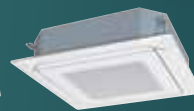


AIRSTAGE

FUJITSU

AIRSTAGE H-Series Mini-Split Heating and Cooling Systems for Residential and Light Commercial Applications



FUJITSU GENERAL AMERICA, INC

A modern outdoor living space with a white sofa, a wooden dining table, and a fireplace, featuring a large green text overlay.

Quietly revolutionizing
energy-efficient home
comfort.



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Fujitsu AIRSTAGE H-Series Mini-Splits: Year-Round, Whole-Home or Business Energy Efficient Heating and Cooling

What is a Mini-Split?

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

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

How Does a Mini-Split Work?

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



WALL MOUNT UNIT

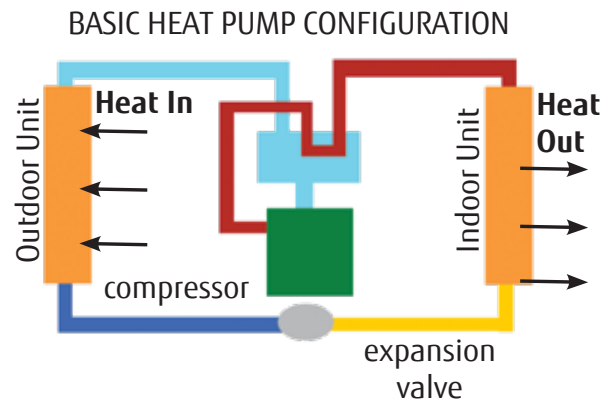


HORIZONTAL DUCTED UNIT



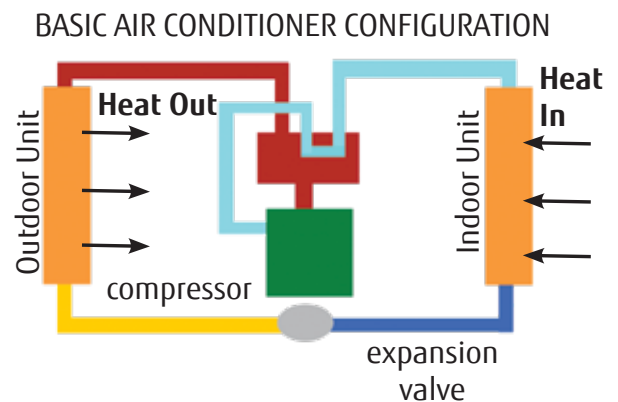
Heat Pumps Provide Heat When it is Cold

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

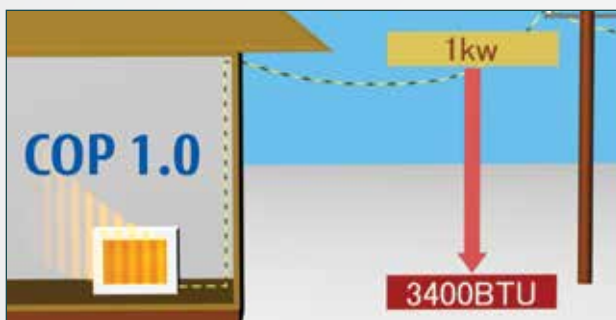


Air Conditioners Provide Cooling When It's Warm

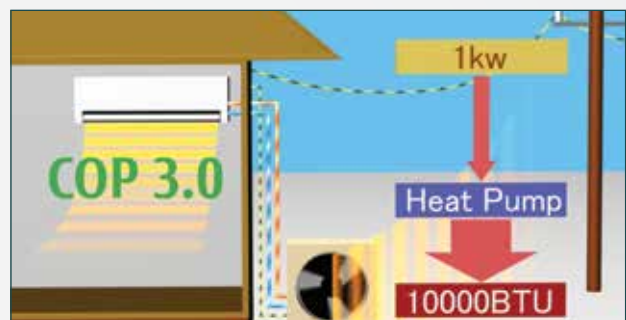
Come spring and summer, simply reverse the process and put the same system into "cooling mode" and transfer heat from indoors to the outside. For many climates, the advanced technology that goes into these units creates a far more cost effective alternative to either gas or oil-fired units for heat,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



Electric Heaters vs. Heat Pumps



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



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

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

Individual Zoning: Personalized Whole-Home Comfort

Multi-Zone Mini Split Systems

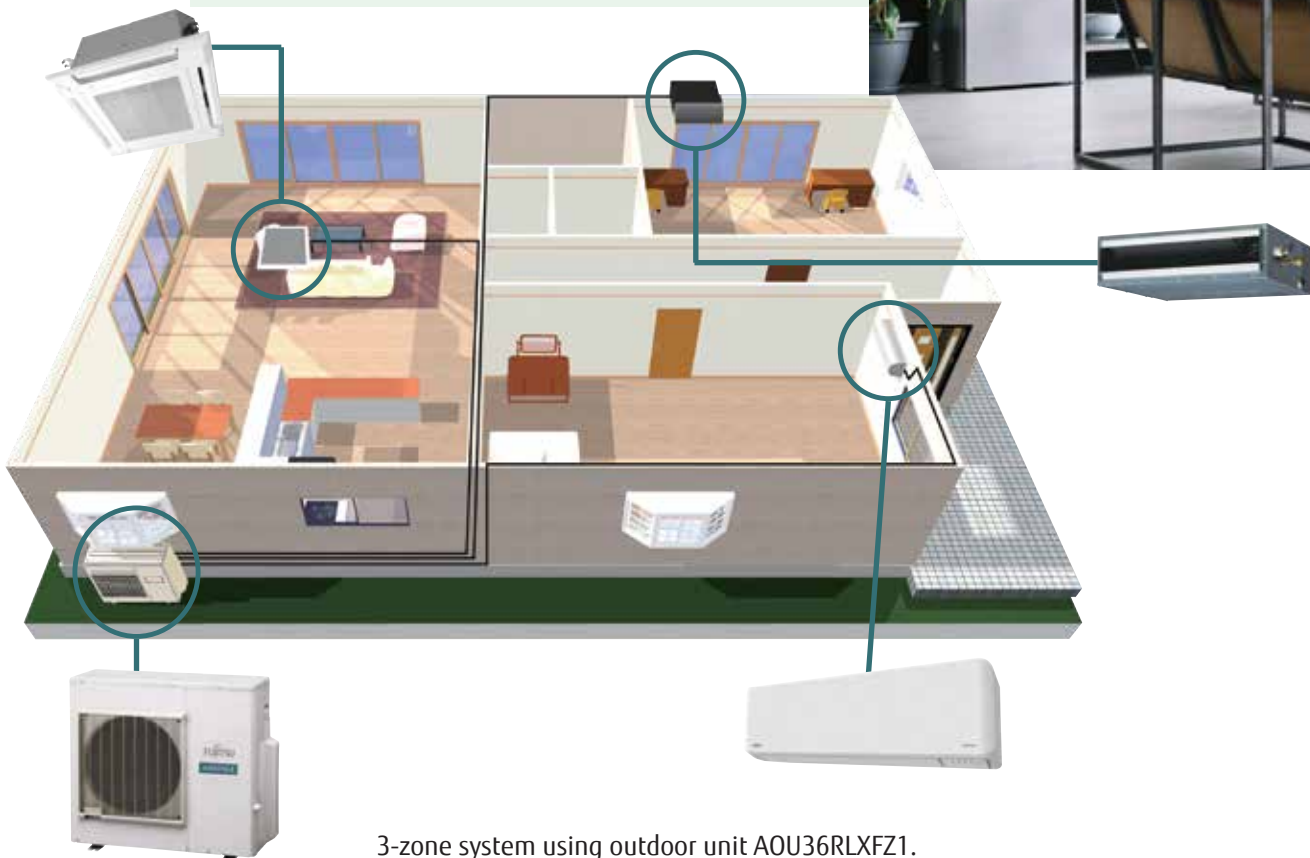
AIRSTAGE H-Series Systems are some of today's most advanced forms of heating and air conditioning. One outdoor unit can operate up to 5 indoor units simultaneously. Fujitsu's systems are super quiet as well as highly energy efficient.

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

Wall Mounted

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

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



3-zone system using outdoor unit AOU36RLXFZ1.



Slim Duct

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

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

Floor Mounted

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

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



Compact Cassette

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

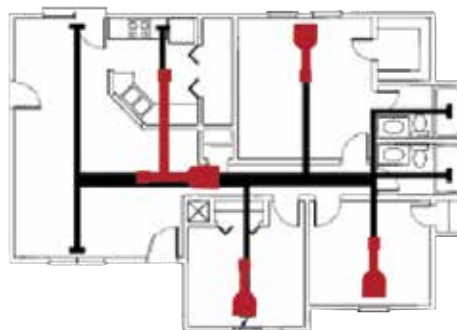
- Wired or wireless remote control options
- Powerful turbo fan operation
- Fits into a standard 2' x 2' ceiling grid

A Solution for All of Your Comfort Needs

Ductless Technology

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

Central Air System versus Fujitsu AIRSTAGE Quad-Zone



Thick black lines represent ducts of a central air system.

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



Whole Home or Business Comfort

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

A Year Round Solution

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



Other Applications

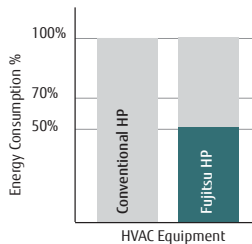
The 30RLXEH is specially engineered for spaces which require constant cool temperatures year round, and/or rooms that hold a large number of people (meeting spaces, classrooms, conference rooms).



Energy Efficient: The Smart Choice in Comfort

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

Where Does My Money Go?



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

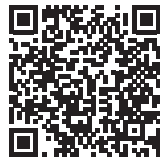
*Savings may vary based on model selected, hours of operation and geographical location. Example given based on 33-SEER2 system versus 14-SEER2 system.

Rebates

To encourage customers to buy energy efficient products, many local utility companies offer significant rebates for the purchase of a ductless mini-split system. Go to Fujitsu's web site to search for local rebates and consumer loans. We provide a listing of rebates and offerings on qualifying Fujitsu AIRSTAGE mini-splits by zip code as well as a listing of products that qualify for the Inflation Reduction Act (IRA) tax credits.



Rebates By Zip Code



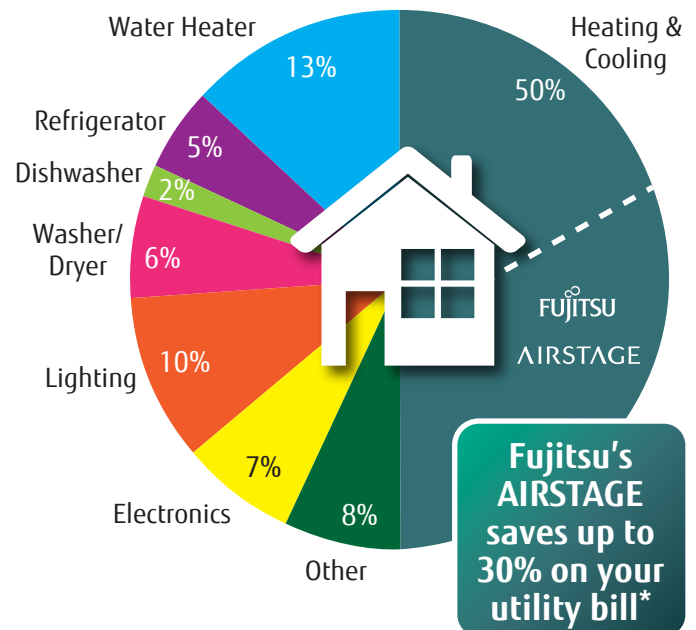
Inflation Reduction Act (IRA)

ENERGY STAR® Qualified Systems

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

energystar.gov/products/air_source_heat_pumps

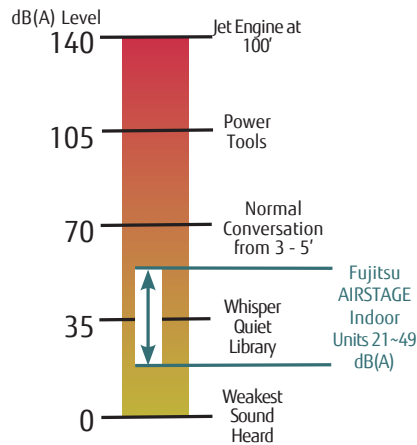
Fujitsu AIRSTAGE has many systems that meet ENERGY STAR, ENERGY STAR Cold Climate and ENERGY STAR Most Efficient ratings in 2023. See product pages for full details on ENERGY STAR® qualified systems.



Comfort and Convenience

Flexible and Quiet

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

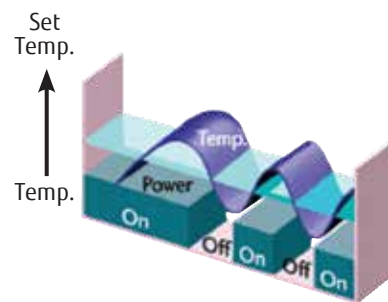


Constant Comfort through Inverter Technology

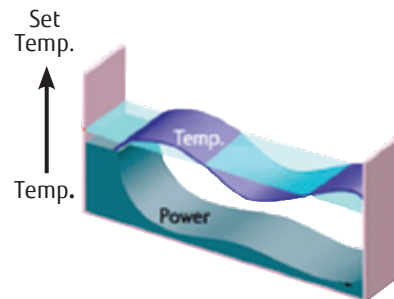
Inverter technology is like cruise control for your heating or cooling system. Compressors only run as fast as they need to handle the cooling or heating demand. They can handle greater extremes in temperature, are smoother and more stable in operation, and precisely maintain the desired temperature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

Inverter Benefits

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



Conventional System



Inverter System

User Friendly Control

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



Standard Wireless Remote for select systems



Optional Wired Remote UTY-RNRUZ Series



Optional Kagami (Mirror) Wired Remote UTY-RVRU



Applications



Where can mini-splits be used?

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

Just about any
place that
requires
comfort!



AIRSTAGE Mobile Wireless LAN Adapter



UTY-TFSXH4
(Wall Mount Indoor Unit / USB Type)



UTY-TFSXJ4
(Non-Wall Mount Indoor Unit / UART Type)

Control, simplified

Clean interface enables effortless system management.



Home screen



Mode change



Fan speed change



Weekly timer



Features

- Control of your compatible AIRSTAGE system from a smartphone app (iOS or Android)
- The Fujitsu system and the app can also be connected for direct control without a wireless access point
- Control and monitoring of commonly used functions: On/ Off, Mode, Airflow Speed and Direction, and Scheduling
- Outdoor and Room Temperature display
- Group functions for monitoring and on/off control of the group
- User access levels
- Error handling and history
- Specialty functions, if available on your system, include: Economy, Energy Saving Fan, Occupancy, Powerful, and Outdoor Unit Low Noise
- Over-the-air updates

Compatible Indoor Units

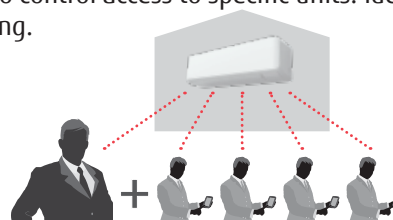
UTY-TFSXH4: ASUG**LZBS, ASUH**LMAS, ASUH**LPAS

UTY-TFSXJ4: ACUH**LUAS1, ADUH**LUAS1, AMUG**LMAS, ARU**RGLX, ARUH**LUAS, ASU30RLE, AUU**RGLX, AUUH**LUAS, ABUH**LUAS

Centralized operation for flexible remote management of all Indoor Units

AIRSTAGE Mobile is ideal for a wide range of applications, from residential to commercial spaces such as offices and retail applications.

Anyone who has a smartphone and an adapter can easily install the system. Multiple user accounts allow the main user to control access to specific units. Ideal for multi-family housing.



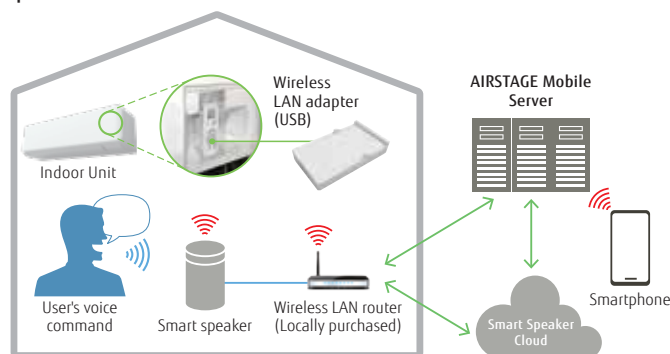
Maximum
5
accounts
per
1 indoor unit

With Group control, multiple indoor units can be combined into a single group for centralized operation. Several groups can also be organized at once.

Grouping the units by building, floor, or room makes it easy for users to monitor their operation status and operate them quickly.

Voice Activated Control (Alexa/Google Home)

Connecting with a smart speaker allows voice activation so the user can operate the system and check its status with simple voice commands.



Fujitsu AIRSTAGE H-Series Wi-Fi Selection Guide

AIRSTAGE Mobile App		Wi-Fi Connectable Units & Modules			Intesis AC Cloud Control	
						
Wi-Fi Interface Module		IR Wireless Module	Wired Module	Wired Module		
UTY-TFSXH4	UTY-TFSXJ4	FJ-IR-WIFI-1NA (Add-on)	FJ-RC-WIFI-1BT (Add-on)	FJ-AC-WIFI-1 (Add-on)		
Which App Does It Use?						
AIRSTAGE Mobile App		Intesis AC Cloud Control				
AIRSTAGE® App Features:		Intesis AC Cloud Control® APP FEATURES:				
• On/Off		• On/Off		• Louver/Swing Position		
• Change Mode		• Change Mode		• Weekly Timer		
• Change Temp Setpoint		• Change Temp Setpoint		• Alarm Notifications		
• Fan Speed		• Fan Speed		• Voice Control / IFTTT		
• Room & Outdoor Air Temp Display				• Room Temperature		
• Voice Control from Amazon Alexa or Google Home				• Can be used in conjunction with Wired Controls		
App available on iOS and Android.		App available on iOS and Android. Can also be run through a web browser.				
Where Does It Mount?						
Mounts inside unit case		On the wall next to IDU		Up to 20' away from IDU		On the wall next to IDU
Compatible Units:						
WALL MOUNTS:		WALL MOUNTS:		WALL MOUNTS:		WALL MOUNTS:
ASUG 09 / 12 / 15 LZBS		ASU30RLE		ASU 18 / 24 RLF ¹		ASUG 09 / 12 / 15 LZBS
ASUH 09 / 12 / 18 / 24 LMAS		CASSETTES:		FLOOR MOUNTS:		ASUH 09 / 12 / 18 / 24 LMAS
ASUH 07 / 09 / 12 / 15 / 18 / 24 / 30 / 36 LPAS		ACUH 07 / 09 / 12 / 18 LUAS1		AGU 9 / 12 / 15 RLF ¹		ASUH 07 / 09 / 12 / 15 / 18 / 24 / 30 / 36 LPAS
		AUUH 18 / 24 / 30 / 36 LUAS				ASU30RLE
		AUU 42 / 48 RGLX				CASSETTES:
		DUCTED:				ACUH 07 / 09 / 12 / 18 LUAS1
		ADUH 07 / 09 / 12 / 18 / 24 LUAS1				AUUH 18 / 24 / 30 / 36 LUAS
		ARUH 12 / 18 / 24 / 30 / 36 LUAS				AUU 42 / 48 RGLX
		ARU 42 / 48 RGLX				DUCTED:
		AMUG 24 / 30 / 36 / 48 LMAS				ARU 42 / 48 RGLX
		CEILING:				ARUH 12 / 18 / 24 / 30 / 36 LUAS
		ABUH 18 / 24 / 30 / 36 LUAS				ADUH 07 / 09 / 12 / 18 / 24 LUAS1
						AMUG 24 / 30 / 36 / 48 LMAS

1: Requires UTY-WIFI
2: Requires UTY-LBTUC
3: Requires UTY-LBTUM
4: Requires UTY-LBTUH

- 1: Requires UTY-WIFI
2: Requires UTY-LBTUC
3: Requires UTY-LBTUM
4: Requires UTY-LBTUH

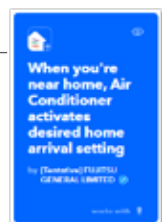
Voice control for your Fujitsu AIRSTAGE H-Series system using Amazon Echo or Google Home

All Fujitsu AIRSTAGE H-Series systems can be voice controlled with Amazon Echo or Google Home speakers.



IFTTT (If This Then That)

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



Extra Low Temperature Heating - XLTH

NOT ALL HEATING SYSTEMS ARE CREATED EQUAL

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

Protection from Winter's Coldest Temperatures

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

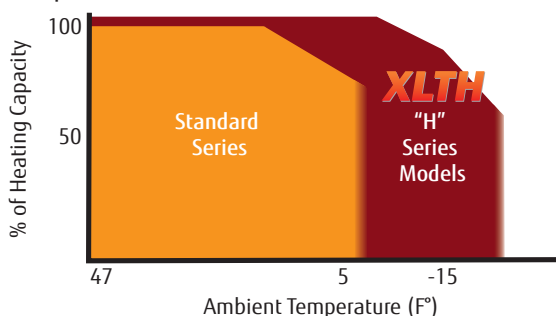
Fujitsu's line of mini-split heat pumps are available in different sizes, styles, and rated outdoor temperatures. The Extra Low Temperature Heating (**XLTH**) Series features outdoor condensing units engineered to operate in temperatures down to -15°F.



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

Improved Heating Capacity

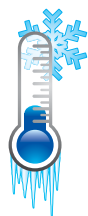
Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor.



AIRSTAGE **H**-Series **XLTH**

High Performance Heating

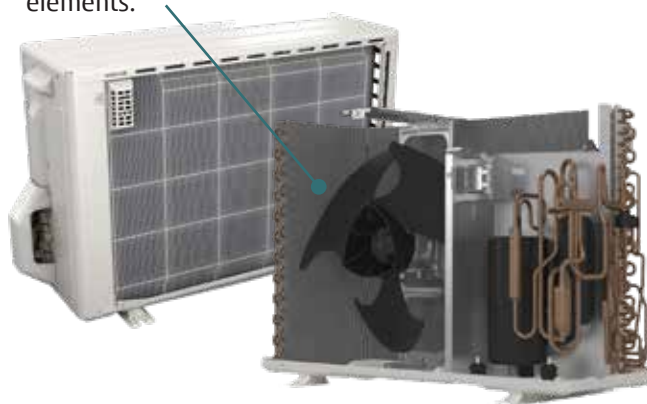
Fujitsu AIRSTAGE XLTH units feature a high efficiency, multi-layer heat exchanger and high capacity compressor. This gives our XLTH heat pumps the ability to extract heat even at very low outdoor temperatures. All XLTH models offer superior heating performance down to -15°F outdoor temperatures.



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

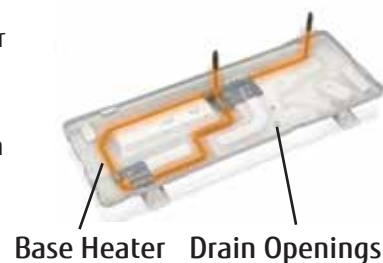
Metal Fan Guard

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



Base Pan Heater

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



Feature Explanation

Energy saving

SEER/SEER2

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

HSPF/HSPF2

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



Economy Mode

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



Energy Saver

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



Energy Saving Program (ESP)

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



ENERGY STAR® Qualified

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



Minimum Heat Mode

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

Comfort



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

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



Auto Fan Mode

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



Auto Louver: 4-Way

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



Auto Louver: Up/Down

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



Auto Restart

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



Dry Mode

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



Fresh Air Intake

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



Outdoor Unit Low Noise+

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



Powerful Operation

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



Quiet Mode (Indoor Unit)

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

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

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



Standard Warranty

Fujitsu systems come standard with a 7 Year Compressor / 5 Year Parts warranty.



Extended Warranty

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

Convenience



24 Hour Timer

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



Sleep Timer

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



Weekly Timer

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

Performance



Apple Catechin Filter (polyphenol ingredient from apples)

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



Cold Air Prevention

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



Expanded Heating Performance

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



High Ceiling Mode

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



Ion Deodorizing Filter

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



Pump Down Operation

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



Remote Temperature Sensor

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



Third Party Device Control

Interlock system with 3rd party device such as humidifier, exhaust fan, door switch...etc.



0°F Low Ambient Cooling

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



-5°F Low Ambient Cooling

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

Installation



Base Pan Heater

Prevents condensate from freezing on the outdoor unit.



Blue Fin Coating

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



Hydro Fin Coating

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



Branch Duct Capable

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



Built-In Condensate Pump

Integrated into the indoor unit.



Daisy Chain

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



Long Piping Length

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



Slender Fit

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

System Feature Summary

Economy Mode		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Energy Saving Pgm (ESP)					●					●	●							●																
ENERGY STAR® Qualified			●	●	●	●			●		●	●			●	●			●	●	●				●	●	●	●	●	●	●	●		
Minimum Heat Mode			●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	❖	❖	❖					
Auto Changeover		●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Auto Fan Mode		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Auto Louver: 4 Way						●				●	●				●				●	●														
Auto Louver: Up/ Down		●	●	●	●	●			●	●	●	●	●	●	●			●	●			●	●		●	●	●	●	●	●	●	●		
Auto Restart		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Dry Mode		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Fresh Air Intake																											◆	◆	◆					
Outdoor Unit Low Noise						●				●	●								●															
Powerful Operation		●	●	●	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Quiet Mode (Indoor Unit)		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
24 Hour Timer			●	●	●	●		●	●	●	●	●	●	●	●			●	●			●	●		●	●	●	●	●	●	●	●		
Sleep Timer		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Weekly Timer		■	■	■	■	●	■	■	■	■	●	●	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Apple Catechin Filter			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Cold Air Prevention		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Expanded Htg. Performance						●				●	●				●				●	●					●					●				
High Ceiling Mode																													●	●	●			
Ion Deodorizing Filter			●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Pump Down Operation																			●															
Remote Temp. Sensor			■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Third Party Device Control			●	●	●	○		●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
0° Low Ambient Clg.																																		
-5° Low Ambient Clg.																●				●	●													
Base Pan Heater				2		2			2		2	2			●				●	●					2	2	2							
Blue Fin Coil Protection					●					●					●	●			●	●	●	●	●	●										
Hydro Fin		●	●	●		●	●	●	●		●	●	●				●							●	●	●	●	●	●	●	●	●		
Branch Duct Capable																																		
Built-In Condensate Pump																													●	●	●			
Daisy Chain			■	■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Long Piping Length (164'+)																●	●			●	●	●	●	●	●	●	●	●	●	●	●	●		
Slender Fit																																		
Warranty: up to 12 Yr Comp / Parts		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

2 Available only on 'H' models.

■ Available only with optional wired remote control.

■ Available only with optional wired remote controller and optional Communication Kit.

✓ Available only with optional part UTY-SHZXC.

❖ Available only with optional wireless remote control.

○ Available only with optional External Input/Output PCB Kit.

▼ Available only with optional louver grille UTD-GXS(A/B/C)-W or UTD-GXT(A/B/C)-W.

Single-Zone Heat Pumps																								Multi-Zone Heat Pumps																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Medium Static Ducted							Multi-Position Air Handler							Ceiling Suspended				Large Cassette						Wall Mount ASUH07-24LPAS	Slim Duct ADUH07-24LUAS1D	Cassette ACUH07-18LUAS1C	Floor Mount AGU9-15RLF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	12LUAS1R	18LUAS1R	24LUAS1R	30LUAS1R	36LUAS1R	42RGLXD	48RGLXD	24LUAS1M	30LUAS1M	30LUAH1M	36LMA51	36LMAH1M	48LMA51	48LMAH1M	18LUAS1B	24LUAS1B	24LUAS1B	36LUAS1B	18LUAS1U	24LUAS1U	30LUAS1U	36LUAS1U	42RGLXC	48RGLXC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	✓	✓	✓	✓	✓	✓	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

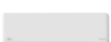
◆ Available only with optional Fresh Air Intake Kit.

* See bottom of page 58 and page 60 for qualifying combinations.

+ 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: Standard warranty is 5 year Parts / 7 year Compressor. 12 year Compressor/Parts warranty applies when properly registered AND installed by a Fujitsu AIRSTAGE Elite Contractor in a residence. See full warranty for details.

Single-Zone and Multi-Zone Systems Lineup

SINGLE ZONE WALL MOUNTED MINI-SPLITS							
BTU		9,000	12,000	15,000	18,000		
BEST	Wall Mount Highest Efficiency 	★ 14°F -5°F ASUG09LZBS / AOUG09LZAS1	★ 14°F -5°F ASUG12LZBS / AOUG12LZAS1	★ 14°F -5°F ASUG15LZBS / AOUG15LZAS1			
	XLTH Wall Mount Extra Low Temp Heating 	★ 14°F -15°F ASUG09LZBS / AOUG09LZAH1	★ 14°F -15°F ASUG12LZBS / AOUG12LZAH1	★ 14°F -15°F ASUG15LZBS / AOUG15LZAH1			
BETTER	Wall Mount Mid Tier 	★ 14°F 5°F ASUH09LMAS / AOUH09LMA51	★ 14°F 5°F ASUH12LMAS / AOUH12LMB51		★ 14°F 5°F ASUH18LMAS / AOUH18LMA51		
	XLTH Wall Mount Extra Low Temp Heating 	★ 14°F -15°F ASUH09LMAS / AOUH09LMAH1	★ 14°F -15°F ASUH12LMAS / AOUH12LMBH1		★ -5°F -15°F ASU18RLF / AOU18RLXFWH		
	STHP Mid Tier 	★ 14°F 5°F ASUH09LMAS / AOUH09LEAS1	14°F 5°F ASUH12LMAS / AOUH12LEAS1				
GOOD	Wall Mount Entry Tier 115V 	14°F 14°F ASU9RL2 / AOU9RL2	14°F 14°F ASU12RL2 / AOU12RL2				
	Wall Mount Entry Tier 	★ 14°F 5°F ASUH09LPAS / AOUH09LPAS1	14°F 5°F ASUH12LPAS / AOUH12LPAS1		14°F 5°F ASUH18LPAS / AOUH18LPAS1		
SINGLE ZONE NON-WALL MOUNTED MINI-SPLITS							
Floor Mount Highest Efficiency 		★ 14°F -5°F AGU9RLF / AOU9RLFF	★ 14°F -5°F AGU12RLF / AOU12RLFF	★ 14°F -5°F AGU15RLF / AOU15RLFF			
XLTH Floor Mount Extra Low Temp Heating 		★ 14°F -15°F AGU9RLF / AOU9RLFFH	★ 14°F -15°F AGU12RLF / AOU12RLFFH	★ 14°F -15°F AGU15RLF / AOU15RLFFH			
Compact Cassette 		★ 14°F -5°F ACUH09LUAS1 / AOUH09LUAS1	★ 14°F -5°F ACUH12LUAS1 / AOUH12LUAS1		★ 14°F -5°F ACUH18LUAS1 / AOUH18LUAS1		
Medium-Static Ducted 			★ 14°F -5°F ARUH12LUAS / AOUH12LUAS1		★ -5°F -5°F ARUH18LUAS / AOUH18LUAS1		
Multi-Position Air Handler 							
XLTH Multi-Position Air Handler 							
Ceiling Suspended 					★ -5°F 14°F ABUH18LUAS / AOUH18LUAS1		
Large Cassette Circular Flow 					★ -5°F -5°F AUUH18LUAS / AOUH18LUAS1		
MULTI ZONE DUCTLESS HEAT PUMPS - INDOOR UNITS							
BTU		7,000	9,000	12,000	15,000	18,000	24,000
Wall Mount (Compact, Large) 		ASUH07LPAS	ASUH09LPAS	ASUH12LPAS	ASUH15LPAS	ASUH18LPAS	ASUH24LPAS
Slim Duct 		ADUH07LUAS1	ADUH09LUAS1	ADUH12LUAS1		ADUH18LUAS1	ADUH24LUAS1
Compact Cassette 		ACUH07LUAS1	ACUH09LUAS1	ACUH12LUAS1		ACUH18LUAS1	
Floor Mount 			AGU9RLF	AGU12RLF	AGU15RLF		

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

	24,000	30,000	36,000	42,000	48,000
	★ 14°F 5°F ASUH24LMAS / AOUH24LMAS1				
	★ -5°F -15°F ASU24RLF / AOU24RLXFWH	★ -5°F -15°F ASU30RLE / AOU30RLXEH			
	14°F 5°F ASUH24LPAS / AOUH24LPAS1	14°F 5°F ASUH30LPAS / AOUH30LPAS1	14°F 5°F ASUH36LPAS / AOUH36LPAS1		
	★ -5°F -5°F ARUH24LUAS / AOUH24LUAS1	★ -5°F -5°F ARUH30LUAS / AOUH30LUAS1	★ -5°F -5°F ARUH36LUAS / AOUH36LUAS1	-5°F -5°F ARU42RGLX / AOU42RGLX	-5°F -5°F ARU48RGLX / AOU48RGLX
	★ -5°F -5°F AMUG24LMAS / AOUH24LUAS1	★ -5°F -5°F AMUG30LMAS / AOUH30LUAS1	★ 14°F -5°F AMUG36LMAS / AOUH36LMAS1		14°F -5°F AMUG48LMAS / AOUH48LMAS1
		★ -5°F -15°F AMUG30LMAS / AOUH30LUAH1	★ -5°F -15°F AMUG36LMAS / AOUH36LMAH1		★ -5°F -15°F AMUG48LMAS / AOUH48LMAH1
	★ -5°F -5°F ABUH24LUAS / AOUH24LUAS1	★ -5°F -5°F ABUH30LUAS / AOUH30LUAS1	★ -5°F -5°F ABUH36LUAS / AOUH36LUAS1		
	★ -5°F -5°F AUUH24LUAS / AOUH24LUAS1	★ -5°F -5°F AUUH30LUAS / AOUH30LUAS1	★ -5°F -5°F AUUH36LUAS / AOUH36LUAS1	-5°F -5°F AUU42RGLX / AOU42RGLX	-5°F -5°F AUU48RGLX / AOU48RGLX

MULTI ZONE DUCTLESS HEAT PUMPS- OUTDOOR UNITS

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

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

Single-Zone Mini-Split Systems

Making the hottest places cool and the coolest places more comfortable

- Extensive lineup from 9,000 to 48,000 BTU
- 58 different systems available in 7 indoor unit styles
- Energy efficient systems with SEER2 ratings as high as 33.1 and HSPF2 as high as 14.2
- 45 ENERGY STAR® qualified systems
- Inverter Technology is used in all systems
- All systems feature environmentally friendly R410A refrigerant
- Quiet operation with indoor units as low as 19dB(A) and outdoor units as low as 46dB(A)

9, 12, 15,000 BTU/h Wall Mount Heat Pumps

AIRSTAGE H-Series

AIRSTAGE H-Series
XLTH

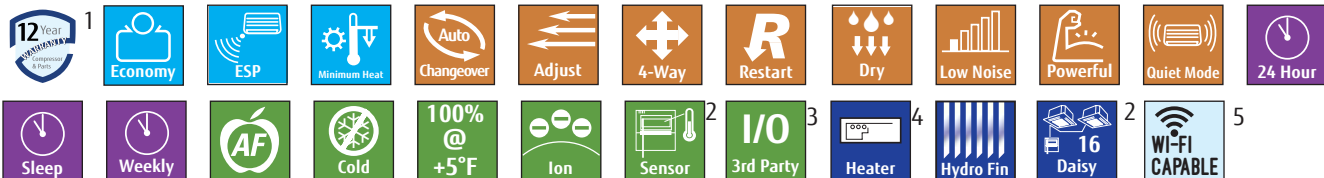
Handheld remote control included with indoor unit



ASUG09-12-15LZBS



AOUG09-12-15LZAS1



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

2 Available only with optional wired Remote Control and optional Communication Kit.

3 Available only with optional External Input/Output PCB Kit.

4 XLTH models only

5 See page 13 for details

Energy saving program (ESP) Function

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

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



High Performance Heating

The LZBS1 model can operate down to -5°F. The LZBH1 can operate efficiently down to -15°F. See the full **XLTH** story on page 14.

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
Wi-Fi Interface Module	UTY-TFSXH4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway.....	FJ-AC-485-1
Modbus Converter	UTY-VMSX
Communication Kit.....	UTY-TWRXZ2
External Input and Output PCB.....	UTY-XCSXZ2
Dry Contact Wire Kit	UTY-XWZXZ5

Systems 09LZBS1, 12LZBS1, 15LZBS1

High Heat Systems 09LZBH1, 12LZBH1, 15LZBH1

UP TO 33.1 SEER2

UP TO 33.1 SEER2		09LZBS1		12LZBS1		15LZBS1		09LZBH1		12LZBH1		15LZBH1		
Performance								XLTH		XLTH		XLTH		
Rated Cooling	BTU/h	9,000		12,000		14,500		9,000		12,000		14,500		
Min.-Max. Cooling	BTU/h	3,100~12,000		3,100~13,600		3,100~18,400		3,100~12,000		3,100~13,600		3,100~18,400		
Rated Heating	BTU/h	12,000		16,000		18,000		12,000		16,000		18,000		
Min.-Max. Heating	BTU/h	3,100~22,000		3,100~22,100		3,100~23,900		3,100~22,000		3,100~22,100		3,100~23,900		
SEER	SEER2	Btu/hW	33.1	33.1	29.4	29.4	25.3	25.3	33.1	33.1	29.4	29.4	25.3	25.3
HSPF	HSPF2	Btu/hW	14.2	13.4	14.0	12.9	13.4	12.8	14.0	13.3	13.8	12.7	13.3	12.7
EER	EER2	Btu/hW	18.0	18.0	15.2	15.2	13.9	13.9	18.0	18.0	15.2	15.2	13.9	13.9
Energy Star Rating*		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		
Clg. Operating Range	°F (°C)	14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		
Htg. Operating Range	°F (°C)	-5~75 (-21~24)		-5~75 (-21~24)		-5~75 (-21~24)		-15~75 (-26~24)		-15~75 (-26~24)		-15~75 (-26~24)		
Moisture Removal	Pt./h (l/h)	2.5 (1.2)		2.7 (1.3)		4.0 (1.9)		2.5 (1.2)		2.7 (1.3)		4.0 (1.9)		
Max Htg % of Nominal Capacity at +5°F (-15°C)^		171%		138%		140%		171%		138%		140%		
Max Htg % of Nominal Capacity at -5°F (-21°C)^		163%		125%		124%		156%		125%		124%		
Max Htg % of Nominal Capacity at -15°F (-26°C)^		--		--		--		123%		98%		109%		
Fan (Cooling Mode)														
Air Circulation: Hi	CFM (m3/h)	542 (920)		542 (920)		583 (990)		542 (920)		542 (920)		583 (990)		
Medium	CFM (m3/h)	406 (690)		406 (690)		459 (780)		406 (690)		406 (690)		459 (780)		
Low	CFM (m3/h)	312 (530)		312 (530)		312 (530)		312 (530)		312 (530)		312 (530)		
Quiet	CFM (m3/h)	206 (350)		206 (350)		241 (410)		206 (350)		206 (350)		241 (410)		
Fan Speed Stages		4+Auto		4+Auto		4+Auto		4+Auto		4+Auto		4+Auto		
Sound Levels (Clg/Htg)														
Indoor: Hi	dB(A)	43/43		43/43		45/45		43/43		43/43		45/45		
Medium	dB(A)	37/36		37/36		40/39		37/36		37/36		40/39		
Low	dB(A)	31/31		31/31		32/32		31/31		31/31		32/32		
Quiet	dB(A)	23/23		23/23		26/26		23/23		23/23		26/26		
Outdoor	dB(A)	46/47		47/47		49/50		46/47		47/47		49/50		
Electrical														
Voltage/Frequency/Phase		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		
Circuit Breaker	Amps	15		15		20		15		15		20		
Current Rated/Max: Clg.	Amps	2.5/9.4		3.8/9.4		4.8/9.9		2.5/9.4		3.8/9.4		4.8/9.9		
Current Rated/Max: Htg.	Amps	3.3/10.9		4.7/10.9		5.2/13.4		3.3/11.9		4.7/11.9		5.2/14.4		
Power Use Rated/Max: Clg.	kW	0.50/0.85		0.79/0.99		1.04/1.56		0.50/0.85		0.79/0.99		1.04/1.56		
Power Use Rated/Max: Htg.	kW	0.66/1.93		1.01/1.94		1.15/2.19		0.66/1.93		1.01/1.94		1.15/2.19		
Size & Weight														
Net Weight	lbs. (kg)	29 (13)	84 (38)	29 (13)	84 (38)	29 (13)	86 (39)	29 (13)	86 (39)	29 (13)	86 (39)	29 (13)	88 (40)	
Dimensions: Height	Inch	11	24-7/8	11	24-7/8	11	24-7/8	11	24-7/8	11	24-7/8	11	24-7/8	
	mm	280	632	280	632	280	632	280	632	280	632	280	632	
Width	Inch	38-9/16	31-7/16	38-9/16	31-7/16	38-9/16	31-7/16	38-9/16	31-7/16	38-9/16	31-7/16	38-9/16	31-7/16	
	mm	980	799	980	799	980	799	980	799	980	799	980	799	
Depth	Inch	9-7/16	11-7/16	9-7/16	11-7/16	9-7/16	11-7/16	9-7/16	11-7/16	9-7/16	11-7/16	9-7/16	11-7/16	
	mm	240	290	240	290	240	290	240	290	240	290	240	290	
Refrigerant		R410A		R410A		R410A		R410A		R410A		R410A		
Additional Data														
Air Direction: Horiz.		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic		
Vertical		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic		
Air Filter Type		Washable		Washable		Washable		Washable		Washable		Washable		
Min. Lineset Length	Ft (m)	16 (5)		16 (5)		16 (5)		16 (5)		16 (5)		16 (5)		
Max. Lineset Length	Ft (m)	66 (20)		66 (20)		66 (20)		66 (20)		66 (20)		66 (20)		
		(pre-charge: 49')		(pre-charge: 49')		(pre-charge: 49')		(pre-charge: 49')		(pre-charge: 49')		(pre-charge: 49')		
Max. Vertical Diff.	Ft (m)	49 (15)		49 (15)		49 (15)		49 (15)		49 (15)		49 (15)		
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	
^ Based on nominal capacity (e.g. 09LZBS1 based on 9,000 BTU/h) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.		Indoor ASUG09LZBS	Outdoor AOUG09LZAS1	Indoor ASUG12LZBS	Outdoor AOUG12LZAS1	Indoor ASUG15LZBS	Outdoor AOUG15LZAS1	Indoor ASUG09LZBS	Outdoor AOUG09LZAH1	Indoor ASUG12LZBS	Outdoor AOUG12LZAH1	Indoor ASUG15LZBS	Outdoor AOUG15LZAH1	

*



9, 12, 18, 24,000 BTU/h Wall Mount Heat Pumps

AIRSTAGE H-Series



ASUH09-12LMA5



ASUH18LMA5



ASUH24LMA5

AOUH09LMA51
AOUH12LMA51

AOUH18-24LMA51

Handheld remote control included with indoor unit



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

2 Available only with optional wired remote control.

3 Available only with optional wired remote control and optional Communication Kit.

4 See page 13 for details.

Product features

- Indoor unit with HCRC (High Corrosion Resistant Copper) coils. HCRC coils have higher resistance to corrosion compared with standard or oxygen free copper coils.



- Compatible with 2-wire wired remote controllers.
- Revamped controls platform, featuring 2 communication (UART) ports allows, simultaneous connection of wired controller, WIFI adapter, and 3rd party devices (such as field supplied auxiliary heater, humidifier...etc.).
- Service monitoring menu through UTY-RNRUZ5 and UTY-RVRU simplifies system and sensor monitoring and troubleshooting.
- High efficiency, Energy Star rated systems with state of the art coil design and increased fan performance.
- Washable filter, factory provided with IDU
- Large cross-flow fan -New and improved fan design that delivers high performance with lower energy consumption and whisper-quiet operation with sound pressure levels as low as 19dB(A).



Ø 3/16in.
(5mm)
Hi-density
heat
exchanger

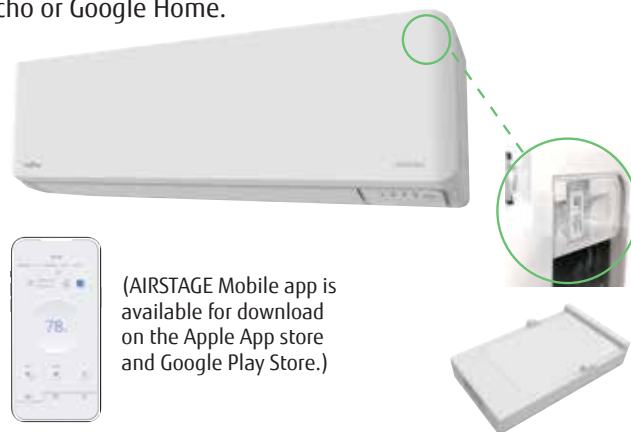


Ø 1/4in.
(7mm)
Large
heat
exchanger

Smart device control (Optional)

UTY-TFSXH4

Wi-Fi compatible systems such as the LMA5 series can be controlled from anywhere using the AIRSTAGE Mobile app on a mobile device, or smart home devices such as Amazon Echo or Google Home.



(AIRSTAGE Mobile app is available for download on the Apple App store and Google Play Store.)

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
Wi-Fi Interface Module	UTY-TFSXH4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway.....	FJ-AC-485-1
Modbus Converter	UTY-VMSX
Communication Kit.....	UTY-TWRXZ2
External Input and Output PCB.....	UTY-XCSXZ2
Dry Contact Wire Kit	UTY-XWZXZ5
Wire Kit	UTY-XWZX

Gen H Systems 09LMAS1, 12LMBS1, 18LMAS1, 24LMAS1

UP TO 26.5 SEER2

UP TO 26.5 SEER2			09LMAS1		12LMBS1		18LMAS1		24LMAS1	
Performance										
Rated Cooling		BTU/h	9,000		12,000		18,000		22,000	
Min.-Max. Cooling		BTU/h	3,400-10,900		3,400-13,300		7,000-20,000		9,100-27,300	
Rated Heating		BTU/h	12,000		14,000		21,600		25,200	
Min.-Max. Heating		BTU/h	2,800-15,000		2,800-19,100		8,000-29,000		8,200-37,000	
SEER	SEER2	Btu/hW	26.5	26.5	--	23.0	21.1	21.1	22.5	22.5
HSPF	HSPF2	Btu/hW	13.0	12.6	--	11.1	12.5	11.5	12.0	11.4
EER	EER2	Btu/hW	14.3	14.3	--	12.5	13.0	13.0	12.5	12.5
Energy Star Rating*			ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME	
Clg. Operating Range		°F (°C)	14~115 (-10~46)		14~115 (-10~46)		14 to 115 (-10 to 46)		14 to 115 (-10 to 46)	
Htg. Operating Range		°F (°C)	5~75 (-15~24)		5~75 (-15~24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)	
Moisture Removal		Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)		4.0 (1.9)		6.3 (3.0)	
Fan (Cooling Mode)										
Air Circulation: Hi		CFM (m3/h)	453 (770)		453 (770)		577 (980)		647 (1,100)	
Medium		CFM (m3/h)	353 (600)		353 (600)		489 (830)		530 (900)	
Low		CFM (m3/h)	265 (450)		265 (450)		377 (640)		436 (740)	
Quiet		CFM (m3/h)	147 (250)		147 (250)		300 (510)		371 (630)	
Fan Speed Stages			4+Auto		4+Auto		4+Auto		4+Auto	
Sound Levels (Clg/Htg)										
Indoor: Hi		dB(A)	43/43		43/43		46/46		46/48	
Medium		dB(A)	36/38		36/38		41/41		42/38	
Low		dB(A)	30/33		30/33		35/35		37/34	
Quiet		dB(A)	19/21		19/21		30/30		33/30	
Outdoor		dB(A)	46/48		49/50		49/50		52/54	
Electrical										
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker		Amps	15		15		20		20	
Current Rated/Max: Clg.		Amps	3.1/6.4		4.7/6.9		6.2/13.4		7.8/15.4	
Current Rated/Max: Htg.		Amps	4.0/7.9		4.8/9.4		7.0/13.9		8.3/15.9	
Power Use Rated/Max: Clg.		kW	0.63/0.92		0.96/1.27		1.38/ 1.86		1.76/ 2.63	
Power Use Rated/Max: Htg.		kW	0.84/1.61		0.99/1.67		1.58/ 2.82		1.87/ 3.53	
Size & Weight										
Net Weight		lbs. (kg)	22 (10)	68 (31)	22 (10)	71 (32)	29 (13.0)	117 (53)	36 (16.5)	117 (53)
Dimensions: Height		Inch	10-5/8	21-5/16	10-5/8	21-5/16	11	31	13-6/16	31
		mm	270	542	270	542	280	788	340	788
Width		Inch	32-13/16	31-7/16	32-13/16	31-7/16	38-9/16	37	45-1/4	37
		mm	834	799	834	799	980	940	1,150	940
Depth		Inch	8-3/4	11-7/16	8-3/4	11-7/16	9-7/16	12-5/8	11	12-5/8
		mm	222	290	222	290	240	320	280	320
Refrigerant			R410A		R410A		R410A		R410A	
Additional Data										
Air Direction: Horiz.			Manual		Manual		Manual		Manual	
Vertical			Automatic		Automatic		Automatic		Automatic	
Air Filter Type			Washable		Washable		Washable		Washable	
Min. Lineset Length		Ft (m)	16 (5)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length		Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		164 (50) (pre-charge: 49')		164 (50) (pre-charge: 66')	
Max. Vertical Diff.		Ft (m)	49 (15)		49 (15)		98 (30)		98 (30)	
Lineset Size		Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
			Indoor ASUH09LMAS	Outdoor AOUH09LMAS1	Indoor ASUH12LMAS	Outdoor AOUH12LMBS1	Indoor ASUH18LMAS	Outdoor AOUH18LMAS1	Indoor ASUH24LMAS	Outdoor AOUH24LMAS1

*



9, 12, 18, 24,000 BTU/h Wall Mount Heat Pumps

AIRSTAGE H-Series

Handheld remote control included with indoor unit



ASUH09-12LMAS



AOUH09-12LMAH1



ASU18-24RLF



AOU18-24RLXFWH



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

2 Systems require optional wired remote control.

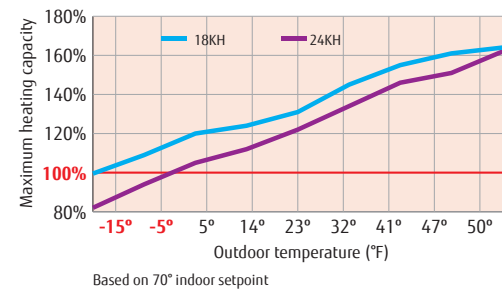
3 Available only with optional wired remote control and optional communication kit (18 & 24K IDUs do not require communication kit).

4 See page 13 for details.

High Performance Heating Capacity

Stay comfortable at low ambient temperatures! The LMAH1 and RLXFWH models can operate down to -15°F. See the full **XLTH** story on page 14.

RLXFWH



Optional Accessories (RLXFWH)

Wired Remote Control	UTY-RVNUM / UTY-RNNUM
Simple Remote Control.....	UTY-RSNUM
Wi-Fi Interface Module	FJ-RC-WIFI-1BT + UTY-WIFI
24V Thermostat Interface	UTY-TTRXZ1 + UTY-WIFI
External Switch Controller	UTY-TERX + UTY-WIFI
Modbus Gateway.....	FJ-RC-MBS-1 + UTY-WIFI
Wire Kit	UTY-XWZX

Optional Accessories (LMAH1)

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
Wi-Fi Interface Module	UTY-TFSXH4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway.....	FJ-AC-485-1
Modbus Converter	UTY-VMSX
Communication Kit.....	UTY-TWRXZ2
External Input and Output PCB.....	UTY-XCSXZ2
Dry Contact Wire Kit	UTY-XWZXZ5
Wire Kit	UTY-XWZX



High Heat Systems 09LMAH1, 12LMBH1

High Heat Systems 18RLXFWH, 24RLXFWH

UP TO 26.5 SEER2

UP TO 26.5 SEER2			09LMAH1		12LMBH1		18RLXFWH		24RLXFWH	
Performance			XLTH		XLTH		XLTH		XLTH	
Rated Cooling		BTU/h	9000		12000		18000		22000	
Min.-Max. Cooling		BTU/h	3,400~11,500		3,400~13,300		7,000~23,000		9,900~27,300	
Rated Heating		BTU/h	12000		14000		21600		25200	
Min.-Max. Heating		BTU/h	2,800~16,000		2,800~19,100		7,000~29,000		7,500~36,200	
SEER	SEER2	Btu/hW	26.5	26.5	--	23	20	20	19.5	19.5
HSPF	HSPF2	Btu/hW	13	12.3	--	11	10.4	10	10.5	10.5
EER	EER2	Btu/hW	15.4	15.4	--	12.5	13.3	13.3	12.5	12.5
Energy Star Rating*			ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME	
Clg. Operating Range		°F (°C)	14 to 115 (-10 to 46)		14 to 115 (-10 to 46)		-5~115 (-20~46)		-5~115 (-20~46)	
Htg. Operating Range		°F (°C)	-15 to 75 (-26 to 24)		-15 to 75 (-26 to 24)		-15~75 (-26~24)		-15~75 (-26~24)	
Moisture Removal		Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)		5.9 (2.8)		6.3 (3.0)	
Max Htg % of Nominal Capacity at +5°F (-15°C)^			105%		89%		120%		105%	
Max Htg % of Nominal Capacity at -5°F (-21°C)^			85%		72%		109%		94%	
Max Htg % of Nominal Capacity at -15°F (-26°C)^			61%		52%		100%		82%	
Fan (Cooling Mode)										
Air Circulation: Hi		CFM (m3/h)	453 (770)		453 (770)		542 (920)		659 (1,120)	
Medium		CFM (m3/h)	353 (600)		353 (600)		436 (740)		530 (900)	
Low		CFM (m3/h)	265 (450)		265 (450)		365 (620)		436 (740)	
Quiet		CFM (m3/h)	147 (250)		147 (250)		306 (520)		365 (620)	
Fan Speed Stages			4+Auto		4+Auto		4+Auto		4+Auto	
Sound Levels (Clg/Htg)										
Indoor: Hi		dB(A)	43/43		43/43		43/44		49/49	
Medium		dB(A)	36/38		36/38		37/37		42/42	
Low		dB(A)	30/33		30/33		33/33		37/37	
Quiet		dB(A)	19/21		19/21		28/28		33/33	
Outdoor		dB(A)	46/48		49/50		47/50		54/55	
Electrical										
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker		Amps	15		15		20		30	
Current Rated/Max: Clg.		Amps	3/6.9		4.7/6.9		6.2/13.5		7.9/15	
Current Rated/Max: Htg.		Amps	3.9/9.4		4.8/9.4		7.8/14.5		8.6/15.5	
Power Use Rated/Max: Clg.		kW	0.585/1.27		0.96/1.27		1.35/3.01		1.76/3.42	
Power Use Rated/Max: Htg.		kW	0.79/1.67		0.99/1.67		1.75/3.23		1.94/3.53	
Size & Weight										
Net Weight		lbs. (kg)	22 (10)	73 (33)	22 (10)	73 (33)	31 (14)	134 (61)	31 (14)	134 (61)
Dimensions: Height		Inch	10-5/8	21-5/16	10-5/8	21-5/16	12-5/8	32-11/16	12-5/8	32-11/16
		mm	270	542	270	542	320	830	320	830
Width		Inch	32-13/16	31-7/16	32-13/16	31-7/16	39-5/16	35-7/16	39-5/16	35-7/16
		mm	834	799	834	799	998	900	998	900
Depth		Inch	8-3/4	11-7/16	8-3/4	11-7/16	9	13	9	13
		mm	222	290	222	290	228	330	228	330
Refrigerant			R410A		R410A		R410A		R410A	
Additional Data										
Air Direction: Horiz.			Manual		Manual		Manual		Manual	
Vertical			Automatic		Automatic		Automatic		Automatic	
Air Filter Type			Washable		Washable		Washable		Washable	
Min. Lineset Length		Ft (m)	16 (5)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length		Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		164 (50) (pre-charge: 49')		164 (50) (pre-charge: 66')	
Max. Vertical Diff.		Ft (m)	49 (15)		49 (15)		98 (30)		98 (30)	
Lineset Size		Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
^ Based on nominal capacity (e.g. 09LMAH1 based on 9,000 BTU/h) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.			Indoor ASUH09LMAS	Outdoor AOUH09LMAH1	Indoor ASUH12LMAS	Outdoor AOUH12LMBH1	Indoor ASU18RLF	Outdoor AOU18RLXFWH	Indoor ASU24RLF	Outdoor AOU24RLXFWH

* Based on nominal capacity (e.g. 09LMAH1 based on 9,000 BTU/h) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.

*



30,000 BTU/h Wall Mount Heat Pump

AIRSTAGE **H-Series**
XLTH



Handheld remote
control included
with indoor unit



ASU30RLE



AOU30RLXEH



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

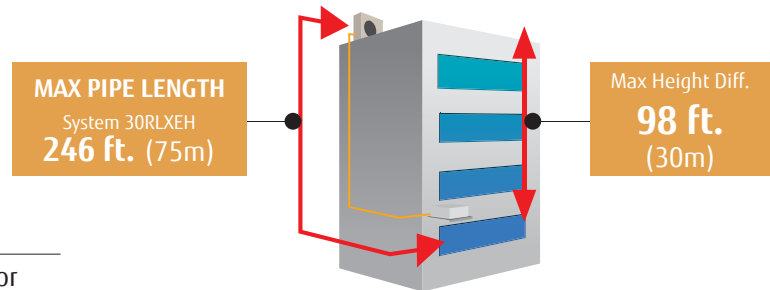
2 Systems require optional wired remote control.

3 See page 13 for details.

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

Extended Line Set

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



Lead-Lag function

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

Lead-lag function provides the following operation modes:

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

Lock Out Function

This feature can be set by the contractor on behalf of the Commercial Property Owner to prevent either Cooling or Heating operation from occurring.

* Power loss to one of the two units will disengage the lead lag function.

High Performance Heating Capacity

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

Additional Applications That May Require Low Ambient Cooling:

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

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
Wi-Fi Interface Module	UTY-TFSXJ4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway.....	FJ-AC-485-1
Modbus Converter	UTY-VMSX
External Input and Output PCB.....	UTY-XCSXZ1 + UTZ-GXXB
Outdoor Unit Input/Output Connector	UTY-XWZXZ3

High-Heat System 30RLXEH

UP TO 18.7 SEER2

30RLXEH

Performance		XLTH	
Rated Cooling	BTU/h	30000	
Min.-Max. Cooling	BTU/h	9,900-32,400	
Rated Heating	BTU/h	32000	
Min.-Max. Heating	BTU/h	8,000-36,200	
SEER	SEER2	Btu/hW	18.7
HSPF	HSPF2	Btu/hW	11.8
EER	EER2	Btu/hW	12.5
Energy Star Rating*		ES,ESCC,ESME	
Clg. Operating Range	°F (°C)	-5~115 (-20~46)	
Htg. Operating Range	°F (°C)	-15~75 (-26~24)	
Moisture Removal	Pt./h (l/h)	9.7 (4.6)	
Max Htg % of Nominal Capacity at +5°F (-15°C)^		107%	
Max Htg % of Nominal Capacity at -5°F (-21°C)^		91%	
Max Htg % of Nominal Capacity at -15°F (-26°C)^		76%	
Fan (Cooling Mode)			
Air Circulation: Hi	CFM (m3/h)	812 (1,380)	
Medium	CFM (m3/h)	665 (1,130)	
Low	CFM (m3/h)	536 (910)	
Quiet	CFM (m3/h)	418 (710)	
Fan Speed Stages		4+Auto	
Sound Levels (Clg/Htg)			
Indoor: Hi	dB(A)	50/49	
Medium	dB(A)	45/44	
Low	dB(A)	38/38	
Quiet	dB(A)	32/32	
Outdoor	dB(A)	53/54	
Electrical			
Voltage/Frequency/Phase		208-230/60/1	
Circuit Breaker	Amps	30	
Current Rated/Max: Clg.	Amps	10.6/20.5	
Current Rated/Max: Htg.	Amps	12/20.5	
Power Use Rated/Max: Clg.	kW	2.40/3.83	
Power Use Rated/Max: Htg.	kW	2.74/4.28	
Size & Weight			
Net Weight	lbs. (kg)	40 (18)	205 (93)
Dimensions: Height	Inch	13-3/8	50-13/16
	mm	340	1290
Width	Inch	45-1/4	35-7/16
	mm	1150	900
Depth	Inch	11	13
	mm	280	330
Refrigerant		R410A	
Additional Data			
Air Direction: Horiz.		Manual	
Vertical		Automatic	
Air Filter Type		Washable	
Minimum Lineset Length	Ft (m)	16 (5)	
Maximum Lineset Length	Ft (m)	246 (75) (pre-charge: 66')	
Max. Vertical Diff.	Ft (m)	98 (30)	
Lineset Size	Inch	Gas 5/8	Liq. 3/8
^ Based on model # capacity class (e.g. 30RLXEH based on 30,000 BTU/h) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.		Indoor ASU30RLE	Outdoor AOU30RLXEH

*

ES=



ESCC=



ESME=



Split Terminal Heat Pump

9, 12,000 BTU/h Wall Mount Heat Pumps



SPLIT TERMINAL HEAT PUMP



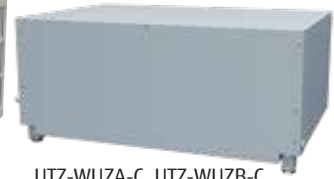
Handheld remote control included with indoor unit



ASUH09-12LMAS



AOUH09-12LEAS1



UTZ-WUZA-C, UTZ-WUZH-C



1



2



4

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

2 Available only with optional wired remote control.

3 Available only with optional wired remote control and optional Communication Kit.

4 See page 13 for details.

Ideal Replacement For PTAC Systems



PTAC



STHP (cutaway view)

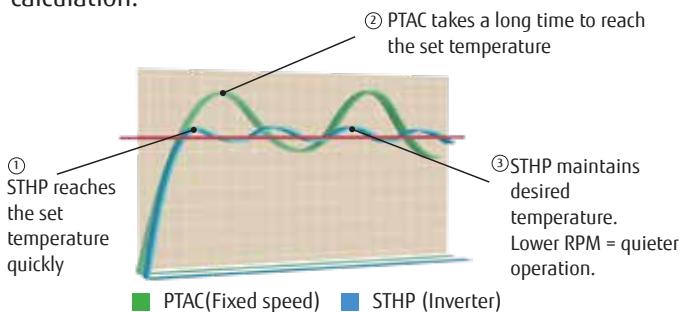


STHP

Stop Paying Expensive Energy Bills

Significant energy savings. Up to 58% reduction in electricity costs.

PTAC with electric heat used for energy consumption calculation.



Interlocking with External Devices

(OPTION)

Capable of being controlled through a field supplied key card switch or other sensors. This makes the STHP ideal for hospitality applications.



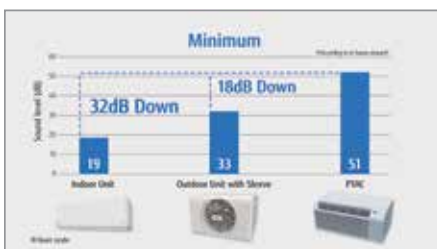
Control Your Home's Climate Anytime, Anywhere!

The optional Wireless LAN adapter (UTY-TFSXH4) enables remote operation via smartphone or tablet with the free AIRSTAGE Mobile App.



Lower Sound Levels

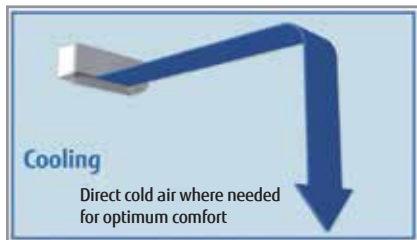
Up to 87% quieter than a PTAC



Systems 09LEAS1, 12LEAS1

Experience Constant Comfort

7 louver settings with auto-swing.



Optional Accessories

Kagami Wired Design Controller..... UTY-RVRU
 Wired Remote ControllerUTY-RNRUZ Series
 Simple Remote Controller UTY-RSRY / UTY-RHRY
 Wi-Fi Interface ModuleUTY-TFSXH4
 24V Thermostat Interface UTY-TTRXZ1
 External Switch ControllerUTY-TERX
 BACnet Gateway..... FJ-AC-485-1
 Modbus ConverterUTY-VMSX
 Communication Kit.....UTY-TWRXZ2
 External Input and Output PCB..... UTY-XCSXZ2
 Dry Contact Wire KitUTY-XWZXZ5

UP TO 21.3 SEER2

UP TO 21.3 SEER2			09LEAS1		12LEAS1	
Performance						
Rated Cooling		BTU/h	9,000		12,000	
Min.-Max. Cooling		BTU/h	3,070–9,900		3,070–12,300	
Rated Heating		BTU/h	10,900		12,000	
Min.-Max. Heating		BTU/h	3,070–13,000		3,070–14,700	
SEER	SEER2	Btu/hW	21.3	21.3	18.0	18.0
HSPF	HSPF2	Btu/hW	11.1	10.0	11.0	9.0
EER	EER2	Btu/hW	12.5	12.5	8.5	8.5
Energy Star Rating*			ES,ESCC,ESME		--	
Clg. Operating Range		°F (°C)	14 to 115 (-10 to 46)		14 to 115 (-10 to 46)	
Htg. Operating Range		°F (°C)	5 to 75 (-15 to 24)		5 to 75 (-15 to 24)	
Moisture Removal		Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)	
Fan (Cooling Mode)						
Air Circulation: Hi		CFM (m3/h)	453 (770)		453 (770)	
Medium		CFM (m3/h)	353 (600)		353 (600)	
Low		CFM (m3/h)	265 (450)		265 (450)	
Quiet		CFM (m3/h)	147 (250)		147 (250)	
Fan Speed Stages			4 + Auto		4 + Auto	
Sound Levels (Clg/Htg)						
Indoor: Hi		dB(A)	43/43		43/43	
Medium		dB(A)	36/38		36/38	
Low		dB(A)	30/33		30/33	
Quiet		dB(A)	19/21		19/21	
Outdoor		dB(A)	54/55		54/58	
Electrical						
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1	
Circuit Breaker		Amps	15		15	
Current Rated/Max: Clg.		Amps	3.4/8.4		6.4/8.4	
Current Rated/Max: Htg.		Amps	3.7/9.4		4.3/9.4	
Power Use Rated/Max: Clg.		kW	0.72/ 1.58		1.41/ 1.58	
Power Use Rated/Max: Htg.		kW	0.79/ 1.63		0.92/ 1.63	
Size & Weight						
Net Weight		lbs. (kg)	22 (10)	62 (28)	22 (10)	62 (28)
Dimensions: Height		Inch	10-5/8	14-5/16	10-5/8	14-5/16
		mm	270	363	270	363
Width		Inch	32-13/16	19-11/16	32-13/16	19-11/16
		mm	834	500	834	500
Depth		Inch	8-3/4	19-5/16	8-3/4	19-5/16
		mm	222	490	222	490
Refrigerant			R410A		R410A	
Additional Data						
Air Direction: Horizontal			Manual		Manual	
Vertical			Automatic		Automatic	
Air Filter Type			Washable		Washable	
Min. Lineset Length		Ft (m)	6.5 (2.0)		6.5 (2.0)	
Max. Lineset Length		Ft (m)	25 (7.5) (pre-charge 25')		25 (7.5) (pre-charge 25')	
Max. Vertical Diff.		Ft (m)	10 (3.0)		10 (3.0)	
Lineset Size		Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4
			Indoor ASUH09LMAS	Outdoor AOUH09LEAS1	Indoor ASUH12LMAS	Outdoor AOUH12LEAS1

*

ES=



ESCC=



ESME=



Sleeve			
Model		UTZ-WUZA-C	UTZ-WUZH-C
Dimensions (H × W × D)	in (mm)	16-1/16 × 42 × 27-7/16 (408 × 1,067 × 697)	16-1/16 × 42 × 22-23/32 (408 × 1067 × 577)
Weight	lb (kg)	84 (38)	73 (33)
Drain pipe material		Copper	
Tip diameter	in (mm)	Ø 1/2 (Ø 12.7) (O.D.)	

9 and 12,000 BTU/h, 115V, Wall Mount Heat Pumps

AIRSTAGE H-Series



Handheld remote control included with indoor unit



ASU9-12RL2



AOU9-12RL2



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

2 See page 13 for details.

Function

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

Easy Maintenance

Front panel is easily removed for cleaning.

Applications

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



Systems 9RL2, 12RL2

16.0 SEER2

16.0 SEER2			9RL2		12RL2	
Performance						
Rated Cooling		BTU/h	9,000		12,000	
Min.-Max. Cooling		BTU/h	1,700~10,700		3,100~12,500	
Rated Heating		BTU/h	10,000		14,000	
Min.-Max. Htg.		BTU/h	1,700~12,000		3,100~16,000	
SEER	SEER2	Btu/hW	16	16	16	16
HSPF	HSPF2	Btu/hW	9	9	9	9
EER	EER2	Btu/hW	10.8	10.8	10	10
Clg. Operating Range		°F (°C)	14~115 (-10~46)		14~115 (-10~46)	
Htg. Operating Range		°F (°C)	14~75 (-10~24)		14~75 (-10~24)	
Moisture Removal		Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)	
Fan (Cooling Mode)						
Air Circulation: Hi		CFM (m3/h)	424 (720)		424 (720)	
Medium		CFM (m3/h)	353 (600)		353 (600)	
Low		CFM (m3/h)	247 (420)		250 (425)	
Quiet		CFM (m3/h)	191 (325)		191 (325)	
Fan Speed Stages			4 + Auto		4 + Auto	
Sound Levels (Clg/Htg)						
Indoor: Hi		dB(A)	43/44		43/44	
Medium		dB(A)	38/38		38/38	
Low		dB(A)	33/33		33/33	
Quiet		dB(A)	23/23		23/23	
Outdoor		dB(A)	47/48		51/51	
Electrical						
Voltage/Frequency/Phase			115/60/1		115/60/1	
Circuit Breaker		Amps	15		20	
Current Rated/Max: Clg.		Amps	7.5/13.0		10.9/13.0	
Current Rated/Max: Htg.		Amps	7.0/13.5		11.0/15.0	
Power Use Rated/Max: Clg.		kW	0.83/1.44		1.2/1.44	
Power Use Rated/Max: Htg.		kW	0.77/1.49		1.21/1.66	
Size & Weight						
Net Weight		lbs. (kg)	15 (7)	64 (29)	15 (7)	68 (31)
Dimensions: Height		Inch	10-5/16	21-1/4	10-5/16	21-1/4
		mm	262	540	262	540
Width		Inch	32-5/16	26	32-5/16	26
		mm	820	660	820	660
Depth		Inch	8-1/8	11-11/32	8-1/8	11-11/32
		mm	206	290	206	290
Refrigerant			R410A		R410A	
Additional Data						
Air Direction: Horizontal			Manual		Manual	
Vertical			Automatic		Automatic	
Air Filter Type			Washable		Washable	
Min. Lineset Length		Ft (m)	10 (3)		10 (3)	
Max. Lineset Length		Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')	
Max. Vertical Diff.		Ft (m)	49 (15)		49 (15)	
Lineset Size		Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4
			Indoor ASU9RL2	Outdoor AOU9RL2	Indoor ASU12RL2	Outdoor AOU12RL2

09, 12, 18, 24, 30, 36,000 BTU/h Wall Mount Heat Pumps

AIRSTAGE H-Series

Handheld remote control included with indoor unit



ASUH09-12LPAS



ASUH18-24LPAS



ASUH30-36LPAS



AOUH09LPAS1



AOUH12LPAS1



AOUH18-24LPAS1



AOUH30-36LPAS1



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

2 Available only with optional wired remote control.

3 See page 13 for details.

Product Features

- Energy efficient - Up to 20.0 SEER2 and up to 11.0 HSPF2, these systems save money on utility bills and can qualify for rebates!
- Revamped controls platform, featuring 2 communication (UART) ports allowing simultaneous connection of wired controller, WIFI adapter, and 3rd party devices (such as field supplied auxiliary heater, humidifier...etc.)
- Service monitoring menu through UTY-RNRUZ5 and UTY-RVRU simplifies system and sensor monitoring and troubleshooting
- Indoor unit with HCRC (High Corrosion Resistant Copper) coils. HCRC coils have higher resistance to corrosion compared with standard or oxygen free copper coils



Standard Copper Tubing



Oxygen-Free Copper Tubing



New Copper Tubing

- High voltage electronic components are coated with silicon for protection
- Compact outdoor unit and extended line set lengths add flexibility and simplifies the installation process
- Washable filter factory provided with IDU
- Unique fan design provides whisper-quiet operation with sound pressure levels as low as 19dB(A)
- Compatible with 2-wire wired remote controllers
- Lower power consumption enables installers to use smaller circuit size.

Smart Device Control (Optional)



Manage your comfort anytime and from anywhere using AIRSTAGE Mobile App.*

Works with Amazon Alexa and Google Home.*

* Wi-Fi module required.



Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
Wi-Fi Interface Module	UTY-TFSXH4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway.....	FJ-AC-485-1
Modbus Converter	UTY-VMSX
Communication Kit.....	UTY-TWRXZ2
External Input and Output PCB.....	UTY-XCSXZ2
Dry Contact Wire Kit	UTY-XWZXZ5
Wire Kit	UTY-XWZX

Systems 09LPAS1, 12LPAS1, 18LPAS1, 24LPAS1, 30LPAS1, 36LPAS1

UP TO 20.0 SEER2			09LPAS1		12LPAS1		18LPAS1		24LPAS1		30LPAS1		36LPAS1	
Performance														
Rated Cooling		BTU/h	9,000		12,000		18,000		24,000		30,000		33,000	
Min.-Max. Cooling		BTU/h	3,300–10,800		3,400–12,700		4,000–19,000		4,000–24,400		9,900–32,400		9,900–34,100	
Rated Heating		BTU/h	10,000		14,000		18,000		24,000		30,000		34,000	
Min.-Max. Heating		BTU/h	2,600–12,500		3,100–17,000		2,800–24,000		2,900–29,000		8,700–33,000		8,700–35,000	
SEER	SEER2	Btu/hW	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	18	18	18	18
HSPF	HSPF2	Btu/hW	11.0	10.5	11.0	10.5	11.0	10.5	11.0	9.8	11.0	9.8	11.0	9.6
EER	EER2	Btu/hW	12.5	12.5	11.0	11.0	12.0	12.0	9.2	9.2	9.8	9.8	8.1	8.1
Energy Star Rating*			ES,ESME		--		--		--		--		--	
Clg. Operating Range		°F (°C)	14 to 115 (-10 to 46)		14 to 115 (-10 to 46)		14 to 115 (-10 to 46)		14 to 115 (-10 to 46)		14 to 115 (-10 to 46)		14 to 115 (-10 to 46)	
Htg. Operating Range		°F (°C)	5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)	
Moisture Removal		Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)		4.0 (1.9)		6.3 (3.0)		9.7 (4.6)		10.1 (4.8)	
Fan (Cooling Mode)														
Air Circulation: Hi		CFM (m3/h)	412 (700)		453 (770)		530 (900)		642 (1,090)		812 (1,380)		812 (1,380)	
Medium		CFM (m3/h)	330 (560)		353 (600)		471 (800)		471 (800)		665 (1,130)		665 (1,130)	
Low		CFM (m3/h)	253 (430)		265 (450)		377 (640)		377 (640)		536 (910)		536 (910)	
Quiet		CFM (m3/h)	159 (270)		147 (250)		241 (410)		306 (520)		418 (710)		418 (710)	
Fan Speed Stages			4+Auto		4+Auto		4+Auto		4+Auto		4+Auto		4+Auto	
Sound Levels (Clg/Htg)														
Indoor: Hi		dB(A)	40/42		43/43		44/43		49/47		50/49		50/49	
Medium		dB(A)	34/36		36/38		42/39		42/43		45/44		45/44	
Low		dB(A)	29/31		30/33		37/34		37/37		38/38		38/38	
Quiet		dB(A)	19/21		19/21		26/28		31/32		32/32		32/32	
Outdoor		dB(A)	47/48		47/48		50/50		53/54		52/54		53/54	
Electrical														
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1		208/230 V ~ 60 Hz		208/230 V ~ 60 Hz		208/230 V ~ 60 Hz		208/230 V ~ 60 Hz	
Circuit Breaker		Amps	15		15		15		20		30		30	
Current Rated/Max: Clg.		Amps	3.5/ 6.4		4.9/6.9		6.7/9.9		11.4/14.4		13.4/18.9		17.8/18.9	
Current Rated/Max: Htg.		Amps	3.7/7.9		4.9/7.9		5.9/11.9		9.1/13.9		10.9/18.9		13.5/18.9	
Power Use Rated/Max: Clg.		kW	0.72/1.18		1.09/1.33		1.50/1.90		2.60/3.20		3.07/4.03		4.08/4.29	
Power Use Rated/Max: Htg.		kW	0.74/1.23		1.10/1.61		1.33/2.10		2.07/3.10		2.46/3.15		3.09/3.32	
Size & Weight														
Net Weight		lbs. (kg)	21 (9.5)	51 (23)	22 (10.0)	68 (31)	29 (13)	86 (39)	29 (13)	86 (39)	39 (17.5)	117 (53)	39 (17.5)	117 (53)
Dimensions: Height		Inch	10-5/8	21-5/16	10-5/8	21-5/16	11	24-7/8	11	24-7/8	13-3/8	31	13-3/8	31
		mm	270	541	270	542	280	632	280	632	340	788	340	788
Width		Inch	32-13/16	26-1/8	32-13/16	31-7/16	38-9/16	31-7/16	38-9/16	31-7/16	45-1/4	37	45-1/4	37
		mm	834	663	834	799	980	799	980	799	1,150	940	1,150	940
Depth		Inch	8-3/4	11-7/16	8-3/4	11-7/16	9-7/16	11-7/16	9-7/16	11-7/16	11	12-5/8	11	12-5/8
		mm	222	290	222	290	240	290	240	290	280	320	280	320
Refrigerant			R410A		R410A		R410A		R410A		R410A		R410A	
Additional Data														
Air Direction: Horiz.			Manual		Manual		Manual		Manual		Manual		Manual	
Vertical			Automatic		Automatic		Automatic		Automatic		Automatic		Automatic	
Air Filter Type			Washable		Washable		Washable		Washable		Washable		Washable	
Min. Lineset Length		Ft (m)	16 (5)		16 (5)		16 (5)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length		Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		164 (50) (pre-charge 66')		164 (50) (pre-charge 66')	
Max. Vertical Diff.		Ft (m)	49 (15)		49 (15)		49 (15)		49 (15)		98 (30)		98 (30)	
Lineset Size		Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
			Indoor ASUH09LPAS	Outdoor AOUH09LPAS1	Indoor ASUH12LPAS	Outdoor AOUH12LPAS1	Indoor ASUH18LPAS	Outdoor AOUH18LPAS1	Indoor ASUH24LPAS	Outdoor AOUH24LPAS1	Indoor ASUH30LPAS	Outdoor AOUH30LPAS1	Indoor ASUH36LPAS	Outdoor AOUH36LPAS1

*



9, 12, 15,000 BTU/h Floor Mount Heat Pumps

AIRSTAGE H-Series

AIRSTAGE H-Series
XLTH

Handheld remote control included with indoor unit



AGU9-12-15RLF



AOU9-12-15RLFF



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

Ideal Radiator Replacement



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

Base Pan Heater (RLFFH Models)

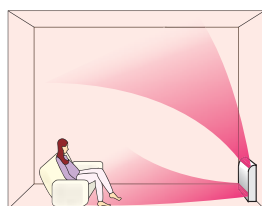
RLFF models can operate down to -5°F. RLFFH models can operate down to -15°F. See the full **XLTH** story on page 14.

Optional Accessories

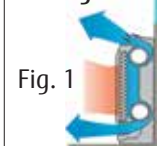
Wired Remote Control UTY-RVNUM / UTY-RNNUM
 Simple Remote Control.....UTY-RSNUM
 Wi-Fi Interface Module FJ-RC-WIFI-1BT + UTY-WIFI
 24V Thermostat Interface UTY-TTRXZ1 + UTY-WIFI
 External Switch ControllerUTY-TERX + UTY-WIFI
 Modbus Gateway..... FJ-RC-MBS-1 + UTY-WIFI
 Dry Contact Wire Kit UTY-XWZXZ5

Two Fans and Wide Airflow

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

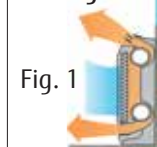


Cooling



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

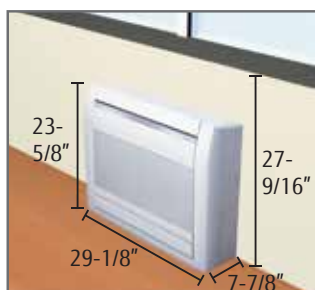
Heating



1. Upon startup, both top and bottom louvers open.
2. Closer to setpoint, only the top louver stays open to help prevent cold drafts from windows.

Flexible and Easy Installation

Beneath standard window



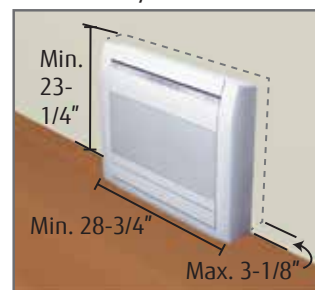
Standard concave installation



Low Wall Mount



Partially concealed*



*Field supplied insulation required

Systems 9RLFF, 12RLFF, 15RLFF

High Heat Systems 9RLFFH, 12RLFFH, 15RLFFH

UP TO 26 SEER2

UP TO 26 SEER2			9RLFF		12RLFF		15RLFF		9RLFFH		12RLFFH		15RLFFH	
Performance									XLTH		XLTH		XLTH	
Rated Cooling		BTU/h	9000		12000		14200		9000		12000		14200	
Min.-Max. Cooling		BTU/h	3,100~13,000		3,100~14,300		3,100~17,700		3,100~13,000		3,100~14,300		3,100~17,700	
Rated Heating		BTU/h	12000		16000		18000		12000		16000		18000	
Min.-Max. Heating		BTU/h	3,100~18,800		3,100~19,500		3,100~20,800		3,100~18,800		3,100~19,500		3,100~20,800	
SEER	SEER2	Btu/hW	26	26	22.7	22.7	20.3	20.3	26	26	22.7	22.7	20.3	20.3
HSPF	HSPF2	Btu/hW	12.6	11.8	11.6	11.2	11.2	10.7	12.4	11.6	11.3	11	11	10.5
EER	EER2	Btu/hW	16	16	13.1	13.1	12.5	12.5	16	16	13.1	13.1	12.5	12.5
Energy Star Rating*			ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME	
Clg. Operating Range		°F (°C)	14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)	
Htg. Operating Range		°F (°C)	-5~75 (-21~24)		-5~75 (-21~24)		-5~75 (-21~24)		-15~75 (-26~24)		-15~75 (-26~24)		-15~75 (-26~24)	
Moisture Removal		Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)		4.4 (2.1)		2.75 (1.3)		3.8 (1.8)		4.44 (2.1)	
Max Htg % of Nominal Capacity at +5°F (-15°C)^			158%		125%		126%		149%		125%		118%	
Max Htg % of Nominal Capacity at -5°F (-21°C)^			140%		111%		117%		130%		111%		107%	
Max Htg % of Nominal Capacity at -15°F (-26°C)^			--		--		--		115%		100%		96%	
Fan (Cooling Mode)														
Air Circulation: Hi		CFM (m3/h)	336 (570)		336 (570)		383 (650)		336 (570)		336 (570)		383 (650)	
Medium		CFM (m3/h)	271 (460)		271 (460)		306 (520)		271 (460)		271 (460)		306 (520)	
Low		CFM (m3/h)	212 (360)		212 (360)		235 (400)		212 (360)		212 (360)		235 (400)	
Quiet		CFM (m3/h)	159 (270)		159 (270)		159 (270)		159 (270)		159 (270)		159 (270)	
Fan Speed Stages			4+Auto		4+Auto		4+Auto		4+Auto		4+Auto		4+Auto	
Sound Levels (Clg/Htg)														
Indoor: Hi		dB(A)	40/40		40/40		44/43		40/40		40/40		44/43	
Medium		dB(A)	35/35		35/35		38/37		35/35		35/35		38/37	
Low		dB(A)	29/29		29/29		31/29		29/29		29/29		31/29	
Quiet		dB(A)	23/23		23/23		23/23		23/23		23/23		23/23	
Outdoor		dB(A)	49/50		53/52		54/54		49/50		53/52		54/54	
Electrical														
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker		Amps	15		15		20		15		15		20	
Current Rated/Max: Clg.		Amps	2.9/9.3		4.2/9.3		5.1/9.8		2.9/10.3		4.2/10.3		5.1/10.8	
Current Rated/Max: Htg.		Amps	4.1/10.8		6.7/10.8		7/13.8		4.1/11.8		6.7/11.8		7/14.8	
Power Use Rated/Max: Clg.		kW	0.56/2.05		0.97/2.05		1.13/2.16		0.56/2.05		0.91/2.05		1.13/2.16	
Power Use Rated/Max: Htg.		kW	0.88/2.62		1.44/2.62		1.58/3.30		0.88/2.62		1.44/2.62		1.58/3.30	
Size & Weight														
Net Weight		lbs. (kg)	31 (14)	84 (38)	31 (14)	84 (38)	31 (14)	86 (39)	31 (14)	86 (39)	31 (14)	86 (39)	31 (14)	88 (40)
Dimensions: Height		Inch	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16
		mm	600	620	600	620	600	620	600	620	600	620	600	620
Width		Inch	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8
		mm	740	790	740	790	740	790	740	790	740	790	740	790
Depth		Inch	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16
		mm	200	290	200	290	200	290	200	290	200	290	200	290
Refrigerant			R410A		R410A		R410A		R410A		R410A		R410A	
Additional Data														
Air Direction: Horizontal			Manual		Manual		Manual		Manual		Manual		Manual	
Vertical			Auto		Auto		Auto		Auto		Auto		Auto	
Air Filter Type			Washable		Washable		Washable		Washable		Washable		Washable	
Min. Lineset Length		Ft (m)	10 (3)		10 (3)		10 (3)		10 (3)		10 (3)		10 (3)	
Max. Lineset Length		Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')	
Max. Vertical Diff.		Ft (m)	49 (15)		49 (15)		49 (15)		49 (15)		49 (15)		49 (15)	
Lineset Size		Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4
^Based on nominal capacity (e.g. 09RLFF based on 9,000 BTU/h) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.			Indoor AGU9RLF	Outdoor AO9RLFF	Indoor AGU12RLF	Outdoor AO12RLFF	Indoor AGU15RLF	Outdoor AO15RLFF	Indoor AGU9RLF	Outdoor AO9RLFFH	Indoor AGU12RLF	Outdoor AO12RLFFH	Indoor AGU15RLF	Outdoor AO15RLFFH

*



9, 12, 18,000 BTU/h Compact Cassette Heat Pumps

AIRSTAGE H-Series

Controller not included. Controls sold separately.



ACUH09-12-18LUAS1



AOUH09LUAS1



AOUH12-18LUAS1

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



- 1 Applies when properly registered AND installed by a Fujitsu AIRSTAGE Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wireless remote control.
- 3 Requires Fujitsu AIRSTAGE's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or

90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.

- 4 Available only with optional wired remote control.
- 5 See page 13 for details.

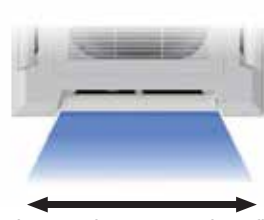
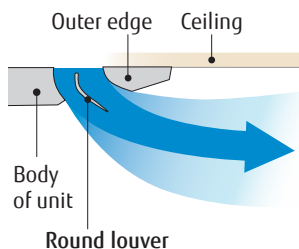
Product Features:

- Manage your comfort anytime and from anywhere using AIRSTAGE Mobile*
- Works with Amazon Alexa and Google Home*
- Compatible with 2-wire wired remote controllers
- Revamped controls platform, featuring 2 communication ports allows, simultaneous connection of wired controller, WIFI adapter, and 3rd party devices (such as field supplied auxiliary heater, humidifier...etc.)
- Service menu through UTY-RNRUZ5 and UTY-RVRU simplifies system and sensor monitoring and troubleshooting
- Extended piping length for 18k systems
- Built-in condensate drain pump

* Wi-Fi module required.

Consistent Airflow Distribution

- The louver design maintains uniform room temperature by evenly spreading air throughout the space.
- Compact and stylish design of the cassette grille fits perfectly into a standard 24" square ceiling grid, without overlapping of adjacent ceiling tiles (Grille sold separately).

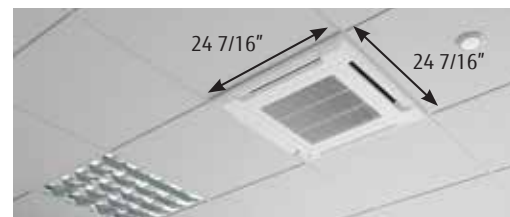


The new design spreads airflow evenly and widely across a space, helping to maintain consistent temperatures.

Flexible Installation

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

- Compact outdoor unit and extended line set lengths add flexibility and simplifies the installation process.
- Washable filter factory provided with grille (UTG-CCGFGA). Sold separately.
- Unique fan design (laminar wing design) provides whisper-quiet operation with sound pressure levels as low as 27dB(A).



Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
Wireless Remote Controller	UTY-LNTU
Wi-Fi Interface Module	UTY-TFSXJ4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway	FJ-AC-485-1
Modbus Converter	UTY-VMSX
External Input and Output PCB.....	UTY-XCSX + UTZ-GXEA
External Connect Kit.....	UTY-XWZXZG
Fresh Air Intake Kit.....	UTZ-VXAA
Air Outlet Shutter Plate	UTR-YDZB
Insulation Kit.....	UTZ-KXGC

Systems 09LUAS1C, 12LUAS1C, 18LUAS1C

UP TO 22.5 SEER2

UP TO 22.5 SEER2		09LUAS1C		12LUAS1C		18LUAS1C		
Performance								
Rated Cooling		BTU/h	9,000		12,000		17,100	
Min.-Max. Cooling		BTU/h	3,100-11,000		3,100-13,600		3,100-20,100	
Rated Heating		BTU/h	12,000		16,000		21,600	
Min.-Max. Heating		BTU/h	3,100-16,000		3,100-19,400		3,100-23,900	
SEER	SEER2	Btu/hW	22.5	23.5	22.1	23	20.8	21.5
HSPF	HSPF2	Btu/hW	12.5	11.8	12.2	11.3	11.6	11.2
EER	EER2	Btu/hW	13.6	13.6	12.8	12.8	12.5	12.5
Energy Star Rating*			ES,ESCC,ESME		ES,ESCC,ESME		ES,ESCC,ESME	
Cooling Operating Range		°F (°C)	14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)	
Heating Operating Range		°F (°C)	-5~75 (-21~24)		-5~75 (-21~24)		-5~75 (-21~24)	
Moisture Removal		Pt./h (l/h)	1.3 (.06)		2.5 (1.2)		4.6 (2.2)	
Fan (Cooling Mode)								
Air Circulation: Hi		CFM (m3/h)	318 (540)		359 (610)		436 (740)	
Medium		CFM (m3/h)	288 (490)		312 (530)		341 (580)	
Low		CFM (m3/h)	259 (440)		277 (470)		288 (490)	
Quiet		CFM (m3/h)	230 (390)		241 (410)		241 (410)	
Fan Speed Stages			4+auto		4+auto		4+auto	
Sound Levels (Clg/Htg)								
Indoor: Hi		dB(A)	33/34		37/37		42/44	
Medium		dB(A)	32/32		33/33		36/40	
Low		dB(A)	29/29		31/31		32/36	
Quiet		dB(A)	28/27		28/28		28/30	
Outdoor		dB(A)	44/48		48/49		52/55	
Electrical								
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker	Amps		15		15		20	
Current Rated/Max: Clg.	Amps		3.3/6.8		4.2/9.8		6.1/11.8	
Current Rated/Max: Htg.	Amps		4.6/9.3		6.4/11.3		8.1/14.8	
Power Use Rated/Max: Clg.	kW		0.66/1.05		0.94/1.79		1.37/2.35	
Power Use Rated/Max: Htg.	kW		0.93/1.72		1.44/1.79		1.81/2.50	
Size & Weight								
Net Weight	lbs. (kg)		33 (15)	71 (32)	33 (15)	84 (38)	33 (15)	86 (39)
Dimensions: Height	Inch		9-5/8	21-5/16	9-5/8	24-7/8	9-5/8	24-7/8
	mm		245	542	245	632	245	632
Width	Inch		22-7/16	31-7/16	22-7/16	31-7/16	22-7/16	31-7/16
	mm		570	799	570	799	570	799
Depth	Inch		22-7/16	11-7/16	22-7/16	11-7/16	22-7/16	11-7/16
	mm		570	290	570	290	570	290
Refrigerant			R410A		R410A		R410A	
Additional Data								
Air Direction: Vertical			Automatic		Automatic		Automatic	
Air Filter Type			Washable		Washable		Washable	
Min. Lineset Length	Ft (m)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length	Ft (m)		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		98 (30) (pre-charge: 66')	
Max. Vertical Diff.	Ft (m)		49 (15)		49 (15)		49 (15)	
Lineset Size	Inch		Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4
			Indoor ACUH09LUAS1	Outdoor AOUH09LUAS1	Indoor ACUH12LUAS1	Outdoor AOUH12LUAS1	Indoor ACUH18LUAS1	Outdoor AOUH18LUAS1

Grille: UTG-CCGFGA		
Dimensions	inch	mm
Height	1-15/16	49
Width	24-7/16	620
Depth	24-7/16	620

*



INFINITE COMFORT SERIES 12, 18, 24, 30, 36, 42, 48,000 BTU/h Medium Static Ducted Heat Pumps

Controller not included. Controls sold separately.



ARUH12LUAS



ARUH18-24-30LUAS

ARUH36LUAS
ARU42-48RGLX

AOUH12LUAS1



AOUH18LUAS1



AOUH24-30-36LUAS1



AOU42-48RGLX



1



5



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

2 42, 48,000 BTU/h systems only

3 Available only with optional wireless remote control.

4 Available only with optional wired remote control.

5 12,000 BTU/h system only

6 18, 24, 30, 36, 42, 48,000 BTU/h systems only.

7 See page 13 for details.

Function

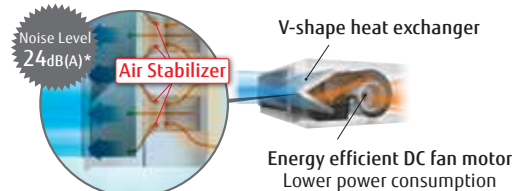
Fujitsu's Medium Static Pressure Duct indoor units use the same energy efficient inverter technology you expect from Fujitsu AIRSTAGE mini-split products, and they have enough static pressure to heat or cool a whole house! SEER2 ratings up to 19.1 and a compact size mean these indoor units can find a place in many applications.

Energy Efficient & Quiet Operation

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



The 12, 18, 24, 30 and 36,000 BTU/h models are Energy Star qualified.



* 12, 18, 24,000 BTU/h models fan speed: Quiet

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
IR Receiver Kit & Remote	UTY-LBTUM
Wi-Fi Interface Module	UTY-TFSXJ4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway	FJ-AC-485-1
Modbus Converter	UTY-VMSX
External Input and Output PCB.....	UTY-XCSX + UTZ-GXNA
Remote Sensor Kit.....	UTY-XSZXZ1
External Connect Kit.....	UTY-XWZXZG

Feature Highlights

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



Systems 12LUAS1R, 18LUAS1R, 24LUAS1R, 30LUAS1R, 36LUAS1R, 42RGLXD, 48RGLXD

UP TO 21.3 SEER2

		12LUAS1R	18LUAS1R	24LUAS1R	30LUAS1R	36LUAS1R	42RGLXD	48RGLXD
Performance								
Rated Cooling	BTU/h	12,000	17,100	24,000	30,000	36,000	42,000	48,000
Min.-Max. Cooling	BTU/h	3,100-13,600	3,100-20,100	5,400-28,000	9,600-35,000	9,600-39,000	17,100-45,000	17,100-50,000
Rated Heating	BTU/h	16,000	21,600	27,000	32,000	38,000	47,000	53,000
Min.-Max. Heating	BTU/h	3,400-19,400	3,100-25,600	5,400-32,000	9,200-38,000	9,200-43,000	18,000-51,000	18,000-55,000
SEER	SEER2	Btu/hW 21.3	19.1	18.6	18.5	18	17.8	17.3
HSPF	HSPF2	Btu/hW 11.7	10.5	10	10	9.8	10.5	9.8
EER	EER2	Btu/hW 13.4	12.5	11.7	11.7	10.4	11.5	10.7
Energy Star Rating*		ES,ESCC,ESME	ES,ESCC,ESME	ES,ESCC,ESME	ESCC	ESCC	--	--
Clg. Operating Range	°F (°C)	14 ~ 115 (-10 ~ 46)	14 to 115 (-10 to 46)	-5 to 115 (-21 to 46)	-5 to 115 (-21 to 46)	-5 to 115 (-21 to 46)	-5 ~ 115 (-21 ~ 46)	-5 ~ 115 (-21 ~ 46)
Htg. Operating Range	°F (°C)	-5 ~ 75 (-21 ~ 24)	-5 to 75 (-21 to 24)	-5 to 75 (-21 to 24)	-5 to 75 (-21 to 24)	-5 to 75 (-21 to 24)	-5 ~ 75 (-21 ~ 24)	-5 ~ 75 (-21 ~ 24)
Moisture Removal	Pt./h (l/h)	1.5 (0.7)	3.4 (1.6)	5.1 (2.4)	6.3 (3.0)	7.6 (3.6)	5.5 (2.6)	8.2 (3.9)
Fan (Cooling Mode)								
Air Circulation: Hi	CFM (m3/h)	500 (850)	618 (1,050)	800 (1,360)	1,001 (1,700)	1,207 (2,050)	1501 (2550)	1501 (2550)
Medium	CFM (m3/h)	400 (680)	494 (840)	636 (1,080)	800 (1,360)	965 (1,640)	1201 (2040)	1201 (2040)
Low	CFM (m3/h)	347 (590)	430 (730)	518 (880)	700 (1,190)	783 (1,330)	971 (1650)	971 (1650)
Quiet	CFM (m3/h)	300 (510)	371 (630)	400 (680)	630 (1,070)	630 (1,070)	842 (1430)	842 (1430)
Fan Speed Stages		4+Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto
Sound Levels (Clg/Htg)								
Indoor: Hi	dB(A)	35/35	31/31	35/35	38/38	37/35	40/40	40/40
Medium	dB(A)	30/30	28/28	30/30	34/34	33/33	35/35	35/35
Low	dB(A)	27/27	25/25	28/28	30/30	30/30	33/33	33/33
Quiet	dB(A)	24/24	24/24	24/24	29/29	26/26	29/29	29/29
Outdoor Clg/Htg	dB(A)	48/49	52/55	52/54	53/55	54/56	55/57	57/59
Electrical								
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	15	20	20	25	25	30	30
Current Rated/Max: Clg.	Amps	4.3/9.8	6.5/11.8	9.1/15.8	12.8/18.3	16.5/19.8	17.2/19.7	21.5/22.2
Current Rated/Max: Htg.	Amps	5.5/11.3	8.5/14.8	9.6/15.8	11.1/18.3	14.2/19.8	16.5/19.7	19.9/20.7
Power Use Rated/Max: Clg.	kW	0.96/1.45	1.46/2.14	2.05/2.89	2.88/3.67	3.75/4.27	3.93/4.47	4.90/5.01
Power Use Rated/Max: Htg.	kW	1.25/ 1.84	1.91/2.75	2.17/3.03	2.51/3.81	3.24/4.12	3.76/4.57	4.54/4.77
Size & Weight								
Net Weight	lbs. (kg)	66 (30)	84 (38)	90 (41)	86 (39)	93 (42)	117 (53)	93 (42)
Dimensions: Height	Inch	11-13/16	24-7/8	11-13/16	24-7/8	11-13/16	31	11-13/16
Width	Inch	27-9/16	31-7/16	39-3/8	31-7/16	39-3/8	37	39-3/8
Depth	Inch	27-9/16	11-7/16	27-9/16	11-7/16	27-9/16	12-5/8	27-9/16
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Additional Data								
Static Pressure	inWG	0.12 to 0.80	0.12 to 0.80	0.12 to 0.80	0.12 to 0.80	0.12 to 0.80	0.12 to 0.80	0.12 to 0.80
Min. Lineset Length	Ft (m)	16(5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)
Max. Lineset Length	Ft (m)	66 (20) (pre-charge 49')	98 (30) Precharge 66'	164 (50) Precharge 66'	164 (50) Precharge 66'	164 (50) Precharge 66'	246 (75) (pre-charge 98')	246 (75) (pre-charge 98')
Max. Vertical Diff.	Ft (m)	49 (15)	49 (15)	98 (30)	98 (30)	98 (30)	98 (30)	98 (30)
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8
		Indoor ARUH12LUAS	Outdoor AOUH12LUAS1	Indoor ARUH18LUAS	Outdoor AOUH18LUAS1	Indoor ARUH24LUAS	Outdoor AOUH24LUAS1	Indoor ARUH30LUAS
								Outdoor AOUH30LUAS1
								Indoor ARUH36LUAS
								Outdoor AOUH36LUAS1
								Indoor ARUH42RGLX
								Outdoor AOUH42RGLX1
								Indoor ARUH48RGLX
								Outdoor AOUH48RGLX1

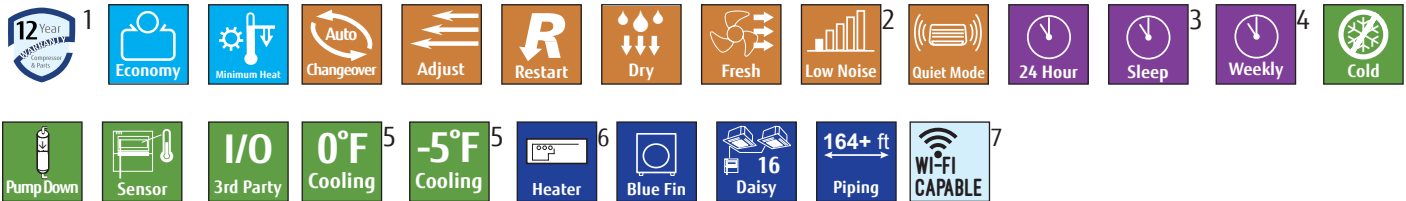
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INFINITE COMFORT SERIES 24, 30, 36, 48,000 BTU/h

Multi-Position Air Handler Units

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



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

2 Does not apply to 24LMA51 & 30LMA51.

3 Available only with optional wireless remote control.

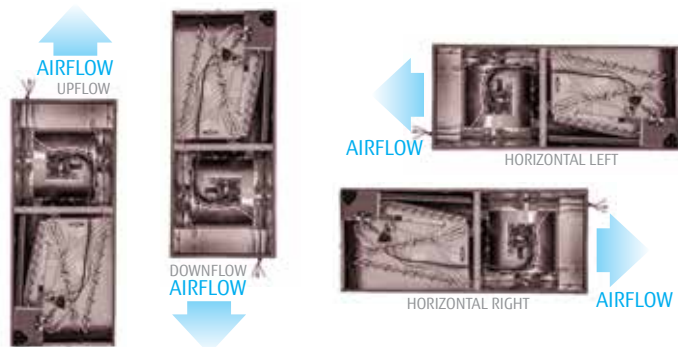
4 Available only with optional wired remote control.

5 Does not apply to systems 36LMA51 & 48LMA51.

6 XLTH models only.

7 See page 13 for details.

System Features



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

Indoor Unit Features

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

The Infinite Comfort Series is Significantly Quieter!

Experience peace and tranquility using cutting-edge technology. Mini Splits offer remarkably quiet operation, ensuring a serene ambiance in any setting.



Outdoor Unit Features

- Fully communicating heat pump with conventional multi-position air handler. Ideal solution for installations with limited space
- Variable speed inverter-driven compressor for optimum system operation and comfort
- Outdoor sound levels as low as 52 dBA
- High efficiency DC motor

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
IR Receiver Kit & Remote	UTY-LBTUM
Wi-Fi Interface Module	UTY-TFSXJ4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway	FJ-AC-485-1
Modbus Converter	UTY-VMSX
External Input and Output PCB.....	UTY-XCSX + UTZ-GXRA
Remote Sensor Kit.....	UTY-XSZXZ1
External Connect Kit.....	UTY-XWZXZG
MP AHU Wire Kit.....	UTY-XWZXZJ
Electric Heater Jumper Bar	RXBJ-A21
External Filter Base	RXHF-21

Systems 24LUAS1M, 30LUAS1M, 36LMAS1, 48LMAS1

High Heat Systems 30LUAH1M, 36LMAH1M, 48LMAH1M

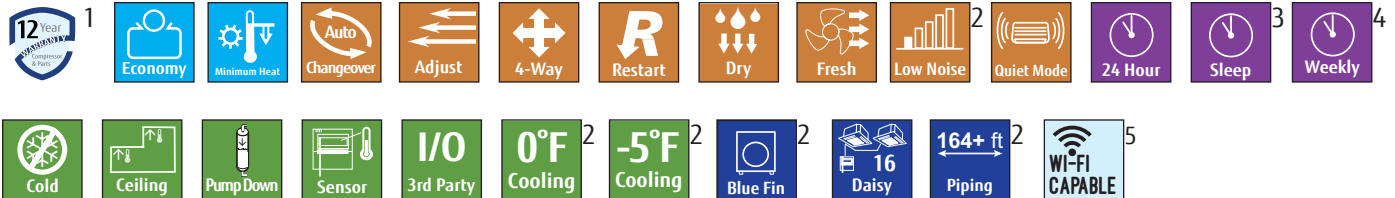
UP TO 19 SEER2

UP TO 19 SEER2			24LUAS1M		30LUAS1M		36LMAS1		48LMAS1		30LUAH1M		36LMAH1M		48LMAH1M	
Performance			XLTH													
Rated Cooling		BTU/h	24,000		30,000		36,000		45,600		28,600		33,000		45,500	
Min.-Max. Cooling		BTU/h	5,400–28,000		9,600–35,000		13,000 - 38,000		13,000 - 48,000		9,600-35,000		13,000-39,000		13,000-50,000	
Rated Heating		BTU/h	27,000		32,000		42,000		53,000		32,000		38,000		51,000	
Min.-Max. Heating		BTU/h	5,400–32,000		9,200–38,000		11,000 - 52,000		11,000 - 54,000		9,200-39,000		15,000-52,000		15,000-55,000	
SEER	SEER2	Btu/hW	--	18.8	--	18.5	18	17.1	17	16.2	19.1	18.8	17.3	17.1	16.3	16.6
HSPF	HSPF2	Btu/hW	--	10	--	9.5	10.2	8.8	10.2	9.2	10.5	9.7	11	10.4	10.2	10
EER	EER2	Btu/hW	--	11.7	--	10	11.3	10.7	8.2	8.2	12	11.7	11.5	11	9.1	8.8
Energy Star Rating*			ES,ESCC,ESME		ESCC		ESCC		--		ES,ESCC,ESME		ESCC,ESME		ESCC	
Clg. Operating Range		°F (°C)	-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)		14 to 115 (-10 to 46)		14 to 115 (-10 to 46)		-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)	
Htg. Operating Range		°F (°C)	-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)		-4 to 75 (-20 to 24)		-4 to 75 (-20 to 24)		-15 to 75 (-26 to 24)		-15 to 75 (-26 to 24)		-15 to 75 (-26 to 24)	
Moisture Removal		Pt./h (l/h)	5.5 (2.6)		8.2 (3.9)		7.2 (3.4)		9.3 (4.4)		6.8 (3.2)		6.6 (3.1)		9.3 (4.4)	
Fan (Cooling Mode)																
Air Circulation: Hi		CFM (m3/h)	800 (1,359)		870 (1,478)		1,200 (2,039)		1,640 (2,786)		870 (1,478)		1,200 (2,039)		1,640 (2,786)	
Medium		CFM (m3/h)	670 (1,138)		730 (1,240)		740 (1,257)		1,020 (1,733)		730 (1,240)		740 (1,257)		1,020 (1,733)	
Low		CFM (m3/h)	590 (1,002)		590 (1,002)		590 (1,002)		820 (1,393)		590 (1,002)		590 (1,002)		820 (1,393)	
Quiet		CFM (m3/h)	310 (527)		310 (527)		490 (833)		590 (1,002)		310 (527)		490 (833)		590 (1,002)	
Fan Speed Stages			4 + Auto		4 + Auto		4+Auto		4+Auto		4+Auto		4+Auto		4+Auto	
Sound Levels (Clg/Htg)																
Indoor: Hi		dB(A)	40/37		42/39		41/40		48/47		42/39		41/40		48/47	
Medium		dB(A)	34/33		37/36		30/35		36/37		37/36		30/35		36/37	
Low		dB(A)	32/31		33/36		27/28		31/32		33/32		27/28		31/32	
Quiet		dB(A)	26/25		28/25		24/26		25/29		28/25		24/26		25/29	
Outdoor		dB(A)	52/54		53/55		53/54		54/55		52/53		52/53		54/54	
Electrical																
Voltage/Frequency/Phase			208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker		Amps	20		25		40		40		35		40		45	
Current Rated/Max: Clg.		Amps	9.1/15.8		13.4/18.3		14.8/32.4		24.4/32.4		11/19.8		13.4/23.9		22.9/28.9	
Current Rated/Max: Htg.		Amps	10.3/15.8		12.5/18.3		17/32.4		23.8/32.4		12.1/26.8		13.2/32.9		18.8/35.9	
Power Use Rated/Max: Clg.		kW	2.05/2.96		3/4.08		3.36/3.52		5.56/5.94		2.44/3.40		3.00/3.66		5.17/6	
Power Use Rated/Max: Htg.		kW	2.31/3.15		2.82/4.21		3.85/5.39		5.43/5.42		2.71/4.17		2.96/4.96		4.22/5.41	
Size & Weight																
Net Weight		lbs. (kg)	104 (47.0)	117 (53)	104 (47.0)	139 (63)	132 (60)	198 (90)	132 (60)	198 (90)	104 (47.0)	187 (85)	132 (60.0)	236 (107)	132 (60.0)	236 (107)
Dimensions: Height		Inch	42-1/2	31	42-1/2	39-5/16	57	39-5/16	57	39-5/16	42-1/2	39-5/16	57	52-1/2	57	52-1/2
		mm	1080	788	1080	998	1448	998	1448	998	1080	998	1448	1334	1448	1334
Width		Inch	21	37	21	37	21	38-3/16	21	38-3/16	21	38-3/16	21	38-3/16	21	38-3/16
		mm	533	940	533	940	533	970	533	970	533	970	533	970	533	970
Depth		Inch	21-11/16	12-5/8	21-11/16	12-5/8	21-11/16	14-9/16	21-11/16	14-9/16	21-11/16	14-9/16	21-11/16	14-9/16	21-11/16	14-9/16
		mm	551	320	551	320	551	370	551	370	551	370	551	370	551	370
Refrigerant			R410A		R410A		R410A		R410A		R410A		R410A		R410A	
Additional Data																
Static Pressure Range		inWG(Pa)	0.08 to 1.00 (20 to 250)		0.08 to 1.00 (20 to 250)		0.08 to 1 (20 to 250)		0.08 to 1 (20 to 250)		0.08-1.0 (20-250)		0.08-1.0 (20-250)		0.08-1.0 (20-250)	
Min. Lineset Length		Ft (m)	16 (5)		16 (5)		16 (5)		16 (5)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length		Ft (m)	164 (50) (pre-charge 66')		164 (50) (pre-charge 66')		230 (70) (pre-charge 98')		230 (70) (pre-charge 98')		246 (75) (pre-charge 98')		246 (75) (pre-charge 98')		246 (75) (pre-charge 98')	
Max. Vertical Diff.		Ft (m)	98 (30)		98 (30)		98 (30)		98 (30)		98 (30)		98 (30)		98 (30)	
Lineset Size		Inch	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
Note: Figures are based on 230 Volts.			Indoor AMUC24LMAS	Outdoor AOUE24LUAS1	Indoor AMUC30LMAS	Outdoor AOUE30LUAS1	Indoor AMUC36LMAS	Outdoor AOUE36LUAS1	Indoor AMUC48LMAS	Outdoor AOUE48LUAS1	Indoor AMUC30LMAH	Outdoor AOUE30LMAH1	Indoor AMUC36LMAH	Outdoor AOUE36LMAH1	Indoor AMUC48LMAH	Outdoor AOUE48LMAH1

Note: Figures are based on 230 Volts.

18, 24, 30, 36,000 BTU/h Ceiling Suspended Heat Pumps

AIRSTAGE H-Series



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

2 Does not apply to 18LUAS1B.

3 Available only with optional wireless remote control.

4 Available only with optional wired remote control.

5 See page 13 for details.

Applications

Introducing the new ceiling suspended 18-36LUAS1B units, the perfect solution for those looking for an efficient and stylish way to control the temperature in their space. These models are designed to be installed on the ceiling, providing optimal air circulation, and satisfying your heating or cooling needs. The sleek and modern design of these models blend seamlessly into any decor, making it a stylish addition to any room with high ceilings up to 14 ft. The ceiling suspended models offer a range of features to ensure maximum comfort, including adjustable airflow and temperature settings, programmable timers, and energy-saving modes. With its quiet operation, you'll hardly notice it's even there.

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
IR Receiver Kit & Remote	UTY-LBTUH
Wi-Fi Interface Module	UTY-TFSXJ4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway	FJ-AC-485-1
Modbus Converter	UTY-VMSX
External Input and Output PCB.....	UTY-XCSX + UTZ-GXEA
External Connect Kit.....	UTY-XWZXZG
Drain Pump Unit	UTZ-PU1EBB



Systems 18LUAS1B, 24LUAS1B, 30LUAS1B, 36LUAS1B

UP TO 22.5 SEER2

UP TO 22.5 SEER2		18LUAS1B		24LUAS1B		30LUAS1B		36LUAS1B	
Performance									
Rated Cooling	BTU/h	18,000		24,000		30,000		36,000	
Min.-Max. Cooling	BTU/h	3,100–20,100		5,400–28,000		9,600–35,000		9,600–39,000	
Rated Heating	BTU/h	21,600		27,000		32,000		38,000	
Min.-Max. Heating	BTU/h	3,100–25,600		5,400–32,000		9,200–38,000		9,200–43,000	
SEER2	Btu/hW	22.5		21.5		20		19.5	
HSPF2	Btu/hW	10.6		10.5		10.5		10	
EER2	Btu/hW	12.5		12.3		10.8		9.6	
Energy Star Rating*		ES,ESCC,ESME		ES,ESCC,ESME		ESCC		ESCC	
Clg. Operating Range	°F (°C)	14 to 115 (-10 to 46)		-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)	
Htg. Operating Range	°F (°C)	-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)	
Moisture Removal	Pt./h (l/h)	4.9 (2.3)		6.1 (2.9)		8.2 (3.9)		7.8 (3.7)	
Fan (Cooling Mode)									
Air Circulation: Hi	CFM (m3/h)	494 (840)		724 (1,230)		824 (1,400)		1,089 (1,850)	
Medium	CFM (m3/h)	465 (790)		583 (990)		659 (1,120)		865 (1,470)	
Low	CFM (m3/h)	418 (710)		506 (860)		577 (980)		765 (1,300)	
Quiet	CFM (m3/h)	383 (650)		412 (700)		471 (800)		618 (1,050)	
Fan Speed Stages		4 + Auto		4 + Auto		4 + Auto		4 + Auto	
Sound Levels (Clg/Htg)									
Indoor: Hi	dB(A)	38/38		41/41		45/45		38/38	
Medium	dB(A)	36/36		36/36		40/40		36/36	
Low	dB(A)	33/33		32/32		35/35		33/33	
Quiet	dB(A)	31/31		29/29		32/32		31/31	
Outdoor	dB(A)	52/55		52/54		53/55		54/56	
Electrical									
Voltage/Frequency/Phase		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker	Amps	20		20		25		25	
Current Rated/Max: Clg.	Amps	6.4/11.8		8.7/15.8		12.3/18.3		16.5/19.8	
Current Rated/Max: Htg.	Amps	8.8/14.8		9/15.8		11/18.3		13/19.8	
Power Use Rated/Max: Clg.	kW	1.44/2.01		1.95/2.82		2.78/3.63		3.75/4.22	
Power Use Rated/Max: Htg.	kW	1.98/2.86		2.04/3.0		2.48/3.83		2.96/4.13	
Size & Weight									
Net Weight	lbs. (kg)	53 (24)	86 (39)	68 (31)	117 (53)	68 (31)	139 (63)	57 (26)	139 (63)
Dimensions: Height	Inch	9-1/4	24-7/8	9-1/4	31	9-1/4	39-5/16	11-5/16	39-5/16
	mm	235	632	235	788	235	998	288	998
Width	Inch	42-1/2	31-7/16	54-3/4	37	54-3/4	37	33 -1/16	37
	mm	1080	799	1390	940	1390	940	840	940
Depth	Inch	27-3/4	11-7/16	27-3/4	12-5/8	27-3/4	12-5/8	33 -1/16	12-5/8
	mm	705	290	705	320	705	320	840	320
Refrigerant		R410A		R410A		R410A		R410A	
Additional Data									
Min. Lineset Length	Ft (m)	16 (5)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length	Ft (m)	98 (30) Precharge 66’		164 (50) Precharge 66’		164 (50) Precharge 66’		164 (50) Precharge 66’	
Max. Vertical Diff.	Ft (m)	49 (15)		98 (30)		98 (30)		98 (30)	
Lineset Size	Inch	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
		Indoor ABUH18LUAS	Outdoor AOUH18LUAS1	Indoor ABUH24LUAS	Outdoor AOUH24LUAS1	Indoor ABUH30LUAS	Outdoor AOUH30LUAS1	Indoor ABUH36LUAS	Outdoor AOUH36LUAS1

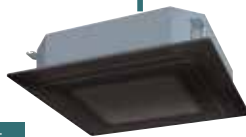
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18, 24, 30, 36, 42, 48,000 BTU/h Large Cassette Circular Flow Heat Pumps

AIRSTAGE **H-Series**

Controller not
included. Controls
sold separately.



AUUH18-24LUAS
with UTG-LCGVCB



AUUH30-36LUAS
AUU42-48RGLX
with UTG-GCGF



AOUH18LUAS1



AOUH24-30-36LUAS1



AOU42-48RGLX



- 1 Applies when properly registered AND installed by a Fujitsu AIRSTAGE Elite Contractor in a residence. See full warranty for details.
2 Available only with optional part UTY-SHZXC.
3 42, 48,000 BTU/h systems only.

- 4 Available only with optional wireless remote control.
5 Available only with optional wired remote control.
6 See page 13 for details.

Better Air Distribution Using 360-Degree Louvers

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



Individual Louver Control

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



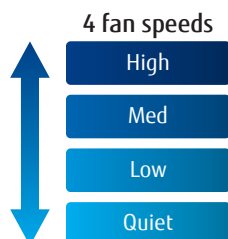
Individual louvers can be programmed separately. Adjust vertical airflow and louver position with UTY-RNRUZ Series Wired Remote Control.



Airflow fan speed can be customized depending on room layout.

Quiet Operation and 4 Fan Speed Control

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



Compatible Remote Controller is as follows:
UTY-RNRUZ-Series / UTY-RSRY / UTY-RHRY / UTY-LBTUC

Smart Device Control (Optional)



Manage your comfort anytime and from anywhere using AIRSTAGE Mobile App.*

Works with Amazon Alexa and Google Home.*

* Wi-Fi module required.



Grilles

NOTE: RGLX Large Cassette grilles are sold separately.

Circular flow cassette grilles come in your choice of either black or white and must be ordered with each cassette.

UTG-LCGVCB



UTG-GCGF

Optional Accessories

Kagami Wired Design Controller.....	UTY-RVRU
Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	UTY-RSRY / UTY-RHRY
IR Receiver Kit & Remote	UTY-LBTUC
Wi-Fi Interface Module	UTY-TFSXJ4
24V Thermostat Interface	UTY-TTRXZ1
External Switch Controller	UTY-TERX
BACnet Gateway	FJ-AC-485-1
Modbus Converter	UTY-VMSX
External Input and Output PCB.....	UTY-XCSX + UTZ-GXRA
Human Sensor Kit	UTY-SHZXC
External Connect Kit.....	UTY-XWZXZG
Fresh Air Intake Kit.....	KHRS940-25
Fresh Air Kit.....	UTZ-VXRA
Air Outlet Shutter Plate	UTR-YDZK
Wide Panel	UTG-AKXA-W
Panel Spacer	UTG-BKXA-W

Systems 18LUAS1U, 24LUAS1U, 30RLUAS1U, 36LUAS1U, 42RGLXC, 48RGLXC

UP TO 22.5 SEER2

UP TO 22.5 SEER2		18LUAS1U		24LUAS1U		30LUAS1U		36LUAS1U		42RGLXC		48RGLXC			
Performance															
Rated Cooling		BTU/h		18,000		24,000		30,000		36,000		42,000		48,000	
Min.-Max. Cooling		BTU/h		3,100–20,100		5,400–28,000		9,600–35,000		9,600–39,000		17,100–45,000		17,100–50,000	
Rated Heating		BTU/h		21,600		27,000		32,000		38,000		47,000		53,000	
Min.-Max. Heating		BTU/h		3,100–25,600		5,400–32,000		9,200–38,000		9,200–43,000		18,000–51,000		18,000–55,000	
SEER SEER2		Btu/hW		--	23.5	--	23	--	21.5	--	20.5	18.5	19	17.8	18.2
HSPF HSPF2		Btu/hW		--	11.2	--	11	--	10.6	--	10.2	9.7	9.8	10.6	9
EER EER2		Btu/hW		--	13	--	12.6	--	11.7	--	10	11.3	11.3	10.1	10.1
Energy Star Rating*				ES, ESCC, ESME		ES, ESCC, ESME		ES, ESCC, ESME		ESCC		--		--	
Clg. Operating Range		°F (°C)		14 to 115 (-10 to 46)		-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)		-5 to 115 (-21 to 46)		-5 - 115 (-21 - 46)		-5 - 115 (-21 - 46)	
Htg. Operating Range		°F (°C)		-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)		-5 to 75 (-21 to 24)		-5 - 75 (-21 - 24)		-5 - 75 (-21 - 24)	
Moisture Removal		Pt./h (l/h)		3.6 (1.7)		6.1 (2.9)		6.3 (3.0)		7.8 (3.7)		9.3 (4.4)		10.6 (5.0)	
Fan (Cooling Mode)															
Air Circulation: Hi		CFM (m3/h)		618 (1,050)		677 (1,150)		942 (1,600)		1,118 (1,900)		1,177 (2,000)		1,236 (2,100)	
Medium		CFM (m3/h)		565 (960)		618 (1,050)		848 (1,440)		942 (1,600)		971 (1,650)		1,048 (1,780)	
Low		CFM (m3/h)		530 (900)		577 (980)		771 (1,310)		848 (1,440)		859 (1,460)		942 (1,600)	
Quiet		CFM (m3/h)		459 (780)		512 (870)		677 (1,150)		695 (1,180)		765 (1,300)		777 (1,320)	
Fan Speed Stages				4 + Auto		4 + Auto		4 + Auto		4 + Auto		4 + Auto		4 + Auto	
Sound Levels (Clg/Htg)															
Indoor: Hi		dB(A)		34/34		36/36		40/40		45/45		46/46		47/47	
Medium		dB(A)		32/32		34/34		38/38		41/41		42/42		43/43	
Low		dB(A)		31/31		33/33		36/36		38/38		39/39		40/40	
Quiet		dB(A)		28/28		30/30		33/33		34/34		35/35		36/36	
Outdoor		dB(A)		52/55		52/54		53/55		54/56		55/57		57/59	
Electrical															
Voltage/Frequency/Phase				208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker		Amps		20		20		25		25		30		30	
Current Rated/Max: Clg.		Amps		6.1/11.8		8.4/15.8		11.3/18.3		15.8/19.8		16.7/19.7		20.9/22.2	
Current Rated/Max: Htg.		Amps		7.8/14.8		9.2/15.8		10.4/18.3		13/19.8		16.8/19.7		19.7/20.7	
Power Use Rated/Max: Clg.		kW		1.38/1.94		1.9/2.82		2.56/3.69		3.6/4.28		3.72/4.35		4.75/4.91	
Power Use Rated/Max: Htg.		kW		1.76/2.7		2.08/2.9		2.36/3.61		2.96/3.97		3.74/4.39		4.49/4.67	
Size & Weight															
Net Weight		lbs. (kg)		53 (24) 86 (39)		53 (24) 117 (53)		57 (26) 139 (63)		57 (26) 139 (63)		64 (29) 209 (95)		64 (29) 209 (95)	
Dimensions: Height		Inch		9-11/16 24-7/8		9-11/16 31		11-5/16 39-5/16		11-5/16 39-5/16		11-5/16 50-13/16		11-5/16 50-13/16	
		mm		246 632		246 788		288 998		288 998		288 1290		288 1290	
Width		Inch		33 -1/16 31-7/16		33 -1/16 37		33 -1/16 37		33 -1/16 37		33 -1/16 35 -7/16		33 -1/16 35 -7/16	
		mm		840 799		840 940		840 940		840 940		840 900		840 900	
Depth		Inch		33 -1/16 11-7/16		33 -1/16 12-5/8		33 -1/16 12-5/8		33 -1/16 12-5/8		33 -1/16 13		33 -1/16 13	
		mm		840 290		840 320		840 320		840 320		840 330		840 330	
Refrigerant				R410A		R410A		R410A		R410A		R410A		R410A	
Additional Data															
White Grille (UTG-GCGF) or Black Grille (UTG-LCGVCB) Sold Separately															
Min. Lineset Length		Ft (m)		16 (5)		16 (5)		16 (5)		16 (5)		16 (5)		16 (5)	
Max. Lineset Length		Ft (m)		98 (30) Precharge 66'		164 (50) Precharge 66'		164 (50) Precharge 66'		164 (50) Precharge 66'		246 (75) Precharge 98'		246 (75) Precharge 98'	
Max. Vertical Diff.		Ft (m)		49 (15)		98 (30)		98 (30)		98 (30)		98 (30)		98 (30)	
Lineset Size		Inch		Gas 1/2 Liq. 1/4		Gas 5/8 Liq. 3/8		Gas 5/8 Liq. 3/8		Gas 5/8 Liq. 3/8		Gas 5/8 Liq. 3/8		Gas 5/8 Liq. 3/8	
		Indoor AUUH18LUAS Outdoor AOUE18LUAS1		Indoor AUUH24LUAS Outdoor AOUE24LUAS1		Indoor AUUH30LUAS Outdoor AOUE30LUAS1		Indoor AUUH36LUAS Outdoor AOUE36LUAS1		Indoor AUUH42RGLX Outdoor AOUE42RGLX		Indoor AUUH48RGLX Outdoor AOUE48RGLX			

*



Multi-Zone Mini-Split Systems

- Operate as few as one indoor unit or all indoor units
- Choose from 4 indoor unit styles - wall mount, slim duct, compact cassette, and floor mount
- Many combinations are ENERGY STAR® qualified
- Create hundreds of combinations based on indoor type and BTU/h
- Connect 2 to 5 indoor units, depending on model
- Connect 14,000 to 54,000 BTU/h

Multi-Zone Extra Low Temperature Heating

XLTH

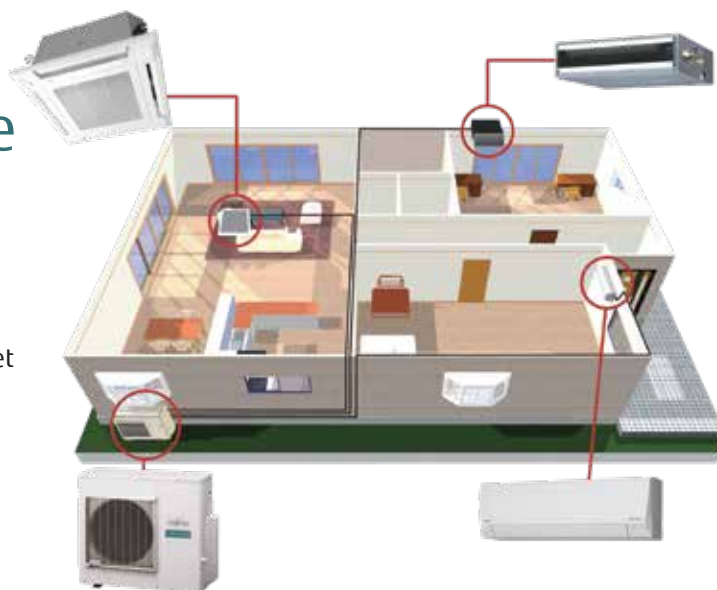
18, 24, 36,000 BTU/h

- 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



Year-Round, Whole Home or Business Comfort

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



Multi-Zone and **XLTH** Series Systems

18, 24, 36, and 45,000 BTU/h

AOU18RLXFZ

AOU24RLXFZ

AOU36RLXFZ1

AOU45RLXFZ

AOU18RLXFZH

AOU24RLXFZH

AOU36RLXFZH

ConnectAble Capacity

This allows connectable indoor units' total capacity to exceed outdoor unit capacity. See Allowable Combination Table on page 62.

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

For Example

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



Mix-and-Match Flexibility

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

MULTI-ZONE OUTDOOR UNITS

			
AOU18RLXFZ	AOU24RLXFZ	AOU36RLXFZ1	AOU45RLXFZ
			
AOU18RLXFZH	AOU24RLXFZH	AOU36RLXFZH	
XLTH	XLTH	XLTH	

WALL MOUNTS

ASUH07, 09, 12LPAS



ASUH15LPAS



ASUH18LPAS



ASUH24LPAS



FLOOR MOUNTS

AGU9, 12RLF



AGU15RLF



SLIM DUCTS

ADUH07, 09, 12LUAS1



ADUH18LUAS1



ADUH24LUAS1



COMPACT CASSETTES

ACUH07, 09, 12LUAS1



ACUH18LUAS1



MULTI-ZONE INDOOR UNITS

Individual Zoning: Personalized Whole Home Comfort

Wall Mounted

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

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



Slim Duct

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

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

Compact Cassette

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

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



Floor Mounted

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

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

7, 9, 12, 15, 18, 24,000 BTU/h Wall Mount

Multi-Zone Indoor

AIRSTAGE H-Series



Handheld remote control included with indoor unit



ASUH07-09-12-15LPAS



ASUH18-24LPAS



1



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



Built In Filtration

LONG-LIFE ION DEODORIZATION FILTER



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

APPLE-CATECHIN FILTER



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

ASUH07LPAS, ASUH09LPAS, ASUH12LPAS, ASUH15LPAS, ASUH18LPAS, ASUH24LPAS

		ASUH07LPAS	ASUH09LPAS	ASUH12LPAS	ASUH15LPAS	ASUH18LPAS	ASUH24LPAS
Performance							
Rated Cooling	BTU/h	7,000	9,000	12,000	14,000	18,000	24,000
Rated Heating	BTU/h	7,500	9,600	12,800	16,000	19,200	25,600
Fan (Cooling Mode)							
Air Circulation: Hi	CFM (m3/h)	383 (650)	412 (700)	412 (700)	453 (770)	530 (900)	642 (1,090)
Medium	CFM (m3/h)	318 (540)	330 (560)	330 (560)	353 (600)	471 (800)	530 (900)
Low	CFM (m3/h)	253 (430)	253 (430)	253 (430)	265 (450)	377 (640)	471 (800)
Quiet	CFM (m3/h)	188 (320)	188 (320)	182 (310)	182 (310)	241 (410)	306 (520)
Fan Speed Stages		4+Auto	4+Auto	4+Auto	4+Auto	4+Auto	4+Auto
Sound							
Indoor Level (Clg/Htg): Hi	dB(A)	38/41	40/42	40/42	43/44	44/43	49/47
Medium	dB(A)	33/35	34/36	35/38	36/39	42/39	44/43
Low	dB(A)	29/31	29/31	30/33	30/33	37/34	42/37
Quiet	dB(A)	21/22	21/22	21/22	21/24	26/28	31/32
Electrical							
Voltage/Frequency/Phase		208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz
Current Rated/Max: Cooling	Amps	0.18/ 0.23	0.20/ 0.25	0.24/ 0.3	0.35/ 0.44	0.32/ 0.40	0.46/ 0.58
Current Rated/Max: Heating	Amps	0.18/ 0.23	0.20/ 0.25	0.24/ 0.3	0.35/ 0.44	0.32/ 0.40	0.46/ 0.58
Input Power	W	18	22	26	42	34	55
Size & Weight							
Net Weight	lbs. (kg)	21 (9.5)	21 (9.5)	22 (10.0)	22 (10.0)	29 (13)	29 (13)
Dimensions: Height	Inch	10-5/8	10-5/8	10-5/8	10-5/8	11	11
	mm	270	270	270	270	280	280
Width	Inch	32-13/16	32-13/16	32-13/16	32-13/16	38-9/16	38-9/16
	mm	834	834	834	834	980	980
Depth	Inch	8-3/4	8-3/4	8-3/4	8-3/4	9-7/16	9-7/16
	mm	222	222	222	222	240	240
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Additional Data							
Air Direction: Horizontal		Manual	Manual	Manual	Manual	Manual	Manual
Air Direction: Vertical		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter Type		Washable	Washable	Washable	Washable	Washable	Washable
Ion Deodorizing Filter		Disposable	Disposable	Disposable	Disposable	Disposable	Disposable
Apple-Catechin Filter		Disposable	Disposable	Disposable	Disposable	Disposable	Disposable
Lineset Size	Inch	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 1/2 Liq. 1/4	Gas 1/2 Liq. 1/4	Gas 5/8* Liq. 1/4

*Use the attached adapter to change the pipe size from Ø1/2 in (Ø12.7 mm) to Ø5/8 in (Ø15.88 mm)

7, 9, 12, 18, 24,000 BTU/h Slim Duct

Multi-Zone Indoor

AIRSTAGE H-Series

Controller not included. Controls sold separately.



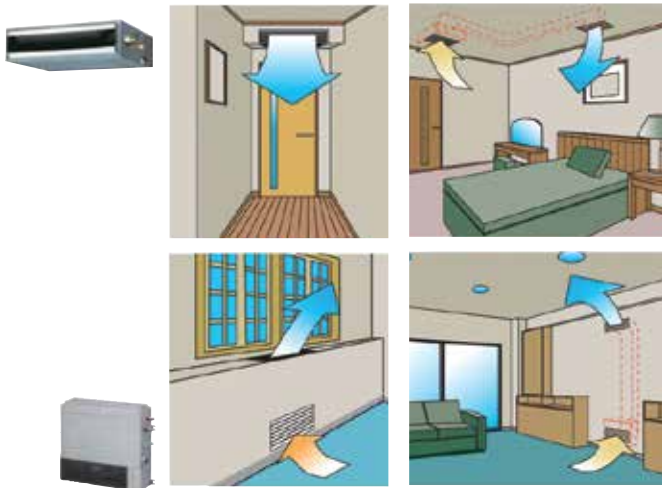
ADUH0-09-12-18-247LUAS1



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

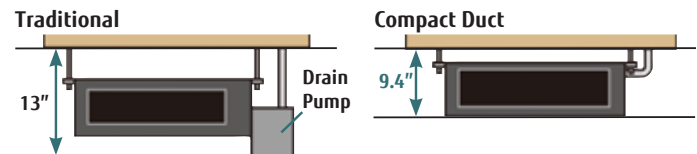
Flexible Installation

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



Slim Duct

Excellent to use when ceiling cavity is small and there is no slope for drain.



Field Supplied Filters

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

	ADUH07LUAS1	ADUH09LUAS1	ADUH12LUAS1	ADUH18LUAS1	ADUH24LUAS1
CFM	323	353	383	554	785
Typical Filter Size	12 x 20	12 x 20	12 x 20	14 x 25	18 x 30
Velocity, FPM	194	212	230	228	209
Unit External SP, in. W.C.	0.36	0.36	0.36	0.36	0.20
1" Fiberglass Filter					
*SP Loss, in. W.C.	0.04	0.04	0.05	0.04	0.04
^Available Static Pressure	0.32	0.32	0.31	0.32	0.16
1" MERV 8 Pleated Filter					
*SP Loss, in. W.C.	0.10	0.12	0.14	0.14	0.12
^Available Static Pressure	0.26	0.24	0.22	0.22	0.08
2" MERV 8 Pleated Filter					
*SP Loss, in. W.C.	0.06	0.07	0.08	0.08	0.07
^Available Static Pressure	0.30	0.29	0.28	0.28	0.13

*Typical filter pressure drop.

^Available Static Pressure factors in filter pressure loss only.

ADUH07LUAS1, ADUH09LUAS1, ADUH12LUAS1, ADUH18LUAS1, ADUH24LUAS1

		ADUH07LUAS1	ADUH09LUAS1	ADUH12LUAS1	ADUH18LUAS1	ADUH24LUAS1
Performance						
Rated Cooling	BTU/h	7,000	9,000	12,000	18,000	24,000
Rated Heating	BTU/h	7,500	9,600	12,800	19,200	25,600
Fan (Cooling Mode)						
Air Circulation: Hi	CFM (m3/h)	324 (550)	353 (600)	382 (650)	553 (940)	783 (1330)
Medium	CFM (m3/h)	288 (490)	324 (550)	353 (600)	518 (880)	730 (1240)
Low	CFM (m3/h)	277 (470)	294 (500)	324 (550)	483 (820)	647 (1100)
Quiet	CFM (m3/h)	259 (440)	265 (450)	283 (480)	441 (750)	606 (1030)
Fan Speed Stages		4 + Auto	4+auto	4+auto	4+auto	4 + Auto
Sound						
Indoor Level (Clg/Htg): Hi	dB(A)	28/28	28/28	29/29	32/33	33/35
Medium	dB(A)	26/26	27/26	28/28	31/32	32/34
Low	dB(A)	25/25	26/25	27/27	30/31	30/32
Quiet	dB(A)	24/24	25/24	26/24	29/29	29/29
Electrical						
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Static Pressure	W.C	0 to 0.36	0 to 0.36	0 to 0.36	0 to 0.36	0 to 0.2
Current Rated/Max: Cooling	Amps	0.3/0.38	0.3/0.38	0.35/0.44	0.44/0.55	0.66/0.83
Current Rated/Max: Heating	Amps	0.3/0.38	0.3/0.38	0.35/0.44	0.44/0.55	0.66/0.83
Input Power	W	33	49	58	73	111
Size & Weight						
Net Weight	lbs. (kg)	35 (16)	37 (17)	37 (17)	44 (20)	53 (24)
Dimensions: Height	Inch	7-13/16	7-13/16	7-13/16	7-13/16	7-13/16
	mm	198	198	198	198	198
Width	Inch	27-9/16	27-9/16	27-9/16	35-7/16	43-5/16
	mm	700	700	700	900	1100
Depth	Inch	24-7/16	24-7/16	24-7/16	24-7/16	24-7/16
	mm	620	620	620	620	620
Supply Duct Flange	Inch	5-15/16	5-15/16	5-15/16	5-15/16	5-15/16
Dimensions: Height	mm	151	151	151	151	151
	Inch	25-9/16	25-9/16	25-9/16	33-7/16	41-11/32
Width	mm	650	650	650	850	1050
	Inch	3/4	3/4	3/4	3/4	3/4
Depth	mm	19	19	19	19	19
	Inch	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
Return Duct Dimensions: Height	mm	175	175	175	175	175
	Inch	22-5/8	22-5/8	22-5/8	30-1/2	37-3/4
Width	mm	575	575	575	775	959
	Inch	3/4 Flat	3/4 Flat	3/4 Flat	3/4 Flat	3/4 Flat
Depth	mm	19 Flat	19 Flat	19 Flat	19 Flat	19 Flat
	Inch	3/4 Flat	3/4 Flat	3/4 Flat	3/4 Flat	3/4 Flat
Refrigerant		R410A	R410A	R410A	R410A	R410A
Additional Data						
Air Filter Type		Washable		Washable		Washable
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 5/8

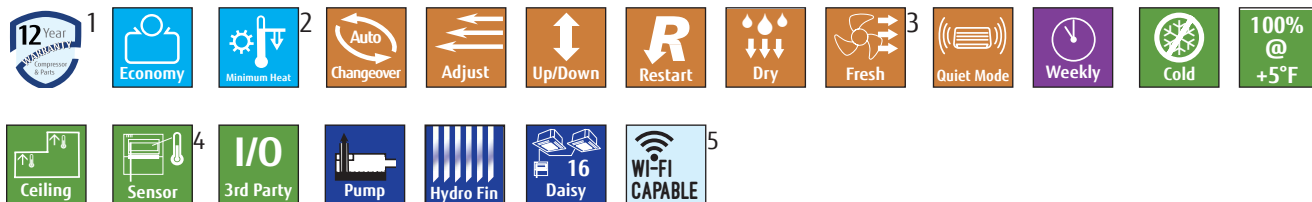
7, 9, 12, 18,000 BTU/h Compact Cassettes

Multi-Zone Indoor

AIRSTAGE H-Series

Controller not included. Controls sold separately.

ACUH07-09-12-18LUAS1

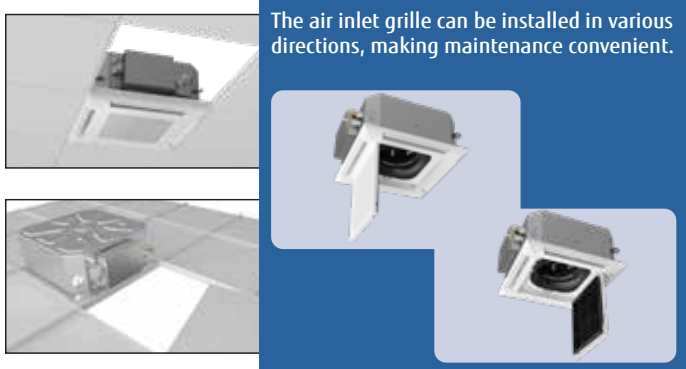


- 1 Applies when properly registered AND installed by a Fujitsu AIRSTAGE Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wireless remote control.
- 3 Requires Fujitsu's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add

- hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.
- 4 Available only with optional wired remote control.
- 5 See page 13 for details.

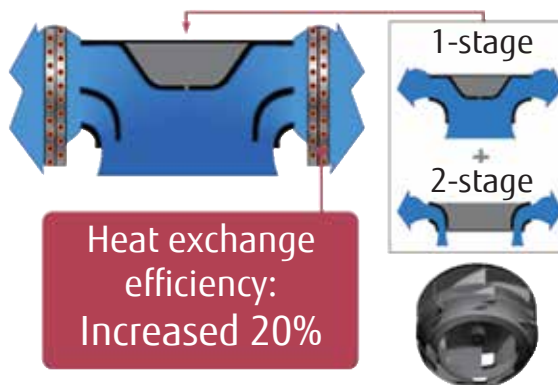
Easy Maintenance

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



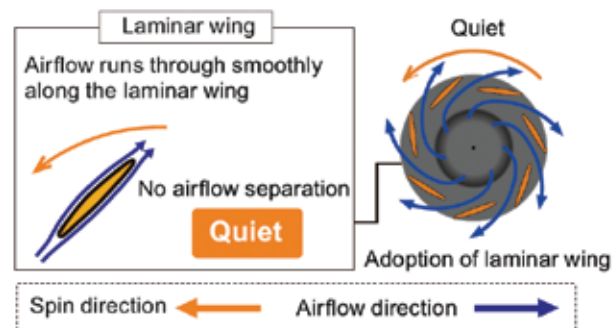
2-Stage Efficient Fan

Air distribution is evenly spread across the heat exchanger by the 2 stage 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 27dB.



Optional Accessory



Fresh Air Kit

UTZ-VXAA

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

ACUH07LUAS1, ACUH09LUAS1, ACUH12LUAS1, ACUH18LUAS1

		ACUH07LUAS1	ACUH09LUAS1	ACUH12LUAS1	ACUH18LUAS1
Performance					
Rated Cooling	BTU/h	7,000	9,000	12,000	18,000
Rated Heating	BTU/h	7,500	9,600	12,800	19,200
Fan (Cooling Mode)					
Air Circulation: Hi	CFM (m3/h)	318 (540)	318 (540)	359 (610)	441 (750)
Medium	CFM (m3/h)	288 (490)	288 (490)	312 (530)	359 (610)
Low	CFM (m3/h)	259 (440)	259 (440)	277 (470)	306 (520)
Quiet	CFM (m3/h)	230 (390)	230 (390)	241 (410)	241 (410)
Fan Speed Stages		4+auto	4+auto	4+auto	4+auto
Sound					
Indoor Level (Clg/Htg): Hi	dB(A)	33/34	33/34	37/37	42/44
Medium	dB(A)	31/32	31/32	33/33	37/40
Low	dB(A)	29/29	29/29	31/31	33/37
Quiet	dB(A)	27/27	27/27	28/28	29/30
Electrical					
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Current Rated/Max: Cooling	Amps	0.15/0.19	0.15/0.19	0.19/0.24	0.30/0.38
Current Rated/Max: Heating	Amps	0.15/0.19	0.15/0.19	0.19/0.24	0.30/0.38
Input Power	W	18	18	23	39
Size & Weight					
Net Weight	lbs. (kg)	33 (15)	33 (15)	33 (15)	33 (15)
Dimensions: Height	Inch	9-5/8	9-5/8	9-5/8	9-5/8
	mm	245	245	245	245
Width	Inch	22-7/16	22-7/16	22-7/16	22-7/16
	mm	570	570	570	570
Depth	Inch	22-7/16	22-7/16	22-7/16	22-7/16
	mm	570	570	570	570
Refrigerant		R410A	R410A	R410A	R410A
Additional Data					
Air Direction: Vertical		Automatic	Automatic	Automatic	Automatic
Air Filter Type		Washable	Washable	Washable	Washable
Front Grille:		UTG-CCGFGA*			
Grille Dim: Height	Inch (mm)	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)
Width	Inch (mm)	24-7/16 (620)	24-7/16 (620)	24-7/16 (620)	24-7/16 (620)
Depth	Inch (mm)	24-7/16 (620)	24-7/16 (620)	24-7/16 (620)	24-7/16 (620)
Lineset Size	Inch	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 1/2 Liq. 1/4

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

9, 12, 15,000 BTU/h Floor Mount

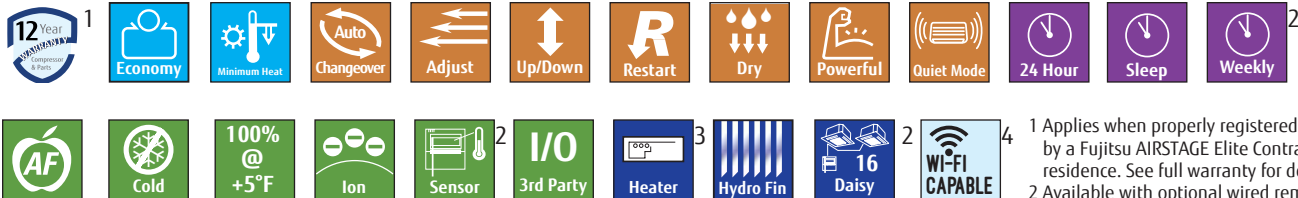
Multi-Zone Indoor

AIRSTAGE H-Series

Handheld remote control included with indoor unit



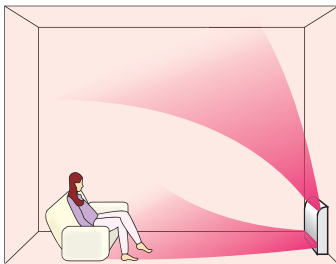
AGU9-12-15RLF



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

2-Fan and Wide Airflow

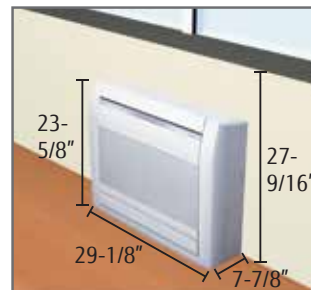
Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in "Upward Airflow Only" when occupants wish not to have feet warmed or cooled.



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

Flexible and Easy Installation

Beneath standard window



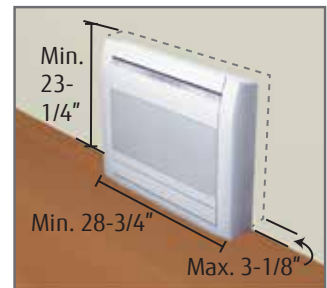
Wall



Standard concave installation



Half concealed*



*Field supplied insulation required



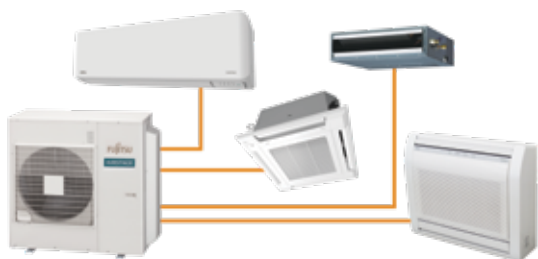
AGU9RLF, AGU12RLF, AGU15RLF

		AGU9RLF	AGU12RLF	AGU15RLF
Performance				
Rated Cooling	BTU/h	9,000	12,000	14,000
Rated Heating	BTU/h	9,600	12,800	16,000
Fan (Cooling Mode)				
Air Circulation: Hi	CFM (m3/h)	312 (530)	353 (600)	383 (650)
Medium	CFM (m3/h)	259 (440)	288 (490)	306 (520)
Low	CFM (m3/h)	212 (360)	224 (380)	235 (400)
Quiet	CFM (m3/h)	159 (270)	159 (270)	159 (270)
Fan Speed Stages		4+Auto	4+Auto	4+Auto
Sound				
Indoor Level (Clg/Htg): Hi	dB(A)	39/39	42/42	44/44
Medium	dB(A)	34/35	36/38	38/39
Low	dB(A)	28/30	30/32	31/33
Quiet	dB(A)	22/22	22/22	22/22
Electrical				
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1
Current Rated/Max: Cooling	Amps	0.15/0.33	0.18/0.33	0.2/0.38
Current Rated/Max: Heating	Amps	0.15/0.33	0.18/0.33	0.2/0.38
Input Power	W	16	20	23
Size & Weight				
Net Weight	lbs. (kg)	31 (14)	31 (14)	31 (14)
Dimensions: Height	Inch	23-5/8	23-5/8	23-5/8
	mm	600	600	600
Width	Inch	29-1/8	29-1/8	29-1/8
	mm	740	740	740
Depth	Inch	7-7/8	7-7/8	7-7/8
	mm	200	200	200
Refrigerant		R410A	R410A	R410A
Additional Data				
Air Direction: Horizontal		Manual	Manual	Manual
Air Direction: Vertical		Auto	Auto	Auto
Apple Catechin Filter		Washable	Washable	Washable
Ion Deodorizing Filter		Yes	Yes	Yes
Connection Method		Yes	Yes	Yes
Lineset Size	Inch	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 1/2 Liq. 1/4



18, 24, 36, 45,000 BTU/h Multi-Zone Outdoor Units

AIRSTAGE H-Series



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.

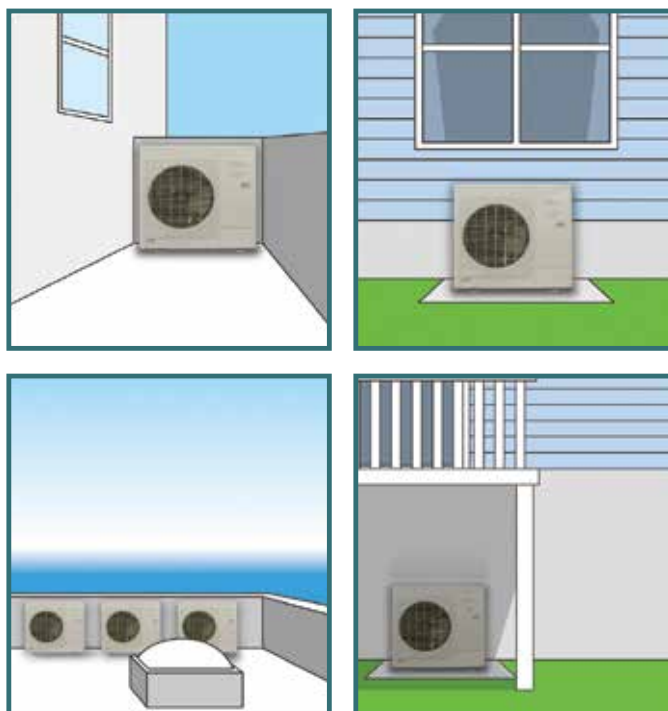
DC Twin Rotary Compressor

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



Compact Size

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



Multi-zone Efficiency

Model	Type	SEER2	HSPF2	EER2	COP2	Energy Star Rating*
AOU18RLXFZ	Non Ducted	18	8.7	12.5	3.44	ES
	Ducted	16.3	8.7	12.1	3.52	ES
	Mixed	17.15	8.7	12.3	3.48	--
AOU24RLXFZ	Non Ducted	18.5	8.8	12.5	4.04	ES
	Ducted	16	8.5	10.6	3.42	ES, ESME
	Mixed	17.25	8.6	11.55	3.79	--
AOU36RLXFZ1	Non Ducted	19	9	10	3.56	--
	Ducted	17	8.2	9	3.32	--
	Mixed	18	8.6	9.5	3.44	--
AOU45RLXFZ	Non Ducted	20	9.2	10.5	3.6	--
	Ducted	18.2	8.3	9.8	3.46	--
	Mixed	19.1	8.8	10.3	3.53	--

Energy Star Rated Combination

Service valves

AOU18RLXFZ / AOU24RLXFZ / AOU36RLXFZ1

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

BENEFITS:

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

The AOU45RLXFZ does not have this feature.

*



AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ1, AOU45RLXFZ

		AOU18RLXFZ ASU9 + ASU9	AOU24RLXFZ ASU9 + ASU7 + ASU7	AOU36RLXFZ1 ASU9 x 4	AOU45RLXFZ ASU9 x 5
Performance					
Connectable Indoor Units		2	2 to 3	2* to 4	2 to 5
Connectable Unit Capacity Class	BTU/h	14,000 to 21,000	14,000 to 27,000	27,000 to 39,000	34,000 to 54,000
Rated Capacity Cooling / Heating	BTU/h	18,000 / 22,000	22,000 / 24,000	35,200 / 36,400	45,000 / 48,000
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)
Electrical					
Rated Input Power Clg/Htg	kW	1.44/1.87	1.76/1.73	3.52/3.00	4.28/3.88
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Maximum Total Current	Amps	10.0	13.7	20.3	23.8
Minimum Circuit Ampacity	Amps	13.0	17.0	24.6	28.9
Maximum Circuit Breaker	Amps	15	20	30	30
Fan: Type x Quantity		Propeller x 1	Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling	dB(A)	49	51	53	53
Sound Pressure Level Heating	dB(A)	49	52	55	55
Lineset Requirements					
Minimum Lineset Length Each	ft(m)	16 (5)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length Each	ft(m)	82 (25)	82 (25)	82 (25)	82 (25)
Minimum Lineset Length Total	ft(m)	49 (15)	49 (15)	66 (20)	49 (15)
Maximum Lineset Length Total	ft(m)	164 (50)	164 (50)	230 (70)	262 (80)
Pre-Charge Length Total	ft(m)	98 (30)	98 (30)	164 (50)*	164 (50)
Max. Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit	ft(m)	49 (15)	49 (15)	49 (15)	49 (15)
Max. Lineset Height Difference Btwn Indoor Units	ft(m)	33 (10)	33 (10)	33 (10)	33 (10)
Lineset Diameter	Inch	Liq. 1/4 x 2 Gas 3/8 x 2	Liq. 1/4 x 3 Gas 1/2 x 1, 3/8 x 2	Liq. 1/4 x 4 Gas 1/2 x 1, 3/8 x 3	Liq. 1/4 x 5 Gas 1/2 x 2, 3/8 x 3
Size & Weight					
Net Weight	lbs. (kg)	119 (54)	124 (56)	150 (68)	205 (93)
Dimensions: Height	Inch	27-9/16	27-9/16	32-11/16	39-5/16
	mm	700	700	830	998
Width	Inch	35-7/16	35-7/16	35-7/16	38-3/16
	mm	900	900	900	970
Depth	Inch	13	13	13	14-9/16
	mm	330	330	330	370
Refrigerant		R410A	R410A	R410A	R410A

* When AOU36RLXFZ1 is paired with two 18,000-Btu indoor units, you have to purchase optional part K9FZ1818 (UTP-MU36A2) kit. [Its pre-charge length is 66 ft (20 m)].

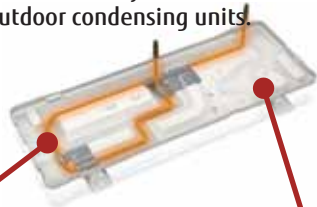
18, 24, 36,000 BTU/h XLTH Multi-Zone Outdoor Units

AIRSTAGE H-Series XLTH

Ambient Heating Temperature Down To -15°F

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

The base of Fujitsu AIRSTAGE's XLTH outdoor condensing units.



Base Heater

When temperatures reach 36°F, a built-in heater turns on so that any condensation doesn't freeze. Without a heater, freezing condensate can cause noise, damage to the outdoor unit and decrease system performance.

Base Drainage Holes

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



XLTH

AOU18-24RLXFZH

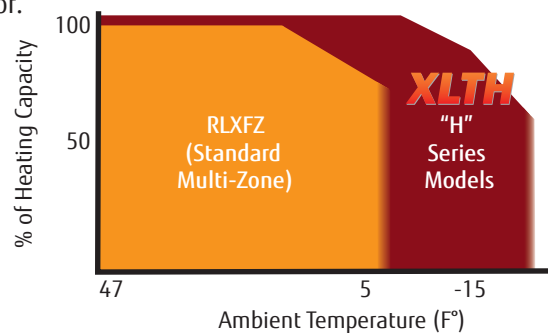


XLTH

AOU36RLXFZH

Improved Heating Capacity

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



Multi-Zone Efficiency

Model	Type	SEER2	HSPF2	EER2	COP2	Energy Star Rating*
AOU18RLXFZH	Non Ducted	21.5	9.6	13.5	3.8	ES, ESCC, ESME
	Ducted	19	9	12.4	3.6	ES, ESCC, ESME
	Mixed	20.25	9.3	13	3.7	--
AOU24RLXFZH	Non Ducted	20	10	13.3	4.04	ES, ESCC, ESME
	Ducted	17.8	9.2	12.1	3.88	ES, ESCC, ESME
	Mixed	18.9	9.6	12.7	3.96	--
AOU36RLXFZH	Non Ducted	20.5	9.5	13	4	ES, ESCC, ESME
	Ducted	18	8.7	12	3.88	ES, ESCC, ESME
	Mixed	19.3	9.1	12.5	3.94	--

Energy Star Rated Combination

Service Valves

AOU18RLXFZH / AOU24RLXFZH

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

BENEFITS:

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

The AOU36RLXFZH does not have this feature.

*



HIGH-HEAT AOU18RLXFZH, AOU24RLXFZH, AOU36RLXFZH

		AOU18RLXFZH	AOU24RLXFZH	AOU36RLXFZH
		ASU9 + ASU9	ASU9+ASU7+ASU7	ASU9 x 4
Performance		XLTH	XLTH	XLTH
Connectable Indoor Units		2	2 to 3	2 to 4
Connectable Unit Capacity Class	BTU/h	14,000 to 21,000	14,000 to 27,000	27,000 to 39,000
Rated Capacity Cooling / Heating	BTU/h	18,000/22,000	22,000/25,000	35,200/36,400
Cooling Operating Range	°F (°C)	14 to 115 (-10 to 46)	14~115 (-10~46)	14~ 115 (-10~46)
Heating Operating Range	°F (°C)	-15 to 75 (-26 to 24)	-15~75 (-26~24)	-15~75 (-26~24)
Electrical				
Rated Input Power Clg/Htg	kW	1.33/1.70	1.65/1.81	2.70/2.67
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1
Maximum Total Current	Amps	16.4	20.8	26.0
Minimum Circuit Ampacity	Amps	19.7	25.1	31.5
Maximum Circuit Breaker	Amps	20	30	40
Fan: Type x Quantity		Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling	dB(A)	48	50	53
Sound Pressure Level Heating	dB(A)	50	52	55
Lineset Requirements				
Minimum Lineset Length Each	ft(m)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length Each	ft(m)	82 (25)	82 (25)	82 (25)
Minimum Lineset Length Total	ft(m)	49 (15)	49 (15)	49 (15)
Maximum Lineset Length Total	ft(m)	164 (50)	229 (70)	230 (70)
Pre-Charge Length Total	ft(m)	98 (30)	98 (30)	164 (50)
Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit	ft(m)	49 (15)	49 (15)	49 (15)
Maximum Lineset Height Difference Btwn Indoor Units	ft(m)	33 (10)	33 (10)	33 (10)
Lineset Diameter	Inch	Liq. 1/4 x 2 Gas 3/8 x 2	Liq. 1/4 x 3 Gas 1/2 x 1, 3/8 x 2	Liq. 1/4 x 4 Gas 1/2 x 1, 3/8 x 3
Size & Weight				
Net Weight	lbs. (kg)	134 (61)	146 (66)	205 (93)
Dimensions: Height	Inch	32-11/16	32-11/16	39-5/16
	mm	830	830	998
Width	Inch	35-7/16	35-7/16	38-3/16
	mm	900	900	970
Depth	Inch	13	13	14-9/16
	mm	330	330	370
Refrigerant		R410A	R410A	R410A



Allowable Combinations

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



AOU18RLXFZ

XLTH

AOU18RLXFZH

Connect 2 indoor units

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



AOU24RLXFZ

XLTH

AOU24RLXFZH

Connect 2-3 indoor units

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



AOU36RLXFZ1

XLTH

AOU36RLXFZH

Connect 2-4 indoor units

AOU36RLXFZH		
ZONE 1	ZONE 2	TOTAL
7	24 [∞]	31
9	24 [∞]	33
12	24 [∞]	36
15	24 [∞]	39

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

CHOOSE AN OUTDOOR UNIT:

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

CHOOSE INDOOR UNITS:



ASUH07LPAS

ASUH09LPAS

ASUH12LPAS

ASUH15LPAS[◇]

ASUH18LPAS

ASUH24LPAS



ADUH07LUAS1

ADUH09LUAS1

ADUH12LUAS1

ADUH18LUAS1

ADUH24LUAS1



ACUH07LUAS1

ACUH09LUAS1

ACUH12LUAS1

ACUH18LUAS1



AGU9RLF

AGU12RLF

AGU15RLF

NOTE: These tables are not for system capacity selection. Fujitsu 'Design Simulator' software should be used for AIRSTAGE H-Series equipment selection

"+" represents available circuit for future expansion when connecting this combination.

[∞] Optional kit UTP-MU45A2 is required to connect ASUH24LPAS.

* The optional kit "K9FZ1818 (UTP-MU36A2)" is necessary for dual zone system "18+18" with AOU36RLXFZ1 only.

^ Wall mounted type ASUH18LPAS cannot be connected in this combination using AOU36RLXFZ1. Combination allowed with AOU36RLXFZH.

◇ Actual rated cooling capacity of ASUH15LPAS is 14,000 BTU/h. Do not use combination table for system capacity calculations.



AOU45RLXFZ

Connect 2-5
indoor units

AOU45RLXFZ		
ZONE 1	ZONE 2	TOTAL
12	24 [∞]	36
15	24 [∞]	39
18	18	36
18	24	42
24	24	48

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

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

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

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

NOTE: These tables are not for system capacity selection. Fujitsu 'Design Simulator' software should be used for AIRSTAGE H-Series equipment selection

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

3 On this unit, this device and a WiFi adapter cannot be used simultaneously.
4 Wireless Receiver Kit required.

AIRZONE

Compatible with most AIRSTAGE 2-wire and 3-wire single zone systems.

What is Airzone?

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

How does it work?

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



Airzone VAF Wired Blueface Principal Controller White (AZVAFBLUEZEROCB)



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



Airzone VAF 8" Wired Intelligent Round Damper (AZVAFDAMPER08C)



Airzone VAF 8" Wireless Intelligent Round Damper (AZVAFDAMPER08R)

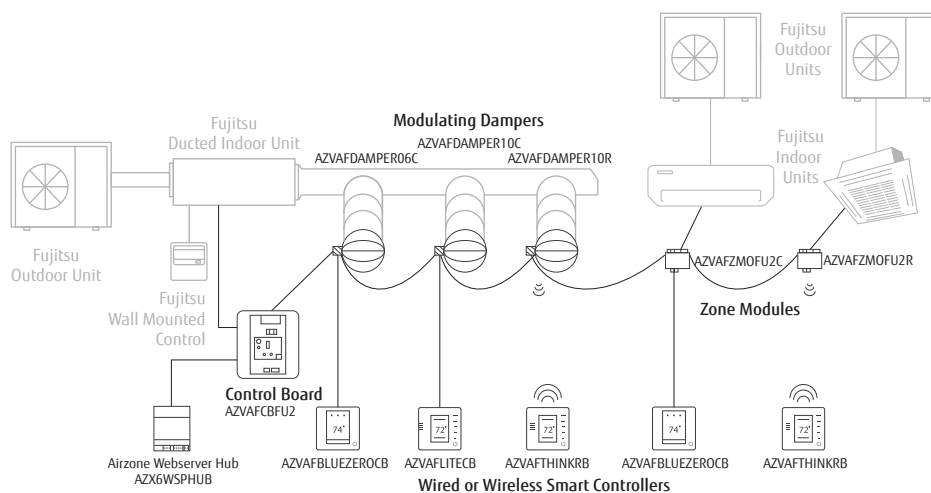
Benefits

- An Airzone system can provide optimum airflow into each zone, thus reducing excess equipment capacity.
- Provides ideal temperature control of each zone in your home or office.
- Built in communication gateways maximize Fujitsu Heat Pump inverter efficiency.
- Integrate single zone systems with the ducted, modulating damper system.
- Modulating dampers and proportional fan control eliminates the need for a bypass duct.
- Flexible selection of individual damper sizes and controllers to fit a wide range of applications.
- With the Webserver Hub, you can control your Airzone VAF system and the serving AIRSTAGE unit through the Airzone Cloud, and integrate your system to a BMS using BACnet.

Features

- Control and monitor up to 10 individual zones.
- Adjustable minimum and maximum damper positions.
- Control of optional auxiliary heat of the ducted, zoned unit.
- Principal controller provides simple, single point temperature management of ALL zones.
- Selection of wired and wireless controllers.
- Wired and wireless dampers available. Size ranges from 6" to 14" in diameter.
- Flexible control of up to 10 hydronic zones is possible, as either primary or auxiliary heat.
- Dry Contact Inputs from occupancy sensor and window switch to open/close individual damper.

Connection Diagram



(diagram for illustration purposes only)



Product Offering		
Family	Reference VAF	Description
Control board	AZVAFCB2FU2	AIRZONE VAF CONTROL BOARD WITH FUJITSU UART COMMUNICATION REGION 2
	AZVAFCB2FUJ	AIRZONE VAF CONTROL BOARD WITH FUJITSU 3 WIRES COMMUNICATION REGION 2
Controllers	AZVAFBLUEZEROCB	AIRZONE VAF WIRED BLUEFACE PRINCIPAL CONTROLLER WHITE
	AZVAFTHINKRB	AIRZONE VAF WIRELESS THINK CONTROLLER WHITE
	AZVAFLITECB	AIRZONE VAF WIRED LITE CONTROLLER WHITE
	AZVAFLITERB	AIRZONE VAF WIRELESS LITE CONTROLLER WHITE
Zone modules	AZVAFZMOFU2C	AIRZONE VAF WIRED ZONE MODULE WITH FUJITSU UART COMMUNICATION
	AZVAFZMOFUJC	AIRZONE VAF WIRED ZONE MODULE WITH FUJITSU 3 WIRES COMMUNICATION
	AZVAFZMOFU2R	AIRZONE VAF WIRELESS ZONE MODULE WITH FUJITSU UART COMMUNICATION
	AZVAFZMOFUJR	AIRZONE VAF WIRELESS ZONE MODULE WITH FUJITSU 3 WIRES COMMUNICATION
	AZVAFDAMPER06C	AIRZONE VAF 6" WIRED INTELLIGENT ROUND DAMPER
	AZVAFDAMPER08C	AIRZONE VAF 8" WIRED INTELLIGENT ROUND DAMPER
	AZVAFDAMPER10C	AIRZONE VAF 10" WIRED INTELLIGENT ROUND DAMPER
	AZVAFDAMPER12C	AIRZONE VAF 12" WIRED INTELLIGENT ROUND DAMPER
	AZVAFDAMPER14C	AIRZONE VAF 14" WIRED INTELLIGENT ROUND DAMPER
	AZVAFDAMPER06R	AIRZONE VAF 6" WIRELESS INTELLIGENT ROUND DAMPER
	AZVAFDAMPER08R	AIRZONE VAF 8" WIRELESS INTELLIGENT ROUND DAMPER
	AZVAFDAMPER10R	AIRZONE VAF 10" WIRELESS INTELLIGENT ROUND DAMPER
	AZVAFDAMPER12R	AIRZONE VAF 12" WIRELESS INTELLIGENT ROUND DAMPER
	AZVAFDAMPER14R	AIRZONE VAF 14" WIRELESS INTELLIGENT ROUND DAMPER
	AZVAFZMRADC	AIRZONE VAF WIRED ZONE MODULE ONLY RADIANT
	AZVAFZMRADR	AIRZONE VAF WIRELESS ZONE MODULE ONLY RADIANT
Zone-supplemental heating	AZVAF5OUTPUTS	AIRZONE VAF RELAY RADIANT HEAT CONTROL MODULE
Accessories	AZVAF10KPROBE	AIRZONE VAF 10 KOHM NTC THERMISTOR
	AZVAFPOWER	AIRZONE VAF ADDITIONAL 12V POWER SUPPLY
	AZX6WSPHUB	AIRZONE WEBSERVER HUB
Spare parts	AZVAFDAMPERZMC	AIRZONE VAF SPARE DAMPER WIRED ZONE MODULE
	AZVAFDAMPERZMR	AIRZONE VAF SPARE DAMPER WIRELESS ZONE MODULE
	AZVAFDAMPERACT	AIRZONE VAF SPARE DAMPER ACTUATOR

Controls

KAGAMI WIRBOB

The new UTY-RVRU Kagami Controller is a touch enabled, intuitive and stylish looking controller, compatible with 2-Wire H-Series indoor units.

Features

- Sleek, minimalist design that harmonizes with the space
- Large, easy to read, anti-fingerprint touch screen with auto dimming
- Simple, intuitive operation, with only the necessary functions and minimal screen transitions - swipe left/right to select settings, up/down to adjust settings
- Initial setup and function settings via BLE connection to Remo Set app on smart device, or manually on the controller
- Easily transfer settings between controllers, reducing install time
- Custom logo import and display and masking of settings for hotels
- Control and monitoring for commonly used functions, including:
- On/Off, Operation Mode, Fan Speed, and Air Flow Direction
- Room temperature display with temperature correction
- Current time display, adjusts for Daylight Savings
- Auto-Off and Weekly Timers
- Custom Auto (dual setpoint) function
- Away / Eco Away setting
- Economy / Energy Saving Fan / Optimum Start operation
- Emergency Heat control
- Filter Status and Reset
- Anti-Freeze operation
- Economy / Energy Saving Fan / Optimum Start operation
- Error display and history
- Refrigerant Cycle Monitor of select sensor values
- Test Run function
- Password and child lock protection
- Multi-language
- Energy Star Compliant
- Meets California 2022 Title 24 requirements
- Retains and displays HVAC contractor contact info for support
- 90-day warranty



Group Control

Wired Remote (Touch Panel)

UTY-RNRUZ Series
2-Wire

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 users.

Group Control



Simple Remote Control

UTY-RSRY
2-Wire

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

Group Control



Simple Remote Control

UTY-RHRY
2-Wire

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

Group Control



Wired Remote Control

UTY-RNNUM*
3-Wire

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

Group Control



Wired Remote Control

UTY-RVNUM
3-Wire

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 users.

Group Control



Simple Remote Control

UTY-RSNUM
3-Wire

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

Group Control



Wireless Remote Control

UTY-LNTU
For Compact Cassettes.



Central Controller

UTY-DMUM
3-Wire

This remote controls up to 5 individual indoor units. Set temperatures on timers to best meet individuals needs. Includes a large backlit LCD and 4-way navigation pad. Remote connects to 3 wire control terminals in the AOU45 Outdoor Unit.



Remote Sensor

UTY-XSZXZ1

Wall mounted room temperature sensor for Slim Dduct, Medium Static duct, and Multi Position AHU models. Replaces room temperature sensor in the return when installed while still allowing for temperature correction.



IR Receiver Kit

UTY-LBTUM
For Medium Static Duct, Slim duct, and Multi Position AHU units. Includes a wireless remote control and receiver.



IR Receiver Kit

UTY-LBTUC
For Large Circular Flow Cassettes. Includes a wireless remote control and receiver.



IR Receiver Kit

UTY-LBTUH
For Ceiling Suspended. Includes a wireless remote control and receiver.



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

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

Wi-Fi Devices

See compatibility table, page 13.

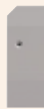
IR Wireless Module

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



Wired Module

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



Wired Module

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



SAMPLE WI-FI APP SCREEN DISPLAYS



Intesis AC
Cloud Control®

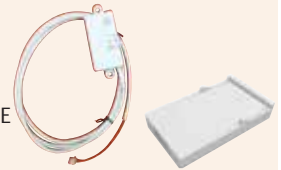


AIRSTAGE
Mobile®

Wi-Fi Module

Model: UTY-TFSXH4
UTY-TFSXJ4

Works with AIRSTAGE
Mobile App



Additional Controls

Network Converter

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



24V Thermostat Interface

UTY-TTRXZ1
Control AIRSTAGE
H-Series products¹
using a third party
thermostat. Up to
16 indoor units can be connected
as a group to one thermostat
converter.



Modbus Converter

UTY-VMSX
Control and monitor
systems over Modbus
RTU.



BACnet Gateway

FJ-AC-485-1
Control and
monitor
systems over
BACnet MSTP



Modbus Gateway

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



1: NOT compatible with models ABU18/24RULX, ABU36RSLX, AUU18/24/36/42RCLX.

Interface Kits

Human Sensor Kit

UTY-SHZXC
For large circular cassette.



Communication Kit

UTY-TWRXZ2
Required to connect ASUH09, 12, 18, 24LMAS,
ASUG09, 12, 15LZBS and ASUH07, 09, 12, 15, 18,
24, 30, 36LPAS to Wired Remotes UTY-RVRU,
UTY-RNRUZ Series, UTY-RSRY, UTY-RHRY, UTY-TTRXZ1 24V
Thermostat Interface.



Plug Model

UTY-WIFI

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



Fresh Air Intake Kits

High Humidity Insulation Kit

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



Fresh Air Intake Kit

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



Fresh Air Intake Kit

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



Air Outlet Shutter Plate

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



Air Outlet Shutter Plate

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



Fresh Air Kit

UTZ-VXRA
For Large Cassette
units. Mixes room air then passes
it through a heat exchanger. Allows up to 10%
of high airflow volume.



Miscellaneous

3-Pole Single Throw Safety Switch
K3PST

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

**R410A Swivel Adapter**
K9R410A55

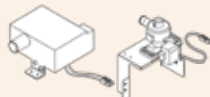
In order to minimize incorrect charging of systems with R410A Fujitsu uses a different access port. Contractors will need this 55-degree swivel access fitting. not compatible with AOU45RLXFZ.

**Adapter Kit**
UTP-MU45A2

For 2 unit combination system
Changes liquid pipe size from 1/4" to 3/8". Used for specific ASUH24LPAS mutli-zone combinations. Reference combination tables (pg 68) for details.

**Condensate Pump**
UTZ-PU1EBB

OEM design plugs into factory harness for ease of installation. Rated for 11.8" of vertical lift. Compatible with Ceiling suspended indoor units ABUH**LUAS.

**18+18 Combo Fittings Kit**
K9FZ1818 (UTP-MU36A2)

Allows two 18k indoor units to be used on an outdoor AOU36RLXFZ1. Requires special piping; limited to only 18,000 BTU models. Total BTU capacity is limited to 31,600 BTU in cooling. The kit upsizes linesets to 3/8" and 1/2".

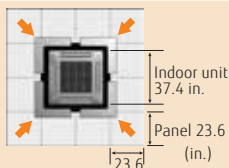
**Auto Louver Grille Kit**

UTD-GXTA-W (for ADUH7/9/12)
UTD-GXTB-W (for ADUH18)
UTD-GXTC-W (for ADUH24)

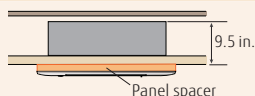
Auto Louver provides comfortable airflow and blends in with various interiors. Grille can be connected either directly to indoor unit or through the rectangular duct. Only compatible with ARU models with serial numbers greater than 2000.

**Wide Panel**

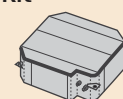
UTG-AKXA-W
Compatible with Large Cassette. Hides the gap between the ceiling hole and the cassette grille.

**Panel Spacer**

UTG-BKXA-W
Compatible with Large Cassette. If there is not enough height in the ceiling space, by inserting this spacer between the cassette grille and the ceiling surface, the height of the body goes into the ceiling space becomes 2 in. (50mm) lower.

**High Humidity Insulation Kit**

UTZ-KXRA
Compatible with Large Cassette. Install when the under-roof humidity is over 80% and the temperature is over 86°F (30°C)

**Long-Life Filter**

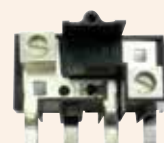
UTD-LFNC
UTD-LFNB
UTD-LFNA
Long-life filter can be mounted to the indoor unit (medium static ducted models).

**Electric Heater Kit**

RXBH-1724***-A Series
Compatible with AMUG24, 30, 36, 48LMAS
Reference multi-position AHU documentation for compatibility.

**Electric Heater Jumper Bar**

RXBJ-A21
Required for electric heater kit 13kW and above.



Wind Baffles, Snow Hoods, Hail Guards

Protect your equipment investment from the ravages of severe weather.



Wind Baffle Compatible Units

Models	Group	Wind baffles
AOU9RL2	C	UTZ-DUWBCA
AOU12RL2		
AUG09LMAS1	G2	UTZ-DUWBG2A
AUG12LMAS1		
AUH09LMAS1		
AUH09LMAH1		
AUH09LUAS1		
AUH12LPAS1		
AUH12LMBS1		
AUH12LMBH1		
AUG09LZAS1	G3	UTZ-DUWBG3A
AUG12LZAS1		
AUG15LZAS1		
AUG09LZAH1		
AUG12LZAH1		
AUG15LZAH1		
AUH12LUAS1		
AUH18LUAS1		
AUH18LPAS1		
AUH24LPAS1		
AU18RLXFZ	V	
AU24RLXFZ		
AU18RLXFW1	W	UTZ-DUWBWA
AU24RLXFW1		
AU18RLXFWH		
AU24RLXFWH		
AU30RLXB		
AU36RLXB		
AU18RLXFZH		
AU24RLXFZH		
AU36RLXFZ1		
AU45RLXFZ	U	UTZ-DUWBUA
AU36RLXFZH		
AUG36LMAS1		
AUG48LMAS1		
AUH30LUAH1		
AU30RLXEH	Y	UTZ-DUWBYA*
AU42RGLX		
AU48RGLX		
AUH36LMAH1	T	UTZ-DUWBTA*
AUH48LMAH1		

*Item consists of 2 wind baffles.

Snow Hood Compatible Units

Models	Group	Snow Hoods
AOU9RL2	C	UTZ-DUSHCA
AOU12RL2		
AUG09LMAS1	G2	UTZ-DUSHG2A
AUG12LMAS1		
AUH09LMAS1		
AUH09LMAH1		
AUH09LUAS1		
AUH12LPAS1		
AUH12LMBS1		
AUH12LMBH1		
AUG09LZAS1	G3	UTZ-DUSHG3A
AUG12LZAS1		
AUG15LZAS1		
AUG09LZAH1		
AUG12LZAH1		
AUG15LZAH1		
AUH12LUAS1		
AUH18LUAS1		
AUH18LPAS1		
AUH24LPAS1		
AU18RLXFZ	V	UTZ-DUSHVA
AU24RLXFZ		
AU18RLXFW1	W	UTZ-DUSHWA
AU24RLXFW1		
AU18RLXFWH		
AU24RLXFWH		
AU18RLXFZH		
AU24RLXFZH		
AU36RLXFZ1		
AU45RLXFZ	U	UTZ-DUSHUA
AU36RLXFZH		
AUG36LMAS1		
AUG48LMAS1		
AUH30LUAH1		
AU30RLXEH	Y	UTZ-DUSHYA
AU42RGLX		
AU48RGLX		
AUH36LMAH1	T	UTZ-DUSHTA
AUH48LMAH1		

Hail Guard Compatible Units

Models	Group	Hail Guards
AOU9RL2	C	UTZ-DUHGCA
AOU12RL2		
AUG09LMAS1	G2	UTZ-DUHGG2A
AUG12LMAS1		
AUH09LMAS1		
AUH09LMAH1		
AUH09LUAS1		
AUH12LPAS1		
AUH12LMBS1		
AUH12LMBH1		
AUG09LZAS1	G3	UTZ-DUHGG3A
AUG12LZAS1		
AUG15LZAS1		
AUG09LZAH1		
AUG12LZAH1		
AUG15LZAH1		
AUH12LUAS1		
AUH18LUAS1		
AUH18LPAS1		
AUH24LPAS1		
AU18RLXFZ	V	UTZ-DUHGVA
AU24RLXFZ		
AU18RLXFW1	W	UTZ-DUHGWA
AU24RLXFW1		
AU18RLXFWH		
AU24RLXFWH		
AU18RLXFZH		
AU24RLXFZH		
AU36RLXFZ1		
AU45RLXFZ	U	UTZ-DUHGUA
AU36RLXFZH		
AUG36LMAS1		
AUG48LMAS1		
AUH30LUAH1		
AU30RLXEH	Y	UTZ-DUHGYA
AU42RGLX		
AU48RGLX		
AUH36LMAH1	T	UTZ-DUHGTA
AUH48LMAH1		

Line Set Sizes and Lengths - Single-Zone

*Always refer to D&T for final sizing

	Single-Zone Systems																								
	Wall Mounted																								
Gas x Liquid Size (in)	9RL2	09LPAS1	09LMAS1	09LMAH1	09LEAS1	09LZBS1	09LZBH1	12RL2	12LPAS1	12LMBS1	12LMBH1	12LEAS1	12LZBS1	12LZBH1	15LZBS1	15LZBH1	18LPAS1	18LMAS1	18RLXFWH	24LPAS1	24LMAS1	24RLXFWH	30LPAS1	30RLXEH	36LPAS1
3/8" x 1/4"	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
1/2" x 1/4"															●	●	●			●					
5/8" x 3/8"																		●	●		●	●	●	●	●
Total System																									
Max. Combined Pipe Length ft (m)	66 (20)	66 (20)	66 (20)	66 (20)	25 (7.5)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	25 (7.5)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	164 (50)	164 (50)	66 (20)	164 (50)	164 (50)	164 (50)	246 (75)	164 (50)
Max. Pre-charge Lineset length ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	25 (7.5)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	25 (7.5)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	49 (15)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)
Min. Lineset Length ft (m)	16 (5)	16 (5)	16 (5)	16 (5)	6.5 (2)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	6.5 (2)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)

	Single-Zone Systems																
	Floor Mount						Compact Cassette			Medium Static Ducted							
Gas x Liquid Size (in)	9RLFF	9RLFFH	12RLFF	12RLFFH	15RLFF	15RLFFH	09LUAS1C	12LUAS1C	18LUAS1C	12LUAS1R	18LUAS1R	24LUAS1R	30LUAS1R	30LUAH1R	36LUAS1R	42RGLXD	48RGLXD
3/8" x 1/4"	●	●	●	●			●	●		●							
1/2" x 1/4"					●	●			●		●						
5/8" x 3/8"												●	●	●	●	●	●
Total System																	
Max. Combined Pipe Length ft (m)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	98 (30)	66 (20)	98 (30)	164 (50)	164 (50)	246 (75)	164 (50)	246 (75)	246 (75)
Max. Pre-charge Lineset length ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	49 (15)	66 (20)	66 (20)	66 (20)	98 (30)	66 (20)	98 (30)	98 (30)
Min. Lineset Length ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)

	Single-Zone Systems																
	Multi-Position Air Handler							Ceiling Suspended				Circular Flow Large Cassette					
Gas x Liquid Size (in)	24LUAS1M	30LUAS1M	30LUAH1M	36LMAS1	36LMAH1M	48LMAS1	48LMAH1M	18LUAS1B	24LUAS1B	30LUAS1B	36LUAS1B	18LUAS1U	24LUAS1U	30LUAS1U	36LUAS1U	42RGLXC	48RGLXC
3/8" x 1/4"								●				●					
1/2" x 1/4"																	
5/8" x 3/8"	●	●	●	●	●	●	●		●	●	●		●	●	●	●	●
Total System																	
Max. Combined Pipe Length ft (m)	164 (50)	164 (50)	246 (75)	230 (70)	246 (75)	230 (70)	246 (75)	98 (30)	164 (50)	164 (50)	164 (50)	98 (30)	164 (50)	164 (50)	164 (50)	246 (75)	246 (75)
Max. Pre-charge Lineset length ft (m)	66 (20)	66 (20)	98 (30)	98 (30)	98 (30)	98 (30)	98 (30)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	98 (30)	98 (30)
Min. Lineset Length ft (m)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)

Line Set Sizes and Lengths - Multi-Zone

*Always refer to D&T for final sizing

	Multi / Flex Zone Models - Indoor Units													
	Wall Mounted						Floor Mount			Slim Duct				
Gas x Liquid Size (in)	ASUH07LPAS	ASUH09LPAS	ASUH12LPAS	ASUH15LPAS	ASUH18LPAS	ASUH24LPAS	AGU9RLF	AGU12RLF	AGU15RLF	ADUH07LUAS1	ADUH09LUAS1	ADUH12LUAS1	ADUH18LUAS1	ADUH24LUAS1
3/8" x 1/4"	●	●	●				●	●		●	●	●		
1/2" x 1/4"				●	●				●				●	
5/8" x 1/4"						●								●
Each Indoor Unit	Minimum and maximum pipe lengths for multi-zone units are found on page 61 and page 63.													

	Multi / Flex Zone Models - Outdoor Units						
	AOU18RLXFZ	AOU18RLXFZH	AOU24RLXFZ	AOU24RLXFZH	AOU36RLXFZ1*	AOU36RLXFZH^	AOU45RLXFZ^
Total System							
Max. Lineset Length ft (m) (Total)	164 (50)	164 (50)	164 (50)	230 (70)	230 (70)	230 (70)	262 (80)
Max. lineset length (Pre-charge) ft (m)	98 (30)	98 (30)	98 (30)	98 (30)	164 (50)	164 (50)	164 (50)
Min. Lineset Length ft (m) (Total)	49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	49 (15)	49 (15)

* 18 + 18 indoor unit combination allowed with AOU36RLXFZ1 requires kit K9FZ1818 (UTP-MU36A2). Use lineset size 3/8" x 1/2".

^ In some cases, UTP-MU45A2 is required to connect ASUH24LPAS to outdoor unit. Reference UTP-MU45A2 Installation Manual, Application Bulletin AB20220805B, and combination tables for specific instances. Use lineset size 3/8" x 5/8".



Fujitsu AIRSTAGE Model Nomenclature

"Next Generation" models

A	O	U	H	12	L	Z	A	S	1	# of Heads (ex: 1-Single-zone)
A = Heat pump for N. America B = Ceiling Suspended C = Compact Cassette D = Slim Ducted M = Multi-Position Air Handler O = Outdoor(Single/Multi) R = Medium Static Ducted S = Wall Mount U = Large Cassette U = FUJITSU / 60Hz / 208-230V / N. America System Generation A-Z (Most current = "H")										Outdoor: S = Standard H = XLTH Indoor: S=Standard Series(Version) A-Z E = Split Terminal Heat Pump M = Mid Tier P = Entry Tier U = Single-Zone Non-Wall Mount Z = High Tier L = R410A/Inverter/Cooling and Heating(H/P)
BTU/h in thousands										

Legacy models

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



Things To Know Before You Buy a Fujitsu AIRSTAGE H-Series System

Complete System Warranty

Standard warranties vary depending on model:



7 Year Compressor / 5 Year Parts warranty.

Extended warranties include:



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



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

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

10-Year and 12-Year warranties exclude: R22 models, IAQ models, ASU30RLX, ABU18RLX, ABU24RLX, ABU36RLX, AUU18RLX, AUU24RLX, AUU36RLX, AUU42RLX, 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. Beginning July 1, 2023, Warranty is transferable from original owner to new owner in the State of Florida for residentially installed systems that are registered online.

For full details, see AIRSTAGE H-Series Warranty Statement.

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Non-Internet Retail Policy

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

Note

- Condensing units come pre-charged from factory. Additional refrigerant may be required, be sure to check installation manual for more details.
- Cooling capacity is based on the following conditions:
Indoor temperature: 80°F DB/67°F WB (26.7°C DB/19.4°C WB)
Outdoor temperature: 95°F DB/75°F WB (35°C DB/23.9°C WB)
- Heating capacity is based on the following conditions:
Indoor temperature: 70 °FDB (21.11 °CDB) / 60 °FWB (15.56 °CWB)
Outdoor temperature: 47°F DB/43°F WB (8.3°C DB/6.1°C WB)

Things To Know Before You Install a Fujitsu AIRSTAGE H-Series 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. 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-zone 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.



- ISO9001
- ISO14001

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.

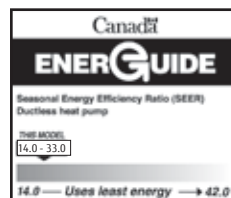
RoHS COMPLIANT

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)

Samples:





For over 60 years,
making the hottest places cool and the coolest places...
more comfortable.

**AIRSTAGE H-Series Mini-Splits Are
For You if:**

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

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Part #6-26-FG2028 Rev. 10/2023

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