32 (620)</td>
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<td>Supply Duct Flange Dimensions: Height Inch (mm)</td>
<td>5-15/16 (151)</td>
<td>5-15/16 (151)</td>
<td>5-15/16 (151)</td>
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<td>Width Inch (mm)</td>
<td>25-19/32 (650)</td>
<td>25-19/32 (650)</td>
<td>33-15/32 (850)</td>
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<td>Depth Inch (mm)</td>
<td>3/4 (19)</td>
<td>3/4 (19)</td>
<td>3/4 (19)</td>
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<tr>
<td>Return Duct Dimensions: Height Inch (mm)</td>
<td>6 (152)</td>
<td>6 (152)</td>
<td>6 (152)</td>
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<tr>
<td>Width Inch (mm)</td>
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<td>22 (559)</td>
<td>30 (762)</td>
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<tr>
<td>Depth Inch (mm)</td>
<td>3/4 (19) (Flat)</td>
<td>3/4 (19) (Flat)</td>
<td>3/4 (19) (Flat)</td>
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<tr>
<td>Outdoor Unit Dimensions: Height Inch (mm)</td>
<td>11-11/32 (290)</td>
<td>11-11/32 (290)</td>
<td>11-11/32 (290)</td>
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<tr>
<td>Width Inch (mm)</td>
<td>31-3/32 (790)</td>
<td>31-3/32 (790)</td>
<td>31-3/32 (790)</td>
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<tr>
<td>Depth Inch (mm)</td>
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<td>11-11/32 (290)</td>
<td>11-11/32 (290)</td>
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<tr>
<td>Refrigerant</td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
</tr>
</tbody>
</table>

Note: Figures are based on 230 Volts.

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
Function
Compact cassettes provide comfort cooling or heating for small room applications. 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.

High Performance Heating
Heating capacity at low outdoor temperatures is achieved by adopting a large heat exchanger and a high capacity compressor. Systems operate down to -5°F.

Standard Features
- Wired Remote Control
- Weekly Timer
- Dry Mode
- Auto Louver: Up/Down
- Auto Mode
- Minimum Heat*
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient Cooling
- Cold Prevention
- Daisy Chain
- High Ceiling Mode
- Condensate Pump
- Fresh Air Intake**
- 3rd Party Device Control^**

Optional Accessories
- Backlit Wired Remote Control
  UTY-RVNUM Displays room temp.
- Wireless remote UTY-LNHUM

Applications
Long maximum combined piping length of 66’ and 49’ in height allow for versatile installations. 4-way airflow, concealed flush mount design and the ability to operate in limited space above the drop ceiling, makes these systems ideal for commercial applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction.

System Components
- System 9RLFCC
  - AUU9RLF (Indoor)
  - AOU9RLFC (Outdoor)
- System 12RLFCC
  - AUU12RLF (Indoor)
  - AOU12RLFC (Outdoor)
- System 18RLFCC
  - AUU18RLF (Indoor)
  - AOU18RLFC (Outdoor)

* Available only with optional wireless remote control.
** 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.
^ Operation monitoring and On/Off control only.
Easy Installation
Fits into a standard ceiling tile*.

*Dimensions of outer grille are 27-9/16” x 27-9/16” and may overlap adjacent tiles.

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.

**Note:** Figures are based on 230 Volts.
Ceiling Cassette Systems

SYSTEMS 18RCLX, 24RCLX, 36RCLX, 42RCLX

Function
Up to 16-SEER, these models provide up to 30% increase in efficiency over 13-SEER models. These models offer the ability to send up to 38% of their capacity through two branch ducts to adjacent rooms. Slender fit feature now offered on all models decreases space required above the ceiling increasing application opportunities.

Standard Features
- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Energy Saver
- Auto Restart/Reset
- Auto Changeover
- 0°F Ambient Cooling
- Long Piping Length
- Cold Prevention
- Slender Fit
- Remote Temp. Sensor
- Daisy Chain
- Pump Down Operation
- High Ceiling Mode
- Branch Duct Capable
- Built-in Condensate Pump
- Fresh Air Intake*

Applications
Four-way airflow, concealed flush mount design and the ability to operate in high ceiling rooms makes these systems ideal for commercial applications such as offices, conference rooms, restaurants, night clubs and bars in retrofit and new construction. Long maximum combined piping lengths of 165 to 230 feet with 60 to 98 feet of height, depending on model, allow the outdoor unit to be remotely located up to 7 stories away and far from indoor unit. The ceiling cassettes are also used in new construction condominiums and homes taking advantage of their branch duct capability to feed adjacent rooms. These heat pumps provide up to 30% additional available heat when compared to conventional models.

Standard Wired Remote
- Weekly timer
- Set on-off time twice a day
- Set different on-off time by day
- Set time in 5 minute intervals
- Control up to 16 indoor units
- Child lock capable
- Remote temperature sensor

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

*Fresh air knockout available. Fresh air fan and ductwork field supplied. See design and technical manual for details. Fujitsu fresh air intake kit available part #KHRS940-25.
Fujitsu provides knock-outs on all ceiling cassettes where contractors can:

- Install optional field supplied branch ducts on up to two sides to supply up to 18% capacity per side to adjoining spaces up to 16 feet away. See Design and Technical Manual for details.
- Allows fresh air to be brought into the indoor unit using fresh air knockout.

### Specifications

<table>
<thead>
<tr>
<th>18RCLX</th>
<th>24RCLX</th>
<th>36RCLX</th>
<th>42RCLX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominal Cooling BTU/h</strong></td>
<td>17,800</td>
<td>22,200</td>
<td>34,100</td>
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<tr>
<td>Min.-Max. Cooling BTU/h</td>
<td>5,000–21,500</td>
<td>5,000–27,300</td>
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<td><strong>Nominal Heating BTU/h</strong></td>
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<td>24,200</td>
<td>36,000</td>
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<td>Low Temp. Heating 17°F BTU/h</td>
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<td>14,600</td>
<td>23,000</td>
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<td>Min.-Max. Heating BTU/h</td>
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<td>5,000–29,000</td>
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<td>8.5</td>
<td>8.5</td>
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<tr>
<td>SEER BTU/hW</td>
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<td>Clg. Operating Range °F(°C)</td>
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<td>0–115 (-18–46)</td>
<td>0–115 (-18–46)</td>
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<td>Htg. Operating Range °F(°C)</td>
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<td>14–75 (-10–24)</td>
<td>14–75 (-10–24)</td>
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<td><strong>Moisture Removal Pt./h(h)</strong></td>
<td>5.3 (2.5)</td>
<td>6.4 (3.0)</td>
<td>8.5 (4.0)</td>
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<tr>
<td><strong>Voltage/Frequency/Phase MAX.CRT.BKR (A)</strong></td>
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<td>208-230/60/1</td>
<td>208-230/60/1</td>
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<td>942 (1,600)</td>
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<tr>
<td>Low</td>
<td>477 (810)</td>
<td>536 (910)</td>
<td>824 (1,400)</td>
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<td>677 (1,150)</td>
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<td>42/40 (Clg/Htg)</td>
<td>45/43 (Clg/Htg)</td>
<td>48/45 (Clg/Htg)</td>
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<td><strong>Outdoor Noise Level dB(A):</strong></td>
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<td>38/35 (Clg/Htg)</td>
<td>41/41 (Clg/Htg)</td>
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<td>9.2/12.5</td>
<td>18.3/18.8</td>
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<td>Heating</td>
<td>8.9/12.5</td>
<td>10.4/12.5</td>
<td>16.1/18.8</td>
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<td><strong>Power Use Rated/Max (kw):</strong></td>
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<td>2.10/2.88</td>
<td>4.22/4.35</td>
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<td><strong>Clg</strong></td>
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<td>3 + Auto</td>
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<tr>
<td><strong>Fan Speeds Stage</strong></td>
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<tr>
<td><strong>Air Direction: Horizontal</strong></td>
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<td><strong>Vertical</strong></td>
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<td><strong>Air Filter</strong></td>
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<td><strong>Front Grille</strong></td>
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<td><strong>Connection Method</strong></td>
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<td>Flare</td>
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<td>Combined Min. Lgth Ft (m)</td>
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<td>16 (5)</td>
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<tr>
<td>Combined Max. Lgth Ft (m)</td>
<td>165 (50) Each (pre-charge: 49')</td>
<td>165 (50) Each (pre-charge: 49')</td>
<td>165 (50) Each (pre-charge: 49')</td>
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<tr>
<td>Max. Vertical Diff. Ft (m)</td>
<td>66 (20)</td>
<td>66 (20)</td>
<td>98 (30)</td>
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<td>Conn. Pipe Diameter Inch (mm)</td>
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<td>Suc. 1/4</td>
<td>Suc. 5/8</td>
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<td>Su. S. 1/2</td>
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<td>246</td>
<td>296</td>
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<td>Dis. S. 1/4</td>
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<td>900</td>
<td>830</td>
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<td><strong>Net Weight lbs. (kg):</strong></td>
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<td>75 (34)</td>
<td>141 (64)</td>
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<td>Dimensions: Height Inch (mm)</td>
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<td>32-3/4</td>
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<td><strong>Refrigerant</strong></td>
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<td>R410A</td>
<td>R410A</td>
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<td>Indoor AUU18RCLX</td>
<td>Outdoor AOU18RCLX</td>
<td>Outdoor AOU18RCLX</td>
<td>Outdoor AOU18RCLX</td>
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<td>Outdoor AOU24RCLX</td>
<td>Outdoor AOU24RCLX</td>
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<td>Outdoor AOU48RCLX</td>
<td>Outdoor AOU48RCLX</td>
</tr>
</tbody>
</table>

Note: Figures are based on 230 Volts.
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
- Eight combinations are ENERGY STAR® qualified
- Create over thousands of combinations based on indoor type and BTU

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

- 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

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU
- Branch boxes and 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 8 indoor units simultaneously. Fujitsu’s systems are super quiet as well as highly energy efficient.

*Shown to the right is outdoor model AOU36RLXFZ1 connected to a compact cassette, slim duct and wall mount indoor units.*

**Multi-Zone and XLTH Series Systems 18, 24, 36, and 45,000 BTU/h**

AOU18RLXZ, AOU18RLXZH, AOU24RLXZ, AOU24RLXZH, AOU36RLXZ1, AOU36RLXZH, AOU45RLXZ

**Connectable Capacity**

This function allows you to connect indoor units that can exceed outdoor unit capacity. However, if you connect indoor units that exceed 100% of the outdoor unit’s capacity there are limitations.

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’s 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 BTUs (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 AOU36RLXZ1 outdoor unit.

**HFI Series System 48,000 BTU/h**

AOU48RLXZ1

**130% Connectable Capacity**

The HFI system is rated at 48,000 BTUs but you can connect up to 130%, or 62,000 BTUs of rated indoor unit capacity to the AOU48RLXZ1. Connectable capacity allows you to connect indoor units that can exceed outdoor unit capacity. However, if you connect indoor units that exceed 100% of the outdoor unit’s capacity there are limitations.

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’s 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 small 2-story office building with a business downstairs and worker apartments upstairs is 62,000 BTUs (38,000 BTUs downstairs and 24,000 BTUs upstairs) but the workers aren’t upstairs and downstairs at the same time, therefore not all units will be running simultaneously allowing 100% heating or cooling to occupied spaces.
Mix and Match Flexibility

The ability to create the right combinations, the right quantity (up to 8-zones), the right style indoor units, and the right capacity.

It’s the RIGHT choice for your home or business.
Individual Zoning: Personalized Whole Home Comfort

**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

**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
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.

* Features vary by model and therefore standard wireless remote controls should be used with the models they are associated with.

** Feature of models ASU18, 24RLF only.
Slim Duct 7, 9, 12, 18 and 24,000 BTUs

ARU7RLF, ARU9RLF, ARU12RLF, ARU18RLF, ARU24RLF

Flexible Installation

Horizontal or vertical*.

*Internal drain pump will not operate when the unit is mounted in a vertical configuration.

Slim Duct

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

Traditional

13° Drain Pump

Slim Duct

9.4°

Standard Features

- Dry Mode
- Weekly Timer
- Sleep Timer*
- 24-Hour Timer*
- Minimum Heat Mode*
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Condensate Pump
- Fresh Air Intake

*Available only with optional wireless remote control.

Field Supplied Filters

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

<table>
<thead>
<tr>
<th>ARU7RLF</th>
<th>ARU9RLF</th>
<th>ARU12RLF</th>
<th>ARU18RLF</th>
<th>ARU24RLF</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM</td>
<td></td>
<td>CFM</td>
<td>CFM</td>
<td>CFM</td>
</tr>
<tr>
<td>12 x 20</td>
<td>12 x 20</td>
<td>12 x 20</td>
<td>14 x 25</td>
<td>18 x 30</td>
</tr>
<tr>
<td>194</td>
<td>212</td>
<td>230</td>
<td>228</td>
<td>209</td>
</tr>
<tr>
<td>0.36</td>
<td>0.36</td>
<td>0.36</td>
<td>0.36</td>
<td>0.20</td>
</tr>
</tbody>
</table>

1" Fiberglass Filter

<table>
<thead>
<tr>
<th>ARU7RLF</th>
<th>ARU9RLF</th>
<th>ARU12RLF</th>
<th>ARU18RLF</th>
<th>ARU24RLF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.04</td>
<td>0.04</td>
<td>0.05</td>
<td>0.04</td>
<td>0.04</td>
</tr>
<tr>
<td>0.32</td>
<td>0.32</td>
<td>0.31</td>
<td>0.32</td>
<td>0.16</td>
</tr>
<tr>
<td>0.10</td>
<td>0.12</td>
<td>0.14</td>
<td>0.14</td>
<td>0.12</td>
</tr>
<tr>
<td>0.26</td>
<td>0.24</td>
<td>0.22</td>
<td>0.22</td>
<td>0.08</td>
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</table>

1" MERV 8 Pleated Filter

<table>
<thead>
<tr>
<th>ARU7RLF</th>
<th>ARU9RLF</th>
<th>ARU12RLF</th>
<th>ARU18RLF</th>
<th>ARU24RLF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.06</td>
<td>0.07</td>
<td>0.08</td>
<td>0.08</td>
<td>0.07</td>
</tr>
<tr>
<td>0.30</td>
<td>0.29</td>
<td>0.28</td>
<td>0.28</td>
<td>0.13</td>
</tr>
</tbody>
</table>

2" MERV 8 Pleated Filter
Compact Cassette Grille UTG-CCGF sold separately. Must order one with each compact cassette.

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

### Easy Installation
Fits into a standard ceiling tile*.

*Dimensions of outer grille are 27-9/16” x 27-9/16” and may overlap adjacent tiles.

### 2-Stage Turbo Fan
Air distribution is evenly spread across the heat exchanger by the new 2 stage turbo fan which produces two separate airflow streams.

### Standard Features
- Sleep Timer
- Dry Mode
- Auto Louver: Up/ Down
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Remote Temperature Sensor
- High Ceiling Mode
- Condensate Pump
- 2-Stage Turbo Fan
- Minimum Heat Mode+
- Fresh Air Intake**

### Heat exchange efficiency: Increased 20%

### Fresh Air Kit**
UTZ-VXAA
Mixes room air then passes through the heat exchanger.

### Nominal Cooling BTU/h
- AUU7RLF: 7,000
- AUU9RLF: 9,000
- AUU12RLF: 12,000
- AUU18RLF: 18,000

### Nominal Heating BTU/h
- AUU7RLF: 8,100
- AUU9RLF: 10,200
- AUU12RLF: 13,500
- AUU18RLF: 20,000

### Voltage/Frequency/Phase
- 208-230/60/1

### Air Circ. C.F.M. (m³/h)
- Hi: 288 (540)
- Medium: 259 (440)
- Low: 230 (380)
- Quiet: 22.5 (410)

### Noise Level dBA Clg/Htg:
- Hi: 33/34
- Medium: 31/32
- Low: 29/29
- Quiet: 27/27

### Running Current Rated (A): Cooling
- 0.15

### Fan Speeds Stage
1-stage
2-stage

### Air Direction: Vertical
- Automatic

### Air Filter
- Washable

### Front Grille
- UTG-CCGF*

### Connection Method
- Flare

### Conn. Pipe Diameter Inch
- 3/8 inch

### Refrigerant
- R410A

### Net Weight lbs. (kg)
- AUU7RLF: 33 (15)
- AUU9RLF: 33 (15)
- AUU12RLF: 33 (15)
- AUU18RLF: 33 (15)

### Chassis Dim: Height (mm)
- 9-11/16 (245)

### Width (mm)
- 22-7/16 (570)

### Depth (mm)
- 1-15/16 (49)

### Grille Dim: Height (mm)
- 9-11/16 (245)

### Width (mm)
- 22-7/16 (570)

### Depth (mm)
- 1-15/16 (49)

### Refrigerant
- R410A

**Available only with optional wireless remote control.

**Requires Fujitsu’s Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch flex duct connection and a field supplied duct booster fan. Fresh air maximum is 10% of unit High fan CFM. See UTZ-VXAA Design and Technical Manual for fan static pressure requirements at Fresh Air Kit. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4” to the height of the indoor unit.

* Compact Cassette Grille UTG-CCGF sold separately. Must order one with each compact cassette.
Floor Mount 9, 12, and 15,000 BTUs
AGU9RLF, AGU12RLF, AGU15RLF

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.

Flexible and Easy Installation

Standard Features
- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- 24-Hour Timer
- Auto Louver: Up/Down
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Powerful Mode

AGU9RLF AGU12RLF AGU15RLF
| Nominal Cooling BTU/h | 9,000 | 12,000 | 14,200 |
| Nominal Heating BTU/h | 12,000 | 16,000 | 18,000 |
| Voltage/Frequency/Phase | 208-230/60/1 | 208-230/60/1 | 208-230/60/1 |
| Air Circ. C.F.M. (m³/h): Hi | 312 (530) | 353 (600) | 383 (650) |
| | Medium | 259 (440) | 288 (490) |
| | Low | 212 (360) | 224 (380) |
| | Quiet | 159 (270) | 159 (270) |
| Noise Level dB(A)/Clg/Htg: Hi | 39/39 | 42/42 | 44/44 |
| | Medium | 34/34 | 36/38 | 38/39 |
| | Low | 28/28 | 30/32 | 31/33 |
| | Quiet | 22/22 | 22/22 | 22/22 |
| Running Current Rated (A): Cooling | 0.15 | 0.18 | 0.20 |
| | Heating | 0.15 | 0.18 | 0.20 |
| Power Use Rated (W): Cooling | 16 | 18 | 23 |
| | Heating | 16 | 18 | 23 |
| Fan Speeds Stage | 4+Auto | 4+Auto | 4+Auto |
| Vertical | Auto | Auto | Auto |
| Air Filter | Washable | Washable | Washable |
| Apple Catechin Filter | Yes | Yes | Yes |
| Ion Deodorizing Filter | Yes | Yes | Yes |
| Connection Method | Flare | Flare | Flare |
| Conn. Pipe Diameter Inch | Suc. 3/8 | Dis. 1/4 | Suc. 3/8 | Dis. 1/4 | Suc. 1/2 | Dis. 1/4 |
| Net Weight lbs. (kg) | 31 (14) | 31 (14) | 31 (14) |
| 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 |

*Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
Multi-Zone Series
AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ1, AOU45RLXFZ

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.

- Connect 2 to 5 indoor units, depending on model
- Connect 14,000 to 54,000 BTU
- Energy efficient - up to 19.7 SEER and 10.3 HSPF
- No branch boxes or separation tubes

Fujitsu Multi-Zones Make Sense

- Why Choose an 18,000 BTU Zoned System?
  A lower BTU dual zone is often the perfect solution to a comfort need. A consumer shouldn’t have to purchase a higher priced larger unit when only 14 to 18,000 BTU’s are needed.

- A Tri-Zone 24,000 BTU Unit
  Fujitsu offers a 2-ton system that provides 2 or 3-zone flexibility. By using connectable capacity, this system allows up to three 9,000 BTU units.

- Pricing Compared to Competition
  Additional outdoor units provides better matched BTU capacity with indoor units. By better matching the outdoor unit to the indoor capacity a better system value is achieved.
### Multi Zone Outdoor Units 18, 24, 36 and 45,000 BTUs

**AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ1, AOU45RLXFZ**

#### 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.

#### Nominal Capacities, SEER and HSPF Ratings

Data below is based on AHRI 210/240 non-ducted wall mounted models.

<table>
<thead>
<tr>
<th>Model</th>
<th>Indoor Unit</th>
<th>Cooling Capacity Btu/h</th>
<th>EER</th>
<th>SEER</th>
<th>Heating Rated Capacity Btu/h</th>
<th>Heating Maximum Capacity Btu/h</th>
<th>COP</th>
<th>HSPF</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Type</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Combination</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AOU18RLXFZ</strong></td>
<td>Non-Ducted</td>
<td>9+9</td>
<td>18,000</td>
<td>12.5</td>
<td>18.0</td>
<td>24,000/36,900</td>
<td>3.44</td>
<td>9.3</td>
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<tr>
<td></td>
<td>Ducted</td>
<td>9+9</td>
<td>18,000</td>
<td>12.1</td>
<td>16.0</td>
<td>24,000/36,900</td>
<td>3.52</td>
<td>9.0</td>
</tr>
<tr>
<td></td>
<td>Mixed</td>
<td>9+9</td>
<td>18,000</td>
<td>12.3</td>
<td>17.0</td>
<td>24,000/36,900</td>
<td>3.48</td>
<td>9.2</td>
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<tr>
<td></td>
<td><strong>ASU7+ASU9 and ASU9+ASU12</strong></td>
<td>18,000</td>
<td>12.5</td>
<td>18.0</td>
<td>24,000/36,900</td>
<td>3.67</td>
<td>9.4</td>
<td></td>
</tr>
<tr>
<td><strong>AOU24RLXFZ</strong></td>
<td>Non-Ducted</td>
<td>9+7+7</td>
<td>22,000</td>
<td>12.5</td>
<td>18.0</td>
<td>24,000/45,000</td>
<td>3.44</td>
<td>9.3</td>
</tr>
<tr>
<td></td>
<td>Ducted</td>
<td>9+7+7</td>
<td>22,000</td>
<td>11.6</td>
<td>16.8</td>
<td>24,000/45,000</td>
<td>3.42</td>
<td>9.0</td>
</tr>
<tr>
<td></td>
<td>Mixed</td>
<td>9+7+7</td>
<td>22,000</td>
<td>11.6</td>
<td>16.8</td>
<td>24,000/45,000</td>
<td>3.74</td>
<td>9.3</td>
</tr>
<tr>
<td><strong>AOU36RLXFZ1</strong></td>
<td>Non-Ducted</td>
<td>9+9+9+9+9</td>
<td>35,200</td>
<td>9.0</td>
<td>16.0</td>
<td>48,000/72,000</td>
<td>3.32</td>
<td>8.7</td>
</tr>
<tr>
<td></td>
<td>Ducted</td>
<td>9+9+9+9+9</td>
<td>45,000</td>
<td>9.8</td>
<td>17.3</td>
<td>48,000/72,000</td>
<td>3.60</td>
<td>10.3</td>
</tr>
<tr>
<td></td>
<td>Mixed</td>
<td>9+9+9+9+9</td>
<td>45,000</td>
<td>10.2</td>
<td>18.7</td>
<td>47,000/69,000</td>
<td>3.53</td>
<td>9.8</td>
</tr>
<tr>
<td><strong>AOU45RLXFZ</strong></td>
<td>Non-Ducted</td>
<td>9+9+9+9+9+9</td>
<td>45,000</td>
<td>10.5</td>
<td>19.7</td>
<td>51,000/75,000</td>
<td>3.53</td>
<td>9.8</td>
</tr>
<tr>
<td></td>
<td>Ducted</td>
<td>9+9+9+9+9+9</td>
<td>45,000</td>
<td>9.8</td>
<td>17.3</td>
<td>48,000/72,000</td>
<td>3.60</td>
<td>10.3</td>
</tr>
<tr>
<td></td>
<td>Mixed</td>
<td>9+9+9+9+9+9</td>
<td>45,000</td>
<td>10.2</td>
<td>18.7</td>
<td>47,000/69,000</td>
<td>3.53</td>
<td>9.8</td>
</tr>
</tbody>
</table>

Yellow rows represent models that are ENERGY STAR® qualified.
Extra Low Temperature Heating Series (XLTH)
AOU18RLXFZH, AOU24RLXFZH, AOU36RLXFZH

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 you and your family could be left without any heat at all.

Fujitsu’s line of mini-split heat pumps come in different sizes, styles, and rated outdoor temperatures. The XLTH Series features outdoor condensing units engineered to operate in temperatures down to -15°F, lower than any other mini-split available today.

- 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 temperatures
- Energy efficient - up to 21.5 SEER and 10.3 HSPF
- No branch boxes or separation tubes

The XLTH Difference

<table>
<thead>
<tr>
<th>Fujitsu XLTH</th>
<th>Model Without Base Heater</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
<td></td>
</tr>
<tr>
<td>Drain Hole</td>
<td></td>
</tr>
</tbody>
</table>

Drain hole is not filled, no freezing of base  Freezing where there is no heater

Condition: Indoor temp. of 68°FDB / outdoor temp. of 5°FDB, Heating mode, High airflow volume. Operation for 24 hours.
### 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.

#### 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 cultivated 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.

### Nominal Capacities, SEER and HSPF Ratings

Data below is based on AHRI 210/240 non-ducted wall mounted models.

<table>
<thead>
<tr>
<th>Model</th>
<th>Indoor Unit Type</th>
<th>Cooling Capacity Btu/h</th>
<th>EER</th>
<th>SEER</th>
<th>Heat Pump Rated Capacity Btu/h</th>
<th>Heating Rated Capacity Btu/h</th>
<th>Heating Maximum Capacity Btu/h</th>
<th>COP</th>
<th>HSPF</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOU18RLXFZH</td>
<td>Non-Ducted</td>
<td>18,000</td>
<td>13.5</td>
<td>21.5</td>
<td>22,000</td>
<td>23,600</td>
<td>22,000</td>
<td>3.79</td>
<td>10.3</td>
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<td>Mixed</td>
<td>18,000</td>
<td>12.4</td>
<td>20.3</td>
<td>22,000</td>
<td>23,600</td>
<td>22,000</td>
<td>3.60</td>
<td>9.0</td>
</tr>
<tr>
<td>AOU24RLXFZH</td>
<td>Ducted</td>
<td>22,000</td>
<td>13.3</td>
<td>20.0</td>
<td>25,000</td>
<td>26,400</td>
<td>25,000</td>
<td>3.87</td>
<td>9.7</td>
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<td></td>
<td>Mixed</td>
<td>22,000</td>
<td>12.7</td>
<td>19.0</td>
<td>25,000</td>
<td>26,400</td>
<td>25,000</td>
<td>3.70</td>
<td>9.3</td>
</tr>
<tr>
<td>AOU36RLXFZH</td>
<td>Ducted</td>
<td>35,200</td>
<td>13.0</td>
<td>20.0</td>
<td>36,400</td>
<td>39,300</td>
<td>39,300</td>
<td>4.00</td>
<td>10.3</td>
</tr>
<tr>
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<td>35,200</td>
<td>12.0</td>
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<td>36,400</td>
<td>39,300</td>
<td>39,300</td>
<td>3.88</td>
<td>9.3</td>
</tr>
</tbody>
</table>

Yellow rows represent models that are ENERGY STAR® qualified.
Hybrid Flex Inverter Series (HFI)
AOU48RLXFZ1

A Hybrid system is the blending of a complex VRF system with the simplicity of a multi-zone system to create a hybrid solution that shares the best of both systems.

Flex provides the ability to create the right combinations, the right quantity (up to 8-zones), the right style indoor units, and the right capacity. It’s the right choice for your home or business.

An Inverter is a system that controls the rotational speed (not just an ON/OFF signal) of an electric motor by adjusting the frequency and voltage of the electrical power supplied to the motor. The inverter constantly regulates the compressor speed to its optimum energy usage, producing higher refrigerant performance with less power consumption.

This system provides individual temperature control throughout your home or business so each room, zone or floor will be the temperature you set! An optional Central Remote Control is available which can control up to all 8 indoor units from one keypad.

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU
- Branch boxes and separation tubes are REQUIRED
Compact Size
The compact size of outdoor unit AOU48RLXFZ1 allows for many installation opportunities.

Self Diagnostic Feature
This printed circuit board provides three modes of diagnostics - setting, monitoring and function mode, as well as error codes. It also provides a pre-commissioning check function. Setting mode allows optional functions to be selected. Monitoring mode provides temperature for each thermistor, compressor operation and other functions. Function mode provides cooling test run, heating test run and pump down operation.

Piping Flexibility
Contractors can choose the best direction for piping from the outdoor unit.

DC Twin Rotary Compressor
A high performance, low noise, large capacity DC twin rotary compressor is used. Includes Quiet Mode for night operation.
Branch Boxes
UTP-PU03A, UTP-PU03B

<table>
<thead>
<tr>
<th></th>
<th>UTP-PU03A</th>
<th>UTP-PU03B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connectable Indoor Unit</td>
<td>1 ~ 3</td>
<td>1 ~ 3</td>
</tr>
<tr>
<td>Max. Combination BTU/h</td>
<td>62,000 Nom.*</td>
<td>62,000 Nom.*</td>
</tr>
<tr>
<td>Min. Combination BTU/h</td>
<td>7,000 Nom.*</td>
<td>7,000 Nom.*</td>
</tr>
<tr>
<td>Clg. Operating Range °F(°C)</td>
<td>25-115 (-5-46)</td>
<td>25-115 (-5-46)</td>
</tr>
<tr>
<td>Htg. Operating Range °F(°C)</td>
<td>5-75 (-15-24)</td>
<td>5-75 (-15-24)</td>
</tr>
<tr>
<td>%RH</td>
<td>80 or less</td>
<td>80 or less</td>
</tr>
<tr>
<td>Voltage/Frequency/Phase</td>
<td>208-230/60/1</td>
<td>208-230/60/1</td>
</tr>
<tr>
<td>Maximum Current Ampacity (A)</td>
<td>0.050</td>
<td>0.050</td>
</tr>
<tr>
<td>Running Current Rated (A): Cooling</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Heating</td>
<td>0.050</td>
<td>0.050</td>
</tr>
<tr>
<td>Power Use Rated (W): Cooling</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Heating</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

*As long as the total system nominal capacity is between 39,000 and 62,000 BTUs.

Warning: Branch boxes are not weather tight enclosures and cannot be mounted outdoors or in damp environments exceeding 80% relative humidity, unless using the Branch Box Outdoor Enclosure, Part #UTP-PX-A.

Allowed Branch Box Mounting Direction
Threaded Rod Mount
By reversing the electrical box position you can orient the inlet and outlet pipes into a left hand or right hand configuration.

Horizontal Wall Mount
By reversing the electrical box position you can orient the inlet and outlet pipes into a left hand or right hand configuration.

Vertical Wall Mount
You cannot reverse the electrical box position when mounting the branch box vertically.

Branch Box Outdoor Enclosure
UTP-PX-A

The Branch Box Outdoor Enclosure is used to mount the indoor style Branch Box outdoors. The Branch Box Outdoor Enclosure is a painted metal cover to match the condensing unit. When Branch Box Outdoor Enclosure is not required, see Installation Manual for indoor mounting instructions.

Allowed Mounting Positions

Dimensions in. (mm)
- Net (HxWxD): 8-11/16 x 32 x 17-7/8 (220 x 813 x 454)
- Gross (HxWxD): 3-15/16 x 33-11/16 x 20-5/16 (100 x 880 x 515)

Weight lbs. (kg)
- Net Branch Box cover only: 22 (10)
- Net Branch Box + Cover: 44.1 (20)
- Gross: 30.9 (14)

Separation Tube Assembly Kit
UTP-SX248A

<table>
<thead>
<tr>
<th>Size</th>
<th>Liquid Inch</th>
<th>Suction Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/8 x 3/8 x 3/8</td>
<td>5/8 x 5/8 x 5/8</td>
</tr>
</tbody>
</table>
**Piping**

*Branch box outlets are all 1/2" on gas pipe connections. 1/2" to 3/8" adaptors and 1/2" to 5/8" adaptors included (3 of each).*

### Liquid pipe Adaptor Gas pipe

- **Branch Box to Indoor**
  - 7,000 BTU 1/4 inch included 3/8 inch
  - 9,000 BTU included 1/2 inch
  - 12,000 BTU included n/a
  - 18,000 BTU 5/8 inch included
  - 24,000 BTU

### Pipe Diameter Location Additional Refrigerant

- **3/8"**
  - Outdoor to Branch Box 0.624 oz./ft. or 58g/meter
  - Branch Box to Indoor Unit 0.224 oz./ft. or 21g/meter

*Factory Charge 7.6 lb (3.45 kg) Unit pre-charged to 0 feet*

### Total Pipe Length

- **377’ max.**
  - **230’ max.**

*Height difference between outdoor and indoor units* 

- **98’ max.**

---

**Total Refrigerant Charge**

- Refrigerant Charge 0.624 oz./ft. or 58g/meter
- Additional Refrigerant for each additional section of pipe

---

**Max. piping length between outdoor unit and farthest branch box**

- **180’ max.**

---

**Height difference between indoor and indoor units**

- **49’ max.**

---

* Distance between outdoor unit & farthest indoor unit.
  **Total liquid pipe or total gas pipe.**
Cool or heat one room, a few rooms or an entire home.

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU
- Branch boxes and separation tubes required

flex
48,000 BTUs
Allowable Combinations for AOU18RLXFZ, AOU18RLXFZH, AOU24RLXFZ, AOU24RLXFZH, AOU36RLXFZ1, AOU36RLXFZH, AOU45RLXFZ

<table>
<thead>
<tr>
<th>BTU Capacity</th>
<th>7,000</th>
<th>9,000</th>
<th>12,000</th>
<th>15,000</th>
<th>18,000</th>
<th>24,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOU18RLXFZ / AOU18RLXFZH</td>
<td>7 1</td>
<td>14</td>
<td>7 9</td>
<td>16</td>
<td>7 12</td>
<td>19</td>
</tr>
<tr>
<td>AOU24RLXFZ / AOU24RLXFZH</td>
<td>7 7</td>
<td>14</td>
<td>9 9</td>
<td>18</td>
<td>9 12</td>
<td>21</td>
</tr>
<tr>
<td>AOU36RLXFZ1 / AOU36RLXFZH</td>
<td>9 15</td>
<td>36</td>
<td>9 12</td>
<td>33</td>
<td>9 9</td>
<td>32</td>
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<tr>
<td>AOU45RLXFZ</td>
<td>15,000</td>
<td>42</td>
<td>15,15</td>
<td>41</td>
<td>15,15</td>
<td>38</td>
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<tr>
<td>AOU36RLXFZ1 / AOU36RLXFZH</td>
<td>15,000</td>
<td>42</td>
<td>15,15</td>
<td>41</td>
<td>15,15</td>
<td>38</td>
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</tbody>
</table>

*ASU15RLS2 is NOT compatible with AOU18/24/36RLXFZH, AOU36RLXFZ1 or AOU45RLXFZ. Actual rated cooling capacity of ASU15RLS2 is 14,000 BTU/h. * The optional kit “K9FZ1818 (UTP-MU36A2)” is necessary for dual zone system “18+18”. **Wall mounted type ASU18RLF can not be connected in this combination. *** represents available circuit for future expansion when connecting this combination.
## Allowable Combinations for AOU48RLXFZ1

<table>
<thead>
<tr>
<th>2 Indoor Units</th>
<th>3 Indoor Units</th>
<th>4 Indoor Units</th>
<th>5 Indoor Units</th>
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<tr>
<td>AOU48RLXFZ1</td>
<td>48</td>
<td>48</td>
<td>60</td>
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<tr>
<td>12 12 24</td>
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<tr>
<td>12 12 15</td>
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<tr>
<td>12 12 18</td>
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<tr>
<td>12 12 24</td>
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</tr>
<tr>
<td>12 15 24</td>
<td>50</td>
<td>50</td>
<td>46</td>
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</tbody>
</table>

**Allowed "Connectable Capacity" combinations between 100 and 130%**

- ASU7RLF1, ASU9RLF1, ASU12RLF1, ASU15RLF2, ASU18RLF, ASU24RLF
- ARU7RLF, ARU9RLF, ARU12RLF, ARU18RLF, ARU24RLF
- AUU7RLF, AUU9RLF, AUU12RLF, AUU18RLF, AUU24RLF
- AGU9RLF, AGU12RLF, AGU15RLF
- AOU48RLXFZ1

---

**48,000 BTUs**
## Allowable Combinations for AOU48RLXFZ1

**MULTI ZONE MINI-SPLITS**

<table>
<thead>
<tr>
<th>BTU Capacity</th>
<th>7,000</th>
<th>9,000</th>
<th>12,000</th>
<th>15,000</th>
<th>18,000</th>
<th>24,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 INDOOR UNITS</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASU7RLF, ASU9RLF, ASU12RLF, ASU15RLS2*, ASU18RLF, ASU24RLF</td>
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<tr>
<td><strong>ARU7RLF</strong></td>
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<tr>
<td>ARU9RLF</td>
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<tr>
<td>ARU12RLF</td>
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<tr>
<td>ARU24RLF</td>
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<tr>
<td><strong>AUU7RLF</strong></td>
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<tr>
<td>AUU9RLF</td>
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<tr>
<td>AUU12RLF</td>
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</tr>
<tr>
<td>AUU18RLF</td>
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<tr>
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<tr>
<td><strong>AOU48RLXFZ1</strong></td>
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</tbody>
</table>

*ASU15RLS2 is NOT compatible with AOU18/24/36RLXFZ1 or AOU45RLXFZ2. Actual rated cooling capacity of ASU15RLS2 is 14,000 BTU/h.
Remote Controls

**Wired Remote Controller**
UTY-RNBYU*/UTY-RNNUM*

The wired remote controller 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 Controller**
UTY-RVNUM

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 Controller**
UTY-RSNUM*

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

**Central Remote Controller**
UTY-DMMUM

This remote controls up to 8 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.

**Wireless Remote Controller**
UTY-LNHUM

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

**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 Unit**
UTY-LRHUM

For slim duct models. Includes a wireless remote control.

**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 Unit**
UTY-LRHUM

For slim duct models. Includes a wireless remote control.

**Group Control:** With this feature, multiple evaporators can be ‘daisy-chained’ together on one single remote controller, allowing for multiple single-zoned systems installed in an application to be grouped together by evaporator. The same feature can be used on a multi-zone system however, multiple multi-zone systems cannot be grouped together nor can a single-zone system be group controlled with a multi-zone system. For additional information, see Engineering Bulletin # 036 and/or 037.

**Wi-Fi Devices**

**IR Wireless Module**
Model: FJ-IR-WIFI-1NA

**Wired Module**
Model: FJ-RC-WIFI-1NA

**Plug Model**
UTY-WIFI

In order to connect certain models to Wired Wi-Fi Module, FJ-RC-WIFI-1NA, this plug must be used.

Remotely manage mini-split systems using a simple smartphone, tablet, or PC via the Internet. The mini-splits are controlled from a webpage or using an iOS or Android APP in a very intuitive way. A wireless (Wi-Fi) device installed in each unit controls the operation. A Server in the cloud manages the whole process.

**Features of Wi-Fi Devices**

- Turn the mini-split on before arriving home.
- Change the program if the user is arriving late.
- Know the current room temperature of your home.
- Check if the unit is still on once out of your home and turn it off.
- Program the mini-split with a calendar scheduler in an easy, intuitive way.
- Available in several languages. (Also °C and °F)
- Save money without losing comfort.
- Get instant alarm notifications.

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

* Wall mounted ASU7, 9, and 12RLF1 require accessory interface kit (Part UTY-XCBXZ2) in order to connect this device to them. Wall mounted ASU9, 12, and 15RLS3/H require accessory interface kit (Part UTY-TWBXF1) in order to connect this device to them.
### Interface Kits

**Dry Contact Wire Kit**
UTY-XWZX/UTY-XWZXZ5

Turns system on or off using a normally open circuit. For example in home automation, BMS integration of only On/Off operation, occupancy sensor, key card switch, or lead-lag control of other heating/cooling devices.

**Interface Kit**
UTY-XCBXZ2

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

**Interface Kit**
UTY-TW/BXF1

Required to connect the ASU15RLS2/H+ and ASU9, 12, 15RLS3/H to Wired Remotes UTY-RNUM and UTY-RVNUM, Dry Contact Wire Kit UTY-XWZXZ5, and Simple Remote Control UTY-RSNUM.

**Slim Duct Connector Kit**
UTD-ECSSA

Comes with 5 sets of wires. Can be used to turn unit on/off, wire in float switch, AUX heater, turn on an external device (Fan), or show if the unit is running.

**Outdoor Unit Input/Output Connector**
UTY-XWZXZ3

Gives the ability to limit the noise of the unit*, stop the outdoor unit, limit power consumption*, control the operating mode (Htg/Ctg), or use output status to see if the compressor is running. You will need to order a kit for each option.

*Will reduce capacity.

**Interface Kit Box**
UTZ-GXXB

Used to conceal Interface Kit UTY-XCSXZ1.

**Interface Kit**
UTY-XCSXZ1


^ Wired remotes cannot be used when using this feature. This includes UTY-RNRUZ1, UTY-RVNUM, UTY-RNNU, UTY-RSNUM.

### Fresh Air Intake Kits

**High Humidity Insulation Kit**
UTZ-KXGC

Additional insulation for compact cassette units, which may be needed when they are installed in high humidity areas.

**Air Outlet Shutter Plate**
UTR-YDZB

In a 3-way air flow configuration an Air Outlet Shutter Plate Kit is required to block air flow of 1 louver.

**Fresh Air Intake Kit**
UTZ-VXAA

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**
KHS940-25

Kit contains current sensor with built-in relay (Split Core Fixed Threshold Current Status Sensor with Command Relay) and Switching Power Supply. Duct and Fan are field supply. A fan capable of generating 15 CFM at a static pressure of approximately .26 inches W.C. required.

### Miscellaneous

**3-Pole Single Throw Safety Switch**
K3PST

For use where code requires a disconnect at the indoor unit.

**Condensate Pump**
UTR-DPB24T

OEM design plugs into factory harness for ease of installation. Rated for 11.8’’ of vertical lift. Only used with System 36RSLX.

**18+18 Combo Fittings Kit**
K9FZ1818

(For AOU36RLXFZ1 only)

Allows two 18,000 BTU indoor units to be used. 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”.

**R410A Swivel Adapter**
K9R410A55

In order to minimize incorrect charging of systems with R22 Fujitsu uses a different access port. Contractors will need this 55-degree swivel access fitting.

**Auto Louver Grille Kit**
UTD-GXSA-W (for ARU7/9/12)
UTD-GXSB-W (for ARU18)
UTD-GXSC-W (for ARU24)

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.
### Accessory Compatibility

#### Remote Controls
- **UTY-RNBYU** Wired Remote Control
- **UTY-RNUM** Wired Remote Control
- **UTY-RVNUM** Wired Remote Control (Backlit, shows room temp.)
- **UTY-RSNUM** Simple Remote Control
- **UTY-LNNUM** Wireless Remote Control
- **UTY-DMNUM** Central Remote Control
- **UTY-RNNUZ** Wired Touch Panel Remote Control
- **UTY-XSUX** Remote Sensor
- **UTY-LRHUM** Receiver Unit

#### Wi-Fi Devices
- **FJ-IR-WIFI-1NA** Wi-Fi Device: IR Wireless Module
- **FJ-RC-WIFI-1NA** Wi-Fi Device: Wired Module
- **UTY-WIFI** Wi-Fi Plug

#### Interface Kits
- **UTY-XWZX** Dry Contact Wire Kit
- **FJ-RC-WIFI-1NA** Interface Kit
- **UTY-TBFXF** Interface Kit
- **UTD-ECSSA** Slim Duct Connector Kit
- **UTY-XWZXZ** Outdoor Unit Input/Output Connector
- **UTY-XWZXZ4** Outdoor Unit Base Adapter
- **UTY-XCSZX1** Interface Kit
- **UTZ-GXXB** Interface Kit Box

#### Fresh Air Intake Kits
- **UTZ-KXGC** High Humidity Insulation Kit
- **UTR-YZDB** Air Outlet Shutter Plate
- **UTZ-VXAA** Fresh Air Intake Kit
- **KHRS940-25** Fresh Air Intake

#### Miscellaneous
- **K3PST** 3-Pole Single Throw Safety Switch
- **K9R410A55** R410A Swivel Adapter
- **UTR-DP824T** Condensate Pump
- **K9FZ1818** 18-18 Combo Fittings Kit for AOU4RRLXZ1F
- **UTD-GXSA-W** Auto Louver Grille Kit for ARU9, 12
- **UTD-GXSB-W** Auto Louver Grille Kit for ARU18
- **UTD-GXSC-W** Auto Louver Grille Kit

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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. Wall mounted ASU1SLR2 and ASU9, 12, and 15RLS3/RLS3H require accessory interface kit #UTY-TBFXF1 in order to connect these devices to them.
3. Wall mounted ASU7, 9, and 12RLF1 require accessory interface kit #UTY-XCBLZ2 in order to connect these devices to them.
4. Only multi-zone models greater than specific serial numbers are compatible with UTY-RNUM. See Service Bulletin 0031 for serial number compatibility.
5. Plug model #UTY-WIFI required to connect these devices to them.
6. Wireless Receiver & UTY-LRHUM is required in order to connect this device.
* Requires accessory interface kit #UTY-XCBLZ2 and plug model #UTY-WIFI in order to connect these devices to them.
^ Requires accessory interface kit #UTY-TBFXF1 and plug model #UTY-WIFI in order to connect these devices to them.
### Fujitsu Model Nomenclature

<table>
<thead>
<tr>
<th>Model</th>
<th>18</th>
<th>R</th>
<th>L</th>
<th>X</th>
<th>F</th>
<th>Z</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASU</td>
<td></td>
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<tr>
<td>X = Extended Line Set</td>
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</tr>
<tr>
<td>Universal Mount Ceiling Susp.</td>
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<tr>
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<tr>
<td>Slim Duct</td>
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</tr>
<tr>
<td>L = Inverter</td>
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*1, 2 or 3 at the end of a model number denotes a model revision. Please note models may not be combined with each other.*
Things To Know Before You Buy a Fujitsu System

Complete System Warranty
Standard warranties vary depending on model:
• 2 Year Parts, 6 Year Compressor Warranty OR
• 5 Year Parts, 7 Year Compressor Warranty.

Extended warranties include:
• 10 Year Parts/Compressor Warranty for Halcyon systems that have been installed by a licensed contractor and the online Product Registration* has been submitted.
• 12 Year Parts/Compressor Warranty for Halcyon systems that have been installed by an Elite Contractor and the online Product Registration* has been submitted.

10-Year and 12-Year Warranties exclude: R22 models, IAQ models, ASU30RLX, ABU18RULX, ABU24RULX, ABU36RSLX, AOU18RLCX, AOU24RCLX, AOU36RCLX, AOU42RCLX, 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.

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.

AHRI Energy Guide® Program (U.S.)
To view AHRI numbers or Energy Guide labels, please go to www.ahridirectory.org.

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.

HRAI EnerGuide® Program (Canada)

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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 of the display 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)

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HRAI EnerGuide® Program (Canada)
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 25%
- Central air quotes give you sticker shock
- You don’t want to lose closet space to ductwork
- You have warm or cold spots in your home or business
- Your window air conditioner’s noise prevents you from hearing the television