For over 30 years, we have been making the hottest places cool and the coolest places more comfortable.

Mini-Split Air Conditioners and Heat Pumps

THE POSSIBILITIES ARE INFINITE
WHO IS FUJITSU?

Engineering Excellence
Fujitsu’s innovation drives the success of the Halcyon line. Our manufacturing facilities have met ISO9001 and ISO14001 international standards that assure quality and reliability. These products have been designed to provide zoned comfort for residential and commercial applications. Engineered to install quickly and easily without ductwork, Halcyon systems provide preferred cooling and heating solutions where others cannot.
Global Production
With global sales approaching nearly 3 million units a year, we have produced and shipped air conditioning systems throughout the world to make the hottest places cool and the coolest places more comfortable.

Comfort Today and Tomorrow
Halcyon by Fujitsu is a new way to think about air conditioning. Now you can choose a high performance, permanent and easy-to-install air conditioning system that quietly blends with your environment.
Mounting flush with a suspended ceiling our ceiling cassettes can be recessed above with minimum clearance. When adequate clearance is not available our slender fit feature drops the indoor unit by 1-3/8" with a clean look providing additional clearance above the ceiling making them one of the slimmest cassettes available. Couple that with advanced design features like a built-in condensate pump, knockouts available for field supplied branch ducts and automatic change-over from cooling to heating.

Fujitsu's I.A.Q. Systems provide residential and commercial property owners an innovative solution for clean, temperature-controlled indoor air. The Halcyon IAQ systems deliver powerful heating and cooling, are designed for ease of use and maintenance, and feature an unobtrusive design which can be integrated easily into any décor. The Halcyon IAQ systems filter dust, pollen and odor making them the perfect addition to any home.

Flush Mount - 4 Way Air Flow
Restaurants, Conference Rooms, Computer Rooms

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Fujitsu has an attractive way to accommodate difficult-to-cool areas with a slim universal system that can be suspended from the ceiling, placed low on the wall or rested on the floor. For areas, when floor and wall space is restricted, Fujitsu’s ceiling suspended system 36RSLX (ceiling mount only) can be partially recessed.

Universal and ceiling suspended systems can access “fresh air.”

Fujitsu’s multi-zone IAQ inverter mini-split heat pump systems let installers mix and match evaporators and condensers to create the perfect climate control system for almost any sized space, customizable to the unique capacity requirements of residential and commercial environments. By mixing and matching two condensers and three evaporators, installers create a total of nine different systems, ranging in capacity from 18,000 to 36,000 BTU.

Fujitsu’s inverter-driven systems are up to 110% more efficient than prior models. Increased efficiencies mean lower utility costs.

All systems use environmentally friendly R410A refrigerant designed to prevent the depletion of the ozone layer which protects us from the harmful rays of the sun.

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How Does a Mini-Split Work?

Quiet Operation
Ductless air conditioners are comprised of an indoor and outdoor unit, which allows for a peaceful inside environment by enabling the contractor to install louder components like compressors and motors outdoors.

Easy Installation
Copper tubing running through a small 3 to 4-inch opening in the wall or ceiling easily connects the indoor and outdoor units. Refrigerant is cycled through the lines from the outdoor condensing unit to the indoor unit, where the air is quietly distributed to the interior space.

Energy Efficient
Conventional air duct systems tend to be bulky and can require special structural attention while Halcyon system piping can often be routed through walls and joists to maintain aesthetics.

The Future of Technology

Ductless Mini-Splits
Cool air without ductwork. Since hot air rises and cold air falls by mounting the cooling section compactly on the wall, near the ceiling allows the unit to remove heat more efficiently and deliver cooling directly to the space where you need it. Automatic swing louvers and multiple fan speeds allow you to control the amount and direction of the airflow to maximize comfort.

Central Air Conditioners
Cold air originates many yards from its cooling destination, usually in a basement or a hot attic space. This means cold air, as it travels through ductwork, begins to warm up and can lose up to 40%* of its cooling capacity along the way. This adds up to extra money spent on energy bills cooling spaces you can’t enjoy.

Window Air-Conditioners
Combine a noisy compressor section with the cooling coil and fan. This process transfers noise from the compressor section into the conditioned space. They may seem like a quick fix to the summer heat. But, they take up your window space and they deliver cold air across the middle of the room, where it blows uncomfortably, directly on the room occupants.

The Solution is Clear
- Cool only the areas you want and not the areas where you are not.
- Individual zoning at the push of a button, putting you in total comfort control.
- Less than 5% cooling loss occurs in insulated refrigerant lines versus up to 40%* through ducts.
- Requiring just a 3 to 4” diameter hole in the outside wall means less mess, better home aesthetics, and improved security, unlike a window unit.
- Halcyon models mount high on the wall so they don’t disturb your view.
- Fujitsu units add value to your home and are more efficient than old window units, saving you money.

Installation is as simple as 1, 2, 3...
1. Mount indoor and outdoor units.
2. Connect refrigerant and drain lines.
3. Make electrical connections.

An easy installation for contractors saves end users time and money.

Inverter Technology

What is an Inverter?
An inverter air conditioner is both a converter of AC (alternating current) to DC (direct current) and an inverter changing DC to simulated frequency adaptable AC.

The active filter and bridge rectifier rectifies AC by flattening output to create DC power supply. The IPM (Inverter Power Module) uses electrical components such as transistors and diodes to switch and chop created DC to make simulated AC at required frequency and voltage.

Inverter Mini-Split Benefits
Compared to the common on/off controlled compressor, the inverter controlled compressor runs at the proper revolution to provide the best efficiency and reduce losses. When the maximum capacity is not required, the compressor revolution is decreased. This means the input power decreases too, which results in increased system efficiency. Variable speed inverter driven compressors provide a range of capacity and are listed with minimal, nominal (rated) and maximum capacities.

What is a Heat Pump?
A device that acts as an air conditioner in the summer and as a heater in the winter providing heating and cooling to homes and businesses in one system. Heat pumps function exactly like an air conditioner in the summer absorbing heat from your home or business and moving it outdoors. The cost to cool a space with a heat pump is the same as with an air conditioner with the same efficiency rating. In the winter a heat pump is basically an air conditioner with a valve that allows it to operate in reverse, absorbing heat from the outside air and moving it indoors.

In some climates a heat pump may handle your heating and cooling needs more efficiently than a furnace or air conditioner. This system usually requires some other source of heat to satisfy heating requirements in colder environments. Because 75% of our line is inverter heat pumps they offer wider operating range and up to 30% more heat capacity than a standard heat pump.

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.

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.

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Features At A Glance

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- Available only with optional wired remote controller.
* SEER/HSPF varies based on mix of indoor units selected.
SEER
Seasonal Energy Efficiency Rating. Used to express the efficiency of an AC or Heat Pump. The higher the rating the more efficient.

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

IAQ Plasma Filter
High performance electronic air cleaner removes dust and odor, improving indoor air quality.

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

24 Hour Timer
Four different time ranges can be programmed to provide flexible temperature control to meet your needs throughout the day.

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

Dry Mode
Helps to control humidity levels when cooling may not be needed.

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

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

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

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

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

Auto Changeover
Provides functional change from cooling to heating or vice-versa automatically depending on set temperature. Operating range is ±4°F relative to the set temperature.

Low Ambient
Systems can operate in cooling mode even when outdoor ambient is 0°F, 14°F or 32°F, depending on model, without modification.

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

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

Apple Catechin Filter
Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated by the polyphenol ingredient extracted from apples.

Ion Deodorizing Filter
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultrafine particle ceramic.

Coil Dry Mode
After power is off, an internal drying function starts preventing the growth of mold and bacteria inside the indoor unit.

Wired/Wireless Switching
This switch must be enabled when installing the optional wired remote controller.

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

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

High Ceiling Mode
Temperature at the top of a high ceiling room may be warmer then the space occupied; this mode allows system to adjust for this difference.

Branch Duct Capable
Systems are capable of attaching two field-supplied 4’ branch ducts providing 50% 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.
## Wall Mounted 9,000 and 12,000 BTU Systems

### IAQ ELECTRONIC PLASMA FILTER

**SYSTEMS 9CQ, 9RQ, 12CQ, 12RQ**

| Function | 13 and 14-SEER cooling-only and heat pump systems have over a 30% increase in efficiency over conventional 10-SEER models and feature Indoor Air Quality IAQ Plasma Filter, environmentally friendly R410A refrigerant, quieter operation and increased energy efficiency. |

### Standard Features
- Wireless Remote Control
- Plasma Filter
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Low Ambient
- Cold Prevention

### Optional Remote
- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

### Applications
This category of equipment is ideal for smaller spaces where spot cooling is required. Residential applications including sunrooms and additions are made easier with these 115 volt air conditioners and heat pumps. Do you have a warm spot in your home? Our mini-splits can provide extra cooling capacity for those hard to cool areas. Commercially, their small size makes them ideal for small offices, providing individual temperature control.

---

### Wall Mounted 9,000 and 12,000 BTU Systems

<table>
<thead>
<tr>
<th>Nominal Cooling BTU/h</th>
<th>9,700</th>
<th>12,300</th>
<th>9,700</th>
<th>12,300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Heating BTU/h</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>HSPF BTU/hW</td>
<td></td>
<td></td>
<td>9,600</td>
<td>12,800</td>
</tr>
<tr>
<td>EER Clg/Htg</td>
<td></td>
<td></td>
<td>14.3</td>
<td>13.7</td>
</tr>
<tr>
<td>Clg. Operating Range °F(°C)</td>
<td>32<del>115 (0</del>46)</td>
<td>32<del>115 (0</del>46)</td>
<td>32<del>115 (0</del>46)</td>
<td>32<del>115 (0</del>46)</td>
</tr>
<tr>
<td>Htg. Operating Range °F(°C)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moisture Removal Pt./h/lh</td>
<td>2.1 (1.0)</td>
<td>3.2 (1.5)</td>
<td>2.1 (1.0)</td>
<td>3.2 (1.5)</td>
</tr>
<tr>
<td>Voltage/Frequency/Phase</td>
<td>115/60/1</td>
<td>115/60/1</td>
<td>115/60/1</td>
<td>115/60/1</td>
</tr>
</tbody>
</table>

### Standard Features
- Wireless Remote Control
- Plasma Filter
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Low Ambient
- Cold Prevention

### Optional Remote
- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

### Applications
This category of equipment is ideal for smaller spaces where spot cooling is required. Residential applications including sunrooms and additions are made easier with these 115 volt air conditioners and heat pumps. Do you have a warm spot in your home? Our mini-splits can provide extra cooling capacity for those hard to cool areas. Commercially, their small size makes them ideal for small offices, providing individual temperature control.
### 21-SEER Wall Mounted 9,000 and 12,000 BTU Systems

#### SUPER ENERGY EFFICIENCIES

**SYSTEMS 9RLQ, 12RLQ**

| Function | These systems are true energy misers with a seasonal energy efficiency rating of 21-SEER. These cooling only and heat pump systems are over 110% more efficient than older 10-SEER models. Fujitsu, the industry leader in energy efficient ductless mini-splits, uses variable speed inverter technology to help achieve some of the highest SEER equipment available.

### Standard Features

- **Wireless Remote Control**
- **Plasma Filter**
- **Sleep Timer**
- **24 Hour Timer**
- **Dry Mode**
- **Auto Louver: Up/ Down**
- **Auto Mode**
- **Quiet Mode**
- **Auto Restart/Reset**
- **Auto Changeover**
- **Low Ambient**
- **Cold Prevention**

### Optional Remote

- **Weekly Timer**
- **Full Function Wired Remote**
- **Child Lock Capable**

### Applications

The high efficiency of these systems helps them pay for themselves by slashing electrical costs. Strong, quiet and efficient DC motors are used both indoors and outdoors. High performance fan blades, condensers and evaporators combined with variable speed inverter-driven compressors makes for unmatched performance. Variable speed compressors automatically adjust to fluctuating room capacity requirements.

**Please Note:** Due to the use of inverter, system is now 208-230 single phase.

### 21-SEER

<table>
<thead>
<tr>
<th>9RLQ</th>
<th>12RLQ</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominal Cooling BTU</strong>&lt;br&gt;Heat Pump</td>
<td>9,000</td>
</tr>
<tr>
<td><strong>Min.-Max. Cooling BTU</strong>&lt;br&gt; 9,000~12,000</td>
<td>3,600~14,500</td>
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<tr>
<td><strong>Nominal Heating BTU</strong>&lt;br&gt;Heat Pump</td>
<td>12,000</td>
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<tr>
<td><strong>Min.-Max. Heating BTU</strong>&lt;br&gt; 3,000~18,000</td>
<td>3,100~21,000</td>
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<tr>
<td><strong>HSPF BTU/hW</strong>&lt;br&gt;Super Energy Performance Factor</td>
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<tr>
<td><strong>SEER BTU/hW</strong>&lt;br&gt;Seasonal Energy Efficiency Ratio</td>
<td>21.0</td>
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<tr>
<td><strong>EER Clg/Htg</strong>&lt;br&gt;Efficiency Ratio</td>
<td>13.4/14.5</td>
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<td><strong>Ctg. Operating Range °F(°C)</strong>&lt;br&gt;Cooling</td>
<td>14<del>115 (-10</del>46)</td>
</tr>
<tr>
<td><strong>Htg. Operating Range °F(°C)</strong>&lt;br&gt;Heating</td>
<td>5<del>75 (-15</del>24)</td>
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<tr>
<td><strong>Moisture Removal Pt./h(l/h)</strong>&lt;br&gt;Pounds of Water Removal</td>
<td>2.7 (1.3)</td>
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<tr>
<td><strong>Voltage/Frequency/Phase</strong>&lt;br&gt;Voltage/Frequency/Phase</td>
<td>208-230/60/1 Ph</td>
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<tr>
<td><strong>Recommended Fuse Size (A)</strong>&lt;br&gt;Fuse Size</td>
<td>20</td>
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<tr>
<td><strong>Air Circ. C.F.M. (m³/h): Hi</strong>&lt;br&gt;High</td>
<td>350 (595)</td>
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<tr>
<td><strong>Medium</strong></td>
<td>280 (476)</td>
</tr>
<tr>
<td><strong>Low</strong></td>
<td>224 (381)</td>
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<tr>
<td><strong>Quiet</strong></td>
<td>180 (306)</td>
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<td><strong>Noise Level dBA: Hi</strong>&lt;br&gt;Noise Level</td>
<td>42/42 (Clg/Htg)</td>
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<td><strong>Medium</strong></td>
<td>37/37 (Clg/Htg)</td>
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<tr>
<td><strong>Low</strong></td>
<td>31/30 (Clg/Htg)</td>
</tr>
<tr>
<td><strong>Quiet</strong></td>
<td>22/22 (Clg/Htg)</td>
</tr>
<tr>
<td><strong>Outdoor Fan Speed RPM Clg/Htg</strong>&lt;br&gt;Fan Speed</td>
<td>760/680</td>
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<tr>
<td><strong>Outdoor Noise Level dBA</strong>&lt;br&gt;Noise Level</td>
<td>47/48 (Clg/Htg)</td>
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<tr>
<td><strong>Current RatedMax (A): Cooling</strong>&lt;br&gt;Current</td>
<td>3.2/6.0</td>
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<tr>
<td><strong>Heating</strong></td>
<td>3.9/8.5</td>
</tr>
<tr>
<td><strong>Power Use RatedMax (kw): Cooling</strong>&lt;br&gt;Power Use</td>
<td>0.67/1.2</td>
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<tr>
<td><strong>Heating</strong></td>
<td>0.83/1.8</td>
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<tr>
<td><strong>Fan Speeds Stage</strong>&lt;br&gt;Stage</td>
<td>4 + Auto</td>
</tr>
<tr>
<td><strong>Air Direction: Horizontal</strong>&lt;br&gt;Air Direction</td>
<td>Manual</td>
</tr>
<tr>
<td><strong>Vertical</strong></td>
<td>Automatic</td>
</tr>
<tr>
<td><strong>Air Filter</strong>&lt;br&gt;Air Filter</td>
<td>Washable</td>
</tr>
<tr>
<td><strong>Plasma Filter</strong>&lt;br&gt;Filter</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Connection Method</strong>&lt;br&gt;Connection Method</td>
<td>Flare</td>
</tr>
<tr>
<td><strong>Combined Max. Lgth Ft (m):</strong>&lt;br&gt;Combined Length</td>
<td>66 (20)</td>
</tr>
<tr>
<td><strong>Max. Vertical Diff. Ft (m):</strong>&lt;br&gt;Maximum Vertical Difference</td>
<td>49 (15)</td>
</tr>
<tr>
<td><strong>Conn. Pipe Diameter Inch</strong>&lt;br&gt;Pipe Diameter</td>
<td>31/8 (79)</td>
</tr>
<tr>
<td><strong>Net Weight lbs. (kg)</strong>&lt;br&gt;Net Weight</td>
<td>21 (9.5)</td>
</tr>
<tr>
<td><strong>Dimensions: Height Inch</strong>&lt;br&gt;Height</td>
<td>11-1/8 (283)</td>
</tr>
<tr>
<td><strong>Width Inch</strong>&lt;br&gt;Width</td>
<td>31-1/8 (790)</td>
</tr>
<tr>
<td><strong>Depth Inch</strong>&lt;br&gt;Depth</td>
<td>9-1/16 (230)</td>
</tr>
<tr>
<td><strong>Refrigerant</strong>&lt;br&gt;Refrigerant</td>
<td>R410A</td>
</tr>
</tbody>
</table>

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

**Please Note:** Due to the use of inverter, system is now 208-230 single phase.
Wall Mounted 18,000 BTU Systems

ENGINEERING SOPHISTICATION
SYSTEMS 18CL, 18RL

Nominal Cooling BTU/h
18CL 18,000
18RL 18,000
Min.-Max. Cooling BTU/h
18CL 5,500-19,000
18RL 5,500-19,000
Nominal Heating BTU/h
18CL 21,600
18RL 21,600
Min.-Max. Heating BTU/h
18CL 4,600-29,000
18RL 4,600-29,000
HSPF BTU/hW
18CL 19.0
18RL 19.0
SEER BTU/hW
18CL 10.4
18RL 10.4
EER Clg/Htg
18CL 1.7
18RL 1.7
Cig. Operating Range °F(°C)
18CL 14-115 (-10-46)
18RL 14-115 (-10-46)
Htg. Operating Range °F(°C)
18CL 5-75 (-15-24)
18RL 5-75 (-15-24)
Moisture Removal Plt./l(h)
18CL 5.9 (2.8)
18RL 5.9 (2.8)
Recommended Fuse Size (A)
18CL 20
18RL 20
Voltage/Frequency/Phase
18CL 208-230/60/1
18RL 208-230/60/1
Air Circ. C.F.M. (m³/h)
18CL 412 (700)
18RL 412 (700)
Medium
18CL 342 (581)
18RL 342 (581)
Low
18CL 271 (460)
18RL 271 (460)
Quiet
18CL 218 (370)
18RL 218 (370)
Noise Level dB(A)
18CL 44
18RL 44/37 (Clg/Htg)
Medium
18CL 38
18RL 38/37 (Clg/Htg)
Low
18CL 32
18RL 32/32 (Clg/Htg)
Quiet
18CL 25
18RL 25/27 (Clg/Htg)
Outdoor Fan Speed RPMClg/Htg
18CL 860
18RL 860/820
Outdoor Noise Level dB(A)
18CL 50
18RL 50/51 (Clg/Htg)
Current RatedMax (A): Cooling
18CL 7.7/9.0
18RL 7.7/9.0
Heating
18CL 8.6/13.5
18RL 8.6/13.5
Power Use RatedMax (kw): Cooling
18CL 1.73/2.0
18RL 1.73/2.0
Heating
18CL 1.93/2.9
18RL 1.93/2.9
Fan Speeds Stage
18CL 4 + Auto
18RL 4 + Auto
Air Direction: Horizontal
18CL Manual
18RL Manual
Vertical Automatic
18CL Automatic
18RL Automatic
Air Filter Washable
18CL Washable
18RL Washable
Plasma Filter No
18CL No
18RL No
Connection Method Flare
18CL Flare
18RL Flare
Combined Max. Lgh Ft (m)
18CL 66 (20)
18RL 66 (20)
Max. Vertical Diff. Ft (m)
18CL 49 (15)
18RL 49 (15)
Conn. Pipe Diameter Inch
18CL Suc. 1/2
18RL Suc. 1/2
Dis. 1/4
18CL Dis. 1/4
18RL Dis. 1/4
Net Weight lbs. (kg)
18CL 20 (9)
18RL 20 (9)
Dimensions: Height Inch
18CL 10-13/16
18RL 10-13/16
mm
18CL 275
18RL 275
Width Inch
18CL 31-1/8
18RL 31-1/8
mm
18CL 790
18RL 790
Depth Inch
18CL 8-7/16
18RL 8-7/16
mm
18CL 215
18RL 215
Refrigerant R410A
18CL
18RL

Note: Figures are based on 230 Volts.

Function
19-SEER cooling-only and heat pump systems provide almost a 90% increase in efficiency over conventional 10-SEER models and feature ultra compact size, R410A refrigerant, quieter operation and increased energy efficiency. Indoor units are over 30% smaller than competing units, making them easier to install in more locations.

Standard Features
- Wireless Remote Control
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention
- Apple Catechin Filter
- Ion Deodorizing Filter
- Coil Dry Mode

Optional Remote
- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

Applications
Clean, aesthetic design, small but mighty indoor units are 18-24" shorter in length than competing units, helping them blend into any room. Ideal for spaces requiring additional capacity but are limited on space. The flexibility of the variable speed compressor helps system adapt to shifts in heat load by additional guests or afternoon sun. This heat pump provides 17% additional available heat when compared to conventional models.
Wall Mounted 24, 30, and 36,000 BTU Systems

### Nominal Cooling BTU/h
- **24CL**
  - Cooling Only: 24,200
  - Heat Pump: 24,200
- **24RL**
  - Cooling Only: 30,700
  - Cooling Only: 33,100
- **30CLX**
  - Cooling Only: 30,700
- **36CLX**
  - Cooling Only: 33,100

### Nominal Heating BTU/h
- **24CL**
  - -
  - 27,600
- **24RL**
  - -
  - 4,100~36,200
- **30CLX**
  - -
  - 10.0
- **36CLX**
  - -
  - 10.0

### SEER BTU/W
- **24CL**
  - -
  - 18.0
- **24RL**
  - -
  - 18.0
- **30CLX**
  - -
  - 15.0
- **36CLX**
  - -
  - 15.0

### EER Clg/Htg
- **24CL**
  - -
  - 10.5
- **24RL**
  - -
  - 10.5
- **30CLX**
  - -
  - 8.2
- **36CLX**
  - -
  - 8.2

### Clg. Operating Range °F(°C)
- **24CL**
  - 14-115 (-10-46)
- **24RL**
  - 14-115 (-10-46)
- **30CLX**
  - 14-115 (-10-46)
- **36CLX**
  - 14-115 (-10-46)

### Htg. Operating Range °F(°C)
- **24CL**
  - 5~75 (-15-24)
- **24RL**
  - 5~75 (-15-24)
- **30CLX**
  - 5~75 (-15-24)
- **36CLX**
  - 5~75 (-15-24)

### Moisture Removal Pt./h(l/h)
- **24CL**
  - 5.3 (2.5)
- **24RL**
  - 5.3 (2.5)
- **30CLX**
  - 9.7 (4.6)
- **36CLX**
  - 10.1 (4.8)

### Voltage/Frequency/Phase
- **24CL**
  - 208-230/60/1
- **24RL**
  - 208-230/60/1
- **30CLX**
  - 208-230/60/1
- **36CLX**
  - 208-230/60/1

### Recommended Fuse Size (A)
- **24CL**
  - 25
- **24RL**
  - 25
- **30CLX**
  - 30
- **36CLX**
  - 30

### Air Circ. C.F.M. (m³/h)
- **24CL**
  - Low: 436 (740)
  - Medium: 530 (900)
  - Quiet: 365 (620)
- **24RL**
  - Low: 36 (740)
  - Medium: 36 (900)
  - Quiet: 36 (620)
- **30CLX**
  - Low: 36 (740)
  - Medium: 36 (900)
  - Quiet: 36 (620)
- **36CLX**
  - Low: 36 (740)
  - Medium: 36 (900)
  - Quiet: 36 (620)

### Outdoor Fan Speed RPM Clg/Htg
- **24CL**
  - 1,000
- **24RL**
  - 1,000
- **30CLX**
  - 1,000
- **36CLX**
  - 1,000

### Outdoor Noise Level dB(A)
- **24CL**
  - 530 (900)
- **24RL**
  - 530 (900)
- **30CLX**
  - 530 (900)
- **36CLX**
  - 530 (900)

### Current Rated/Max (A)
- **24CL**
  - Heating: 10.1/12.0
  - Cooling: 10.1/12.0
- **24RL**
  - Heating: 15.2/18.0
  - Cooling: 15.2/18.0
- **30CLX**
  - Heating: 164 (50)
  - Cooling: 164 (50)
- **36CLX**
  - Heating: 164 (50)
  - Cooling: 164 (50)

### Power Use Rated/Max (kw)
- **24CL**
  - Heating: 2.3/2.6
  - Cooling: 2.3/2.6
- **24RL**
  - Heating: 3.5/4.1
  - Cooling: 3.5/4.1
- **30CLX**
  - Heating: 4 + Auto
  - Cooling: 4 + Auto
- **36CLX**
  - Heating: 4 + Auto
  - Cooling: 4 + Auto

### Air Filter
- **24CL**
  - Washable
- **24RL**
  - Washable
- **30CLX**
  - Washable
- **36CLX**
  - Washable

### Plasma Filter
- **24CL**
  - No
- **24RL**
  - No
- **30CLX**
  - No
- **36CLX**
  - No

### Connection Method
- **24CL**
  - Flare
  - Flare
  - Flare
- **24RL**
  - Flare
  - Flare
  - Flare
- **30CLX**
  - Flare
  - Flare
  - Flare
- **36CLX**
  - Flare
  - Flare
  - Flare

### Refrigerant
- **24CL**
  - R410A
- **24RL**
  - R410A
- **30CLX**
  - R410A
- **36CLX**
  - R410A

### Applications
- The flexibility of the variable speed compressor helps system adapt to shifts in heat load by occupants or fluctuating heat generated by computers. This heat pump provides 13% additional available heat when compared to conventional models.

### Standard Features
- Wireless Remote Control
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: 4 Way
- Auto Mode
- Quiet Mode
- Power Diffuser
- Auto Restart/Reset
- Low Ambient
- Cold Prevention
- Apple Catechin Filter
- Ion Deodorizing Filter
- Coil Dry Mode*
- Pump Down Operation**
- Auto Changeover

### Optional Remote
- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

### Note
- Figures are based on 230 Volts.

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* Only available on System 24RL.
**Contractor feature only. Only available on Systems 30CLX and 36CLX.
Wall Mounted Mix & Match Multi-Zone Systems
DUAL, TRI AND QUAD ZONE SYSTEMS

**Function**
Up to 16.5-SEER in efficiency cooling-only and heat pump systems have up to a 65% increase in efficiency over conventional 10-SEER models and feature Indoor Air Quality (IAQ) Plasma Filters, R410A refrigerant, quieter operation and increased energy efficiency and up to four zones cooled or heated by one outdoor unit.

**Standard Features**
- Wireless Remote Control
- Plasma Filter
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention
- Coil Dry Mode
- Pump Down Operation

**Optional Remote**
- Full Function Wired Remote
- Remote Controller Sensor
- Child Lock Capable

**Applications**
Contractors can select either a 24 or 36,000 BTU outdoor units combined with 9,000, 12,000 or 18,000 BTU indoor units to create 9 different systems with up to 18 different applications considering cooling and heating. This selection flexibility helps to assure the proper selection of equipment to achieve maximum results. They are ideal for nursing homes; doctor’s offices; condominiums, apartments and residences - any place where individual cooling or heating and improved air quality is needed.

* Dual zone systems 16.5 SEER and Tri/Quad zone systems 15.0 SEER
<table>
<thead>
<tr>
<th>Model</th>
<th>Dual Zones Heat Pump (BTU/hr)</th>
<th>HSPF</th>
<th>Inverter Capacity (BTU/h)</th>
<th>Recommended Fuse Size (A)</th>
<th>Outdoor Fan Speed (RPM)</th>
<th>Outdoor Noise Level (dBA)</th>
<th>Current (A)</th>
<th>Voltage/Frequency/Phase</th>
<th>Recommended Fuse Size (A)</th>
<th>Outdoor Noise Level (dBA)</th>
<th>Fan Speeds Stage</th>
<th>Air Direction: Horizontal</th>
<th>Air Filter</th>
<th>Plasma Filter</th>
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<tbody>
<tr>
<td>18RMLQ</td>
<td>12.0/25.4/29.3</td>
<td>11.2/12.3</td>
<td>10.4/11.0</td>
<td>9.0/11.0</td>
<td>280/365</td>
<td>60</td>
<td>25</td>
<td>25</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>-</td>
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<tr>
<td>21RMLQ</td>
<td>14.4/26.0/29.3</td>
<td>12.0/12.8</td>
<td>11.0/11.4</td>
<td>9.0/11.0</td>
<td>365</td>
<td>60</td>
<td>25</td>
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<td>30</td>
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<td>30</td>
<td>30</td>
<td>-</td>
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<tr>
<td>24RMLQ</td>
<td>16.4/28.0/31.3</td>
<td>11.2/12.3</td>
<td>10.4/11.0</td>
<td>9.0/11.0</td>
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<td>-</td>
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<td>27RMLQ</td>
<td>18.4/30.0/33.0</td>
<td>11.2/12.3</td>
<td>10.4/11.0</td>
<td>9.0/11.0</td>
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<td>30</td>
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<td>-</td>
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<tr>
<td>30RMLQ</td>
<td>20.4/31.5/34.5</td>
<td>11.2/12.3</td>
<td>10.4/11.0</td>
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<td>-</td>
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<tr>
<td>33RMLQ</td>
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Note: Figures are based on 230 Volts.
Ceiling Cassette Systems
SUPER ENERGY EFFICIENCIES
SYSTEMS 18RCLX, 24RCLX, 36RCLX, 42RCLX

Function
Up to 16-SEER, these models provide up to 60% increase in efficiency over 10-SEER models. These models offer the ability to send up to 50% 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
- Child Lock Capable
- Controls Up To 16 Systems
- Low Ambient
- Cold Prevention
- Slender Fit
- Remote Controller Sensor
- Pump Down Operation
- High Ceiling Mode
- Branch Duct Capable
- Full Function Wired Remote

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.

Wired Controller
- 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

Slender Fit
Cassette body can be moved downward into the room 1-3/8” to accommodate limited ceiling space.
Fujitsu provides knock-outs on all ceiling cassettes where contractors can:

- Install one or two optional field supplied 4" branch ducts to supply 25% or 50% of the cooling or heating capacity respectfully to an adjoining space up to 16 feet away.

Note: Figures are based on 230 Volts.
Ceiling and Universal Mounted Systems

SYSTEM VERSATILITY
SYSTEMS 18RULX, 24RULX, 36RSLX

Function
Up to 16-SEER, these models can provide up to 60% increase in efficiency over 10-SEER models. The 18RULX and the 24RULX are universal mount. They can mount low on the floor or low on the wall; mount high enough for a vacuum to get under them, 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
- 24 Hour Timer
- Dry Mode
- Auto Louver: 4 Way
- Auto Mode
- Energy Saver
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention
- Pump Down Operation
- Fresh Air Intake*

Optional Remote
- Full Function Wired Remote
- Weekly Timer
- Remote Controller Sensor
- Child Lock Capable
- Controls Up To 16 Systems

Applications
The universal mount 18RULX and 24RULX are ideal for house of worship to mount beneath stained glass windows. Lower in height that 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.

Note: Figures are based on 230 Volts.
**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 owner's operation manual provides important safety instructions and warnings which should be followed closely. For any questions or concerns, please contact Fujitsu General America, Inc.

**Heat Pump Disclaimer**

In some climates a heat pump will handle all of your heating needs. However, this system usually requires some other primary source of heat to satisfy heating requirements in colder 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.

**Accessories and Recommendations**

**Replacement Air Filter:**
- 9CQ, 12CQ, 9RQ, 12RQ, 9RLQ, 12RLQ, and all Multi-Zone Systems - 6 to 8 year life expectancy plasma filter: CartridgeFilter Media
- 18RL, 24CL, 24RL, 30CLX, 36CLX - 3 to 12 month life expectancy, depending on room conditions and usage: Apple Catechin Filter Ion Deodorizing Filter

**Condensate Pumps:** Fujitsu condensate pump is available for System 36RSLX. Part Number UTR-DPB241. All other models can be fitted with a Micro-pump, field supplied.

**Low Ambient Operation:** Systems 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.

For more information, contact your local representative or distributor; or contact Fujitsu General America, Inc.

**ISO Certification**

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.

- ISO9001
- ISO14001

**Trademarks**

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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.

**Complete System Warranty**

2 Year - Parts
6 Years - Compressor

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)

**Fujitsu Model Nomenclature**

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<tr>
<th>Model</th>
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<tr>
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<td>Wall Mount</td>
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<tr>
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<td>Universal Mount Ceiling Suspended</td>
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<td>AUU</td>
<td>Cassette Mount</td>
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<td>AOU</td>
<td>Outdoor Unit</td>
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Fujitsu General America, Inc.

ISO9001
ISO14001
For over 30 years, making the hottest places cool and the coolest places more comfortable.