

FUJITSU GENERAL AMERICA, INC.



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

WHAT IS A MINI-SPLIT?

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

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

HOW DOES A MINI-SPLIT WORK?

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



SLIM DUCT UNIT WALL MOUNT UNIT Indoor unit return grille ..or Hidden Jnit Can Be Showcased. Slim Duct units are Refrigerant lines, Wall mounted units mounted above a ceiling electric, drain eliminate the need for or in a framed enclosure ductwork, mount high on below a ceiling, so only a wall and deliver all of the grilles show for a the cooling and heating clean look. They require needed. minimal ductwork. Outdoor

HEAT PUMPS PROVIDE HEAT WHEN IT IS COLD

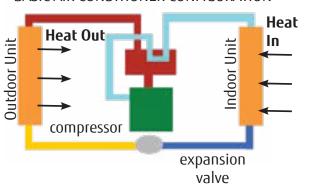
Fujitsu heat pumps absorb heat from the outdoors, and release it within your home, even on the coldest of days. We use efficient compressors to pump refrigerant via small copper tubing from outdoors to indoors. Inverter efficiency allows us to transfer heat at a ratio of 3 to 4 times higher compared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

BASIC HEAT PUMP CONFIGURATION Heat In **Outdoor Unit** compressor expansion valve

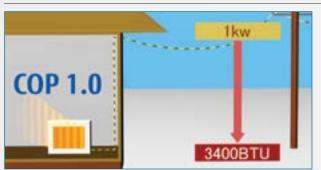
AIR CONDITIONERS PROVIDE COOLING WHEN IT'S WARM

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

BASIC AIR CONDITIONER CONFIGURATION



ELECTRIC HEATERS VERSUS HEAT PUMPS



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

Heat Pump

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

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

INDIVIDUAL ZONING: PERSONALIZED WHOLE-HOME COMFORT

MULTI-ZONE MINI SPLIT SYSTEMS

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

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

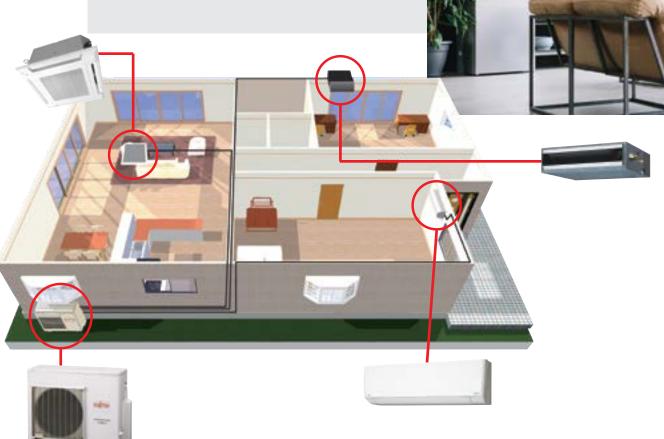


18, 24, 36,000 BTUh

WALL MOUNTED

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

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



3-zone system using outdoor unit AOU36RLXFZ1.



SLIM DUCT

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

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

FLOOR MOUNTED

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

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





COMPACT CASSETTE

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

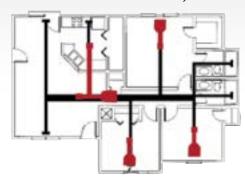
- Wired or wireless remote control options
- Powerful turbo fan operation
- Fits into a standard 2' x 2' ceiling grid

A SOLUTION FOR ALL OF YOUR COMFORT NEEDS

DUCTLESS TECHNOLOGY

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





Thick black lines represent ducts of a central air system.

Red lines represent miniducts of a Fujitsu Quad Zone Slim Duct System.

Bedroom 1 72°F Bedroom 2 68°F Kitchen 74°F Room 70°F

WHOLE HOME OR BUSINESS COMFORT

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



A YEAR ROUND SOLUTION

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



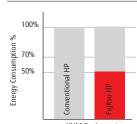
OTHER APPLICATIONS

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

ENERGY EFFICIENT: THE SMART CHOICE IN COMFORT

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

WHERE DOES MY MONEY GO?



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

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

REBATES

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

www.fujitsugeneral.com

Water Heater Heating & Cooling 13% 50% Refrigerator Dishwasher Washer/ Dryer 10% Lighting **FUJITSU** Electronics Fujitsu saves up to Other 30% on your utility bill'

ENERGY STAR® QUALIFIED SYSTEMS

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



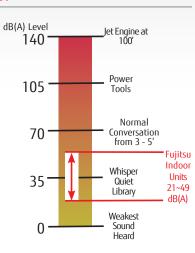
Fujitsu has many systems that meet ENERGY STAR and Energy Star Most Efficient ratings in 2021. See the lineup chart on pages 18-19 for a full listing of all ENERGY STAR® qualified systems.



COMFORT AND CONVENIENCE

FLEXIBLE AND QUIET

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



CONSTANT COMFORT THROUGH INVERTER TECHNOLOGY

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

Inverter Benefits

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

USER FRIENDLY CONTROL

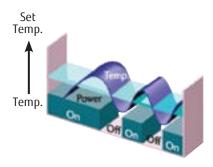
Fujitsu is using ergonomics to expand the use of user friendly designs such as easy-to-read large LCD displays, easy-to-operate buttons, and displays with easily recognizable colors and icons. Our control systems provide greater convenience for both individual and centralized control with operability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



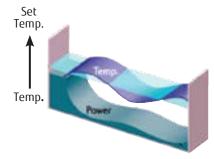
Optional Wired Remote UTY-RNRUZ Series







Conventional System



Inverter System



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



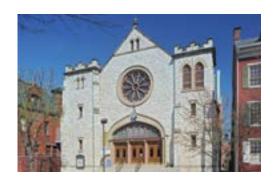












FGLair® APP

Control your home's climate anytime, anywhere!









Control up to 24 systems using a single free account.

MAIN FUNCTIONS

- ON / OFF
- Operation mode
- Fan speed
- Louver position
- Set temperature control
- Weekly timer

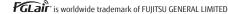
- Minimum heat
- Energy Saving Program
- Error display
- Email notification



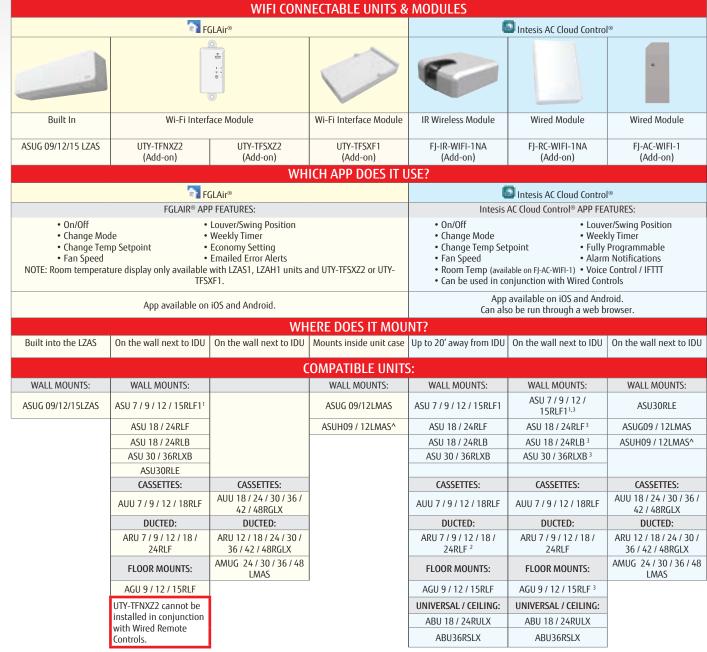








FUJITSU HALCYON WIFI SELECTION GUIDE



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

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

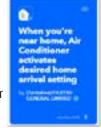
All Fujitsu Halcyon systems can be voice controlled with Amazon Echo or Google Home speakers.

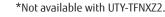


(A)

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.





12

User friendly screen display facilitates

Individual AC name display

ON/OFF button

Room temperature*

Temperature setting

easy operation.

EXTRA LOW TEMPERATURE HEATING - XLTH

NOT ALL HEATING SYSTEMS ARE CREATED EQUAL Without the right technology, a system won't work when it's needed most.

PROTECTION FROM WINTERS' **COLDEST TEMPERATURES**

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

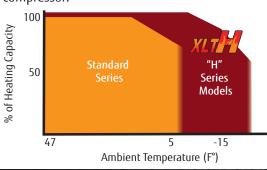
Fujitsu's line of mini-split heat pumps are available in different sizes, styles, and rated outdoor temperatures. The Extra Low Temperature Heating (Series features outdoor condensing units engineered to operate in temperatures down to -15°F.



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.





HIGH PERFORMANCE HEATING

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



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

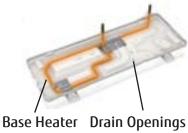
METAL FAN GUARD

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



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

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

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

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



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

inergy 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.



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



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.



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



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

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

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



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



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



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



Quiet Mode (Indoor Unit)

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

- + Function is bypassed during defrost and at low speed operation. This feature may limit cooling/ heating capacity during high/low ambient conditions and increase energy consumption as system may need to operate longer due to reduced compressor speed.
- * Auto Changeover is <u>not</u> designed to provide rapid changes between heating <u>and</u> cooling operation or simultaneous heating and cooling. Areas with dissimilar conditioning requirements should be



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



Automatically adjusts the temperature while you sleep to make you more



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.

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



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

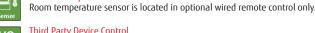
Temperature at the top of a high ceiling room may be warmer than the



space occupied; this mode adjusts for this difference.

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

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



Third Party Device Control

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



Can operate in cooling mode with outdoor temperatures as low as 0°F.

Cooling performance beyond published temperature ratings is not quaranteed -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

INSTALLATION



Prevents condensate from freezing on the outdoor unit.

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

resistance

Clear hydrophylic 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.



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

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



Cassette body can be moved downward into the room 1-3/8" to



FEATURES																																	
SYSTEM	SINGLE-ZONE HEAT PUMPS																																
		WALL MOUNT FLOOR MOUNT COMPACT CASSETTE DUCT																															
FEATURE																													JJL		F		
SUMMARY														_	ェ		_	工															
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	9RL2	09LMAS1	09LMAH1	09LZAS1	09LZAH1	12RL2	12LMAS1	12LMAH	12LZAS1	12LZAH1	15LZAS1	15LZAH1	18RLB	8RL	8RL	24RLB	4RL	4RL	30RLXEH	30RLXB	36RLXB	9RLFF	9RLFFH	12RLFF	12RLFFH	15RLFF	15RLFFH	9RLFCC	12RLFCC	18RLFCC	9RLFCD	12RLFCD	18RLFCD
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- $\hfill \square$ Available only with optional wired remote control.
- Available only with optional wired remote controller and optional Interface Kit.
- riangle Available only with optional part UTY-SHZXC
- ▲ Available only with optional wireless remote control.
- O Available only with optional Interface Kit. Operation monitoring and On/Off control only.
- Available only with optional louver grille UTD-GXS(A/B/C)-W or UTD-GXT(A/B/C)-W
- ◆ Available only with optional Fresh Air Intake Kit.
- * See bottom of page 58 and page 60 for qualifying combinations.
- ** Operation limited to on/off, set point, and mode.
 Using third party control devices eliminates inverter capabilities.
- SEER and HSPF ratings depend on combination of indoor units and outdoor unit selected.
- + Auto Changeover is <u>not</u> designed to provide rapid changes between heating <u>and</u> cooling operation or simultaneous heating and cooling. This feature is <u>not</u> recommended for systems with more than one indoor unit <u>unless</u> 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.
- Standard warranty is 5 year Parts / 7 year Compressor. 12 year Compressor/Parts warranty applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.

SINGLE-ZONE AND MULTI-ZONE SYSTEMS LINEUP

					★: Energ	gy Star Qualified	: Minimum Ambient	Cooling Temperature	: Minimum Ambient Hea	ting Temperature
SINGLE ZONE WALL MOUNTED A	MINI-SPLITS									
BTU	9,000	12,000	15,000	18,000		24,000	30,000	36,000	42,000	48,000
Wall Mount Highest Efficiency	14°F -5°F ASUG09LZAS / AOUG09LZAS1	14°F -5°F ASUG12LZAS / AOUG12LZAS1	14°F -5°F ASUG15LZAS / AOUG15LZAS	1						
Wall Mount Extra Low Temp Heating	14°F -15°F ASUG09LZAS / AOUG09LZAH1	14°F -15°F ASUG12LZAS / AOUG12LZAH1	14°F -15°F ASUG15LZAS / AOUG15LZAH	-5°F -15°F 1 ASU18RLF / AOU18RLXFWH		-5°F -15°F LF / AOU24RLXFWH	-5°F -15°F ASU30RLE / AOU30RLXEH			
Wall Mount High Efficiency	14°F 5°F ASUG09LMAS / AOUG09LMAS1	ASUG12LMAS / AOUG12LMAS1		-5°F -5°F ASU18RLF / AOU18RLXFW1	ASU24F	-5°F -5°F RLF / AOU24RLXFW1				
Extra Low Temp Heating	ASUH09LMAS / AOUH09LMAH1	14°F -15°F ASUH12LMAS / AOUH12LMAH1								
Wall Mount Entry Level	15°F 15°F ASU9RL2 / AOU9RL2	15°F 15°F ASU12RL2 / AOU12RL2		14°F 5°F ASU18RLB / AOU18RLB	_	14°F 5°F 4RLB / AOU24RLB	14°F 5°F ASU30RLXB / AOU30RLXB	14°F 5°F ASU36RLXB / AOU36RLXB		
SINGLE ZONE NON-WALL MOUN	ITED MINI-SPLITS									
Floor Mount Highest Efficiency	14°F -5°F AGU9RLF / AOU9RLFF	14°F -5°F AGU12RLF / AOU12RLFF	14°F -5°F AGU15RLF / AOU15RLFF							
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 AUU9RLF / AOU9RLFC	14°F -5°F AUU12RLF / AOU12RLFC		14°F -5°F AUU18RLF / AOU18RLFC						
Slim Duct Horizontal/Vertical	14°F -5°F ARU9RLF / AOU9RLFC	14°F -5°F ARU12RLF / AOU12RLFC		14°F -5°F ARU18RLF / AOU18RLFC						
Medium-Static Ducted		14°F -5°F ARU12RGLX / AOU12RLFC		-5°F -5°F ARU18RGLX / AOU18RGLX		-5°F -5°F RGLX / AOU24RGLX	-5°F -5°F ARU30RGLX / AOU30RGLX	-5°F -5°F ARU36RGLX / AOU36RGLX	-5°F -5°F ARU42RGLX / AOU42RGLX	-5°F -5°F ARU48RGLX / AOU48RGLX
Multi-Position Air Handler						-5°F -5°F LMAS / AOU24RGLX	-5°F -5°F AMUG30LMAS / AOU30RGLX	14°F -5°F AMUG36LMAS / AOUG36LMAS	1	14°F -5°F AMUG48LMAS / AOUG48LMAS1
Universal Mount / Ceiling Only				0°F 14°F ABU18RULX / AOU18RLX		0°F 14°F 4RULX / AOU24RLX		0°F 14°F ABU36RSLX / AOU36RLX		
Large Cassette Circular Flow				-5°F -5°F AUU18RGLX / AOU18RGLX		-5°F -5°F RGLX / AOU24RGLX	-5°F -5°F Auu30rglx / Aou30rglx	-5°F -5°F AUU36RGLX / AOU36RGLX	-5°F -5°F AUU42RGLX / AOU42RGLX	-5°F -5°F AUU48RGLX / AOU48RGLX
MULTI ZONE DUCTLESS HEAT PU	IMPS - INDOOR UNITS				MULTI ZO	NE DUCTLESS HEAT	PUMPS- OUTDOOR UNITS			
ВТИ	7,000 9	,000 12,000	15,000	18,000 24,000	ВТИ	18,000 (2 Indoor U	nits) (2 - 3	24,000 Indoor Units)	36,000 (2 - 4 Indoor Units)	45,000 (2 - 5 Indoor Units)
Compact Wall Mount	ASU7RLF1 ASI	U9RLF1 ASU12RLF1	ASU15RLF1		_	M-1	XIH -	XLTH	X1.7-1	
Large Wall Mount			4	SU18RLF ASU24RLF	BEST		★+ -15°F	★ ₊ -15°F	★ ₊ -15°F	
Slim Duct	ARU7RLF AR	U9RLF ARU12RLF	_ A	ARU18RLF ARU24RLF		AOU18RLX	FZH AOU	24RLXFZH	AOU36RLXFZH	
Compact Cassette	AUU7RLF AU	U9RLF AUU12RLF		UU18RLF	BETTER	0	14°F	14°F 5°F	14°F 5°F	14°F
Floor Mount	AG	U9RLF AGU12RLF	AGU15RLF			AOU18RLX	^	J24RLXFZ	AOU36RLXFZ1	AOU45RLXFZ
	· ·				-	+ For ENERGY STAR® qua	lified combinations, see page 58	and page 60.		

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

SINGLE-ZONE MINI-SPLIT SYSTEMS Making the hottest places cool and the coolest places

more comfortable

- Extensive lineup from 9,000 to 48,000 BTU
- 32 different systems available in 7 indoor unit styles
- Energy efficient systems with SEER ratings as high as 33.1 and HSPF as high as 14.2
- 29 ENERGY STAR® qualified systems

- · Inverter Technology is used in all systems
- · All systems feature environmentally friendly R410A
- Quiet operation with indoor units as low as 19dB(A) and outdoor units as low as 46dB(A)

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

















































residence. See full warranty for details.

- 2 Available only with optional wired Remote Control and optional interface kit. 3 Available only with optional interface kit. Operation monitoring and On/Off control
- 4 XLTH models only



ENERGY SAVING PROGRAM (ESP) **FUNCTION**

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

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

HIGH PERFORMANCE HEATING

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

BUILT-IN WI-FI

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





OPTIONAL ACCESSORIES

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

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

UP TO 33.1 SEER		09LZ		12Lz	ZAS1	15LZ energ	ZAS1	09LZ		12LZ energ		15LZ energ	ZAH1
		ENERG		ENERG	Y STAR	ENERG	Y STAR	ENERG		ENERG	Y STAR		SY STAR
Performance	_								H	XII	H		
Nominal Cooling	BTUh	9,0	000	12,	000	14,			000	12,0			500
MinMax. Cooling	BTUh	3,100~	12,000	3,100~	13,600	3,100~	18,400	3,100~	12,000	3,100~	13,600	3,100~	18,400
Nominal Heating	BTUh	12,	000	16,	000	18,0	000	12,	000	16,	000	18,	000
MinMax. Heating	BTUh	3,100~	22,000	3,100~	22,100	3,100~		3,100~	22,000		22,100		23,900
SEER		33			9.4	25			3.1	29			5.3
HSPF		14			4.0	13			.0	13			3.3
EER		18			5.2	13			3.0	15			3.9
Cooling Operating Range	°F (°C)	14~115			(-10~46)	14~115		14~115		14~115			(-10~46)
Heating Operating Range	°F (°C)	-5~75 (-	-21~24)	-5~75 (-21~24)	-5~75 (-	-21~24)	-15~75	(-26~24)	-15~75 ((-26~24)	-15~75	(-26~24)
Moisture Removal	Pt./h (l/h)	2.5 (2.7	(1.3)	4.0 (2.5		2.7 ((1.9)
Max Htg % of Nominal Capacity at		17	1%	13	8%	14	0%		1%	13	8%	14	0%
Max Htg % of Nominal Capacity at	-5°F (-21°C)*	15	6%	12	5%	12	4%	15	6%		5%		4%
Max Htg % of Nominal Capacity at -	15°F (-26°C)*	-	-	-	-	-		12	3%	98	3%	10	9%
Fan (Cooling Mode)													
Air Circulation: Hi	CFM (m3/h)	542 ((920)	583 ((920)	542 ((920)		(990)
Medium	CFM (m3/h)	406 (406	(690)	459 (406	(690)	406 ((690)	459	(780)
Low	CFM (m3/h)	312 (530)	312	(530)	312 (530)	312	(530)	312 ((530)	312	(530)
Quiet	CFM (m3/h)	206 ((350)	206	(350)	241 (410)	206	(350)	206 ((350)	241	(410)
Fan Speed Stage		4+A	uto	4+/	Auto	4+A	uto	4+4	luto	4+A	uto	4+4	Auto
Sound													
Indoor Level (Clg/Htg): Hi	dB(A)	43/	/43	43.	/43	45/	45	43.	/43	43/	/43	45	/45
Medium	dB(A)	37/	/36	37	/36	40/	/39	37.	/36	37/	/36	40	/39
Low	dB(A)	31/	/31	31.	/31	32/	/32	31.	/31	31/	/31	32	/32
Quiet	dB(A)	23/	/23	23	/23	26/	26	23.	/23	23/23		26	/26
Outdoor Level Clg/Htg	dB(A)	46	147	47	/47	49/	′50	46.	/47	47	47/47		/50
Electrical													
Voltage/Frequency/Phase		208-23	0/60/1	208-23	30/60/1	208-23	0/60/1	208-23	30/60/1	208-23	80/60/1	208-23	30/60/1
Circuit Breaker	Amps	1	5	1	5	2	0	1	5	1	5	2	20
Current Rated/Max: Cooling	Amps	2.5	9.4	3.8	/9.4	4.8/	9.9	2.5	/9.4	3.8/	/9.4	4.8	/9.9
Current Rated/Max: Heating	Amps	3.3/		4.7/	10.9	5.2/	13.4	3.3/	11.9	4.7/	11.9	5.2/	14.4
Power Use Rated/Max: Cooling	kW	0.50			/0.99	1.04/		0.50		0.79			/1.56
Power Use Rated/Max: Heating	kW	0.66			/1.94	1.15/		0.66		1.01/			/2.19
Size & Weight	I KW	0.007	1.55	1.01	11.51	1.13/	2.13	0.00	1.33	1.017	1.51	1.13	2.13
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)
	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
Dimensions: Height	mm	280	632	280	632	280	632	280	632	280	632	280	632
	Inch	38-9/16	31-7/16			38-9/16		-	31-7/16		31-7/16		31-7/16
Width	mm	980	799	980	799	980	799	980	799	980	799	980	799
	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
Depth	mm	240	290	240	290	240	290	240	290	240	290	240	290
Refrigerant		R41			10A	R41			10A	R41			10A
Additional Data													
Air Direction: Horizontal		Autoi	matic	Auto	matic	Autor	matic	Auto	matic	Auto	matic	Auto	matic
Vertical			matic		matic		matic		matic		matic		matic
Air Filter			nable		nable	Wash			nable		nable		hable
Minimum Lineset Length	Ft (m)	16			(5)	16		16		16			(5)
Maximum Lineset Length	Ft (m)	66 (pre-cha	(20)	66	(20) irge: 49')	66 ((pre-cha	20)	66	(20) irge: 49')	66 ((pre-cha	(20)	66	(20) arge: 49')
Max. Vertical Diff.	Ft (m)	49 (_	*1	(15)	49 (49		49 (-	(15)
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4
* Based on model # capacity class (based on 9,000 BTUh) @ 70°F ind Refer to the Design & Technical N expanded heating capacity data.	e.g. 09LZAS1 oor setpoint.	Indoor ASUG09LZAS	Outdoor AOUG09LZAS1	Indoor ASUG12LZAS	Outdoor AOUG12LZAS1	Indoor ASUG15LZAS	Outdoor AOUG15LZAS1	Indoor ASUG09LZAS	Outdoor AOUGO9LZAH1	Indoor ASUG12LZAS	Outdoor AOUG12LZAH1	Indoor ASUG15LZAS	Outdoor 4

Note: Figures are based on 230 Volts.

21

9 AND 12,000 BTUh WALL MOUNT HEAT PUMPS









































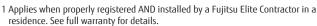












- 2 Available only with optional wired remote control.
- 3 Available only with optional wired remote control and optional interface kit.
- 4 Available only with optional interface kit. Operation monitoring and On/Off control 5 See page 13 for details.

BUILT IN FILTRATION

LONG-LIFE ION DEODORIZATION FILTER





The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine particle

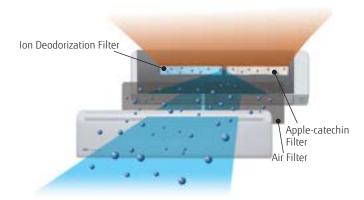
ceramic. The filter can be used for approximately 3 years if it is washed with water when dirty to restore its surface action.





, APPLE-CATECHIN FILTER

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



STRENGTH AND RELIABILITY

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

EXTRA LOW TEMP HEATING - COMING Q3 21 **

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

OPTIONAL ACCESSORIES

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



SYSTEMS 09LMAS1, 12LMAS1 COMING Q3 21 - HIGH HEAT SYSTEMS 09LMAH1, 12LMAH1

		09LN	MAS1	12LN	ЛAS1	09LN	ЛАН1	12LN	ЛАН1
UP TO 26.5 SEER		ener	财公	ener	MA CONTRACTOR	lner	好公	ener	财公
		ENERG	Y STAR	ENERG	Y STAR	ENERG			SY STAR
Performance							H		H
Nominal Cooling	BTUh		000	12,			000		000
MinMax. Cooling	BTUh	-	10,900		13,300		-11,500		-13,300
Nominal Heating	BTUh		000	16,			000		000
MinMax. Heating	BTUh		15,000	2,800~	19,100		-16,000		-19,100
SEER		26	5.5	23	3.0	26	5.5	2	23
HSPF		13	3.0	12	2.5	1	3	12	2.5
EER			ı.3	12			5.4		2.5
Cooling Operating Range	°F (°C)	14~115	(-10~46)	14~115			(-10 to 46)		(-10 to 46)
Heating Operating Range	°F (°C)	5~75 (-	15~24)	5~75 (-	15~24)	-15 to 75	(-26 to 24)	-15 to 75	(-26 to 24)
Moisture Removal	Pt./h (l/h)	2.7	(1.3)	3.8	(1.8)	2.7	(1.3)	3.8	(1.8)
Fan (Cooling Mode)									
Air Circulation: Hi	CFM (m3/h)	453	(770)	453			(770)		(770)
Medium	CFM (m3/h)		(600)	353			(600)		(600)
Low	CFM (m3/h)	265	(450)	265			(450)		(450)
Quiet	CFM (m3/h)	147	(250)	147	(250)	147	(250)	147	(250)
Fan Speed Stage			Auto	4+4	luto	4+/	Auto	4+	∖uto
Sound									
Indoor Sound Level (Clg/Htg): Hi	dB(A)	43	/43	43.	/43		/43	43	/43
Medium	dB(A)	36	/38	36	/38	36	/38	36	/38
Low	dB(A)	30	/33	30	/33	30	/33	30	/33
Quiet	dB(A)	19	/21	19.	/21	19	/21	19	/21
Outdoor Sound Level Clg/Htg	dB(A)		/48	49	/51	46	/48	49	/51
Electrical									
Voltage/Frequency/Phase		208-23	30/60/1	208-23	30/60/1	208-23	30/60/1	208-23	30/60/1
Circuit Breaker	Amps	1	5	1	5	1	5	1	5
Current Rated/Max: Cooling	Amps	3.1	/6.4	4.7	/6.9	3/	6.9	4.7	/6.9
Current Rated: Heating	Amps	4.0	/7.9	6.0	/9.4	3.9	/9.4	6/	9.4
Power Use Rated/Max: Cooling	kW	0.63	/0.92	0.96	/1.27	0.585	5/1.27	0.96	/1.27
Power Use Rated/Max: Heating	kW	0.84	/1.61	1.28	/1.67	0.79	/1.67	1.28	/1.67
Size & Weight									
Net Weight	lbs. (kg)	22 (10)	68 (31)	22 (10)	71 (32)	22 (10)	73 (33)	22 (10)	73 (33)
Discouries Height	Inch	10-5/8	21-5/16	10-5/8	21-5/16	10-5/8	21- 5/16	10-5/8	21- 5/16
Dimensions: Height	mm	270	542	270	542	270	542	270	542
	Inch	32-13/16	31-7/16	32-13/16	31-7/16	32-13/16	31- 7/16	32-13/16	31- 7/16
Width	mm	834	799	834	799	834	799	834	799
	Inch	8-3/4	11-7/16	8-3/4	11-7/16	8-3/4	11- 7/16	8-3/4	11- 7/16
Depth	mm	222	290	222	290	222	290	222	290
Refrigerant			10A		10A		10A		10A
Additional Data									
Air Direction: Horizontal		Mai	nual	Mar	nual	Mai	nual	Ma	nual
Vertical			matic		matic	Auto	matic	Auto	matic
Air Filter		Wash	nable	Wash	nable	Wash	abale	Wash	abale
Minimum Lineset Length	Ft (m)	16		16		16	(5)	16	(5)
		66			(20)		(20)		(20)
Maximum Lineset Length	Ft (m)		rge: 49')		rge: 49')	(pre-cha	irge: 49')		rge: 49')
Max. Vertical Diff.	Ft (m)	49		49	_		(15)		(15)
Lineset Size	Inch	Gas 3/8	Lig. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4
			30r S1	oor				DOC	200F
		Indoor ASUG09LMAS	Outdoor- AOUG09LMAS1	Indoor Base ASUG12LMAS	Outdoor- AOUG12LMAS1	Indoor ASUH09LMAS	Outdoor AOUH09LMAH1	Indoor B ASUH12LMAS	Outdoor AOUH12LMAH1
		505	160	C12	01 121	- 50H	01 39L	H12	01 12L
		SU	ĵ.	SU	DO	SUI	JHC.	SUI	JH.
		⋖	90	<	A0	<	AOI	<	AOI

Note: Figures are based on 230 Volts.

18 AND 24,000 BTUh WALL MOUNT HEAT PUMPS



































residence. See full warranty for details.

- 2 RLXFW1 systems only.
- 3 RLXFW1 systems require optional wired remote control.

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

HIGH PERFORMANCE HEATING CAPACITY

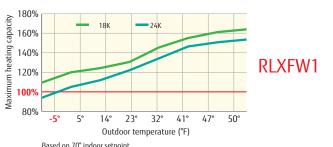
The RLXFWH model can operate down to -15°F. See the full story on page 14.

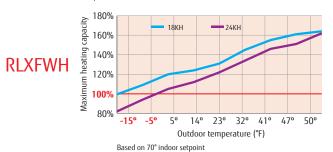
OPTIONAL ACCESSORIES

UTY-RVNUM
UTY-RNNUM
UTY-RSNUM
UTY-XWZX
UTY-TFNXZ2



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







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

		18RL	XFW1	24RL	XFW1	18RL	KFWH	24RL	KFWH
UP TO 20 SEER		<u> </u>	SY STAR	eneng ENERG	Y STAR		Y STAR	ener t enerc	
Performance						XL	H	XLi	H
Nominal Cooling	BTUh	18,	000	22,	000	18,	000	22,	000
MinMax. Cooling	BTUh	7,000~	23,000	9,900~	27,300	7,000~	23,000	9,900~	27,300
Nominal Heating	BTUh		600	25,	200	21,	600	25,	
MinMax. Heating	BTUh	7,000~	29,000	7,500~	36,200	7,000~	29,000	7,500~	36,200
SEER			0.0	19	9.5		0.0	19	.5
HSPF		10).5	10	0.6	10).4	10).5
EER			3.3	12		13		12	
Cooling Operating Range	°F (°C)	-5~115		-5~115	(-20~46)	-5~115		-5~115 (-20~46)
Heating Operating Range	°F (°C)	-5~75 (-20~24)	-5~75 (-20~24)	-15~75		-15~75 (
Moisture Removal	Pt./h (l/h)	5.9	(2.8)	6.3	(3.0)	5.9	(2.8)	6.3 ((3.0)
Max Htg % of Nominal Capacity at +		12	0%	10	5%	12	0%	10	5%
Max Htg % of Nominal Capacity at -	5°F (-21°C)*	10	9%	94	4 %	10	9%	94	- %
Max Htg % of Nominal Capacity at -1	5°F (-26°C)*		-		-	10	0%	82	2%
Fan (Cooling Mode)									
Air Circulation: Hi	CFM (m3/h)	541		659 (1,120)	541		659 (1	1,120)
Medium	CFM (m3/h)	435		530		435		530 (900)
Low	CFM (m3/h)	365		435	(740)	365		435 (
Quiet	CFM (m3/h)	306	(520)	365	(620)	306	(520)	365 ((620)
Fan Speed Stage		4+/	Auto	4+4	Auto	4+4	uto	4+A	uto
Sound									
Indoor Level (Clg/Htg): Hi	dB(A)		/44	49			/44	49/	
Medium	dB(A)		/37	42.			/37	42	
Low	dB(A)		/33	37.		33/33		37/	
Quiet	dB(A)		/28	33.	/33	28	/28	33/	/33
Outdoor Level Clg/Htg	dB(A)	47	/50	54.	/55	47.	/50	54/	/55
Electrical	1			ı				I	
Voltage/Frequency/Phase		208-23		208-23		208-23		208-23	
Circuit Breaker	Amps		0	3			0	2	
Current Rated/Max: Cooling	Amps		13.5		15.0	6.2/		7.9	
Current Rated/Max: Heating	Amps		14.5	8.6/		7.8/		8.6/	
Power Use Rated/Max: Cooling	kW	1.35	/3.01	1.76	/3.42	1.35	/3.01	1.76	/3.42
Power Use Rated/Max: Heating	kW	1.80	/3.23	2.38	/3.53	1.75	/3.23	1.94	/3.53
Size & Weight									
Net Weight	lbs. (kg)	31 (14)	134 (61)	31 (14)	134 (61)	31 (14)	135 (61)	31 (14)	135 (61)
Dimensions: Height	Inch	12-5/8	32-3/4	12-5/8	32-3/4	12-5/8	32-3/4	12-5/8	32-3/4
	mm	320	830	320	830	320	830	320	830
Width	Inch	39-1/4	35-3/8	39-1/4	35-3/8	39-1/4	35-3/8	39-1/4	35-3/8
	mm	998	900	998	900	998	900	998	900
Depth	Inch	9	13	9	13	9	13	9	13
·	mm	228	330	228	330	228	330	228	330
Refrigerant		R4	10A	R4	10A	R4	10A	R41	10A
Additional Data				1 .					
Air Direction: Horizontal			matic		matic		matic	Autor	
Vertical			matic		matic		matic	Autor	
Air Filter			nable		nable		nable	Wash	
Minimum Lineset Length	Ft (m)		(5)	16		16		16	
Maximum Lineset Length	Ft (m)	(pre-cha	(50) irge: 66')		(50) irge: 66')		(50) rge: 65')	164 (pre-cha	(50) rge: 65')
Max. Vertical Diff.	Ft (m)		(30)	98	i :	98 (-	98 (
Lineset Size	Inch	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas5/8	Liq.3/8	Gas5/8	Liq.3/8
* Based on model # capacity class (e based on 9,000 BTUh) @ 70°F indo Refer to the Design & Technical Ma heating capacity data.	or setpoint.	Indoor ASU18RLF	Outdoor - AOU18RLXFW1	Indoor ASU24RLF	Outdoor -	Indoor ASU18RLF	Outdoor - AOU18RLXFWH	Indoor ASU24RLF	Outdoor - AOU24RLXFWH

Note: Figures are based on 230 Volts.

30,000 BTUh WALL MOUNT HEAT PUMP



























































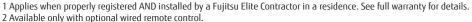




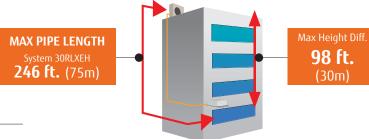








The 30RLXEH is specially engineered for applications that require cooling year round, and/or rooms with large heat loads such as classrooms and conference rooms.



EXTENDED LINESET

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

LEAD-LAG FUNCTION

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

Lead-lag function provides the following operation modes:

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

LOCK OUT FUNCTION

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

HIGH PERFORMANCE HEATING CAPACITY

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

ADDITIONAL APPLICATIONS THAT MAY REQUIRE LOW AMBIENT COOLING:

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

OPTIONAL ACCESSORIES

UTY-TFNXZ2^
UTY-TFSXZ2
UTY-RNRUZ Series
UTY-RVNUM UTY-RNNUM
UTY-RSNUM
UTY-XCSXZ1
UTZ-GXXB
UTY-XWZXZ3



HIGH-HEAT SYSTEM 30RLXEH

UP TO 18.7 SEER		energ	XEH YSTAR
Performance		XII	H
Nominal Cooling	BTUh	30,0	
MinMax. Cooling	BTUh	9,900~	
Nominal Heating	BTUh	32,0	000
MinMax. Heating	BTUh	8,000~	37,500
SEER		18	3.7
HSPF		11	.7
EER		12	2.5
Cooling Operating Range	°F (°C)	-5~115 ((-20~46)
Heating Operating Range	°F (°C)	-15~75 (
Moisture Removal	Pt./h (l/h)	9.7 (
Max Htg % of Nominal Capacity at +5°F (-15°C)*	,	10	
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)	l		
Air Circulation: Hi	CFM (m3/h)	812 (1	1,380)
Medium	CFM (m3/h)	665 (1	
Low	CFM (m3/h)	536 (
Quiet	CFM (m3/h)	418 (
Fan Speed Stage	ciw (ms/m	4+A	
Sound		7.7	1010
Indoor Sound Level (Clg/Htg): Hi	dB(A)	50/	/49
Medium	dB(A)	45/	
Low	dB(A)	38/	
Quiet	dB(A)		/32
Outdoor Sound Level Clg/Htg	dB(A)	53/	
Electrical	ub(A)	וככ	74
Voltage/Frequency/Phase		200.22	0.016.011
Voltage/Frequency/Priase Circuit Breaker	A	208-23	
	Amps	3	
Current Rated: Cooling	Amps	10	
Current Rated: Heating	Amps	12	
Power Use Rated/Max: Cooling	kW	2.40/	
Power Use Rated/Max: Heating	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	1,290
Width	Inch	45-1/4	35-3/8
	mm	1,150	900
Depth	Inch	11	13
<u>ьераі</u>	mm	280	330
Refrigerant		R41	10A
Additional Data			
Air Direction: Horizontal		Autor	matic
Vertical		Autor	matic
Air Filter		Wash	nable
Minimum Lineset Length	Ft (m)	16	(5)
	` ′	246	
Maximum Lineset Length	Ft (m)	(pre-cha	
Max. Vertical Diff.	Ft (m)	98 (
Lineset Size	Inch	Gas 5/8	Liq. 3/8
*Based on model # capacity class (e.g. 09LZAS1 base BTUh) @ 70°F indoor setpoint. Refer to the Design of Manual for more heating capacity data. Note: Figures are base	ed on 9,000 & Technical	Indoor (S	Outdoor 5

³ Available only with optional Interface kit.

⁴ See page 13 for details.

[^] Wired remotes cannot be used when using this feature. This includes UTY-RNRUZ Series, UTY-RVNUM, UTY-RNNUM, UTY-RSNUM.

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

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





































FUNCTION

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

EASY MAINTENANCE

Front panel is easily removed for cleaning.

APPLICATIONS

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



SYSTEMS 9RL2, 12RL2

16.0 SEER		9R	L2	121	RL2			
Performance								
Nominal Cooling	BTUh	9,0	00	12,	000			
MinMax. Cooling	BTUh	1,700~	10,700	3,100~12,500				
Nominal Heating	BTUh	10,0	000	14,000				
MinMax. Heating	BTUh	1,700~		3,100~16,000				
SEER		16		16.0				
HSPF		9.	.0	9.0				
EER		10			10.0			
Cooling Operating Range	°F (°C)	15~115	(-10~46)	15~115	(-10~46)			
Heating Operating Range	°F (°C)	15~75 (15~75 (
Moisture Removal	Pt./h (l/h)	2.7 (3.8				
Fan (Cooling Mode)	,		,		,			
Air Circulation: Hi	CFM (m3/h)	436 (740)	436 ((740)			
Medium	CFM (m3/h)	353 (· · ·	353 (
Low	CFM (m3/h)	265 (265 (
Quiet	CFM (m3/h)	191 (191				
Fan Speed Stage	- (- ,	4 + /		4+/	` '			
Sound								
Indoor Sound Level (Clg/Htg): Hi	dB(A)	43/	/43	43,	/43			
Medium	dB(A)	38/		38/38				
Low	dB(A)	33/		33/33				
Quiet	dB(A)	23/		23/23				
Outdoor Sound Level Clg/Htg	dB(A)	47/		51,				
Electrical	35 (7.1)			3	<u> </u>			
Voltage/Frequency/Phase		115/	60/1	115/	60/1			
Circuit Breaker	Amps	1		2				
Current Rated: Cooling	Amps	7.		10.9				
Current Rated: Heating	Amps	7.		11.0				
Power Use Rated: Cooling	kW	0.0		1.20				
Power Use Rated: Heating	kW	0.		1.				
Size & Weight			•					
Net Weight	lbs. (kg)	16 (7)	64 (29)	16 (7)	69 (31)			
	Inch	10-5/16	21-1/4	10-5/16	21-1/4			
Dimensions: Height	mm	262	540	262	540			
	Inch	32-9/32	26	32-9/32	26			
Width	mm	820	660	820	660			
	Inch	8-1/8	11-11/32	8-1/8	11-11/32			
Depth	mm	206	290	206	290			
Refrigerant			0A		10A			
Additional Data								
Air Direction: Horizontal		Маг	nual	Mar	nual			
Vertical		Autor		Autor				
Air Filter		Wash			nable			
Minimum Lineset Length	Ft (m)	10		10				
Maximum Lineset Length	Ft (m)	66 (pre-cha	20)	66 (
Max. Vertical Diff.	Ft (m)	(pre-cha 49 (
Lineset Diameter	Inch	Gas 3/8	Liq. 1/4	49 (15) Gas 3/8 Liq. 1/4				
Lineset Diameter	IIICII							
		Indoor ASU9RL2	Outdoor AOU9RL2	Indoor ASU12RL2	Outdoor AOU12RL2			

Note: Figures are based on 115 Volts.

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









AOU30RLXB AOU36RLXB

















































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

- 2 Available only with optional wired remote control.
- 3 Available only with optional Interface kit.
- 4 RLXB models only.
- 5 RLB models only.
- 6 See page 13 for details.

FUNCTION

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

OPTIONAL ACCESSORIES

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

LOCK OUT FUNCTION

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



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

UP TO 19.0 SEER		lner	RLB WYSTAR	24RLB		30RLXB		36R	RLXB
Performance				1					
Nominal Cooling	BTUh		000		000	-	000	33,000	
MinMax. Cooling	BTUh	-	19,000	-	25,000		32,400		-34,100
Nominal Heating	BTUh	18,	000	24,	000	· ·	000		000
MinMax. Heating	BTUh		20,000	-	27,000	· ·	33,000		~35,000
SEER		19	9.0		3.0	16	5.5	15	5.5
HSPF).6		0.6		.0		.0
EER		12	2.5	10	0.0	9	.5	8	.5
Cooling Operating Range	°F (°C)	14~115	(-10~46)	14~115	(-10~46)	14~115	(-10~46)	14~115	(-10~46)
Heating Operating Range	°F (°C)		15~24)	5~75 (-15~24)	5~75 (-	15~24)	5~75 (-	-15~24)
Moisture Removal	Pt./h (l/h)	4.0	(1.9)	6.3	(3.0)	9.7	(4.6)	10.1	(4.8)
Fan (Cooling Mode)									
Air Circulation: Hi	CFM (m3/h)	542	(920)		120) Clg		120) Clg	695 (1,180)
Medium	CFM (m3/h)	439			100) Htg (900)	530	150) Htg (900)		(900)
Low	CFM (m3/h)	365			(740)	436			(740)
Quiet	CFM (m3/h)	306			(620)	365			(620)
	CIW (III5/II)		Auto		Auto		Auto		Auto
Fan Speed Stage		4+/-	NULO	4+/	Auto	4+/-	NULO	4+/	AULO
Sound	15/11								
Indoor Sound Level (Clg/Htg): Hi	dB(A)	42/43		47/47 41/42		47/49		50/50	
Medium	dB(A)	35				42/42		42/42	
Low	dB(A)	31/33		35/36		37/37		37/37	
Quiet	dB(A)	26/28		31/33		32/33			/33
Outdoor Sound Level Clg/Htg	dB(A)	dB(A) 51/50		54/55		52/55		52	/55
Electrical				1		1		1	
Voltage/Frequency/Phase		208-23			30/60/1	208-230/60/1			30/60/1
Circuit Breaker	Amps		5	20		30		30	
Current Rated/Max: Cooling	Amps	6.4		10.5/11.8		13.8/16.8		17.0/18.0	
Current Rated/Max: Heating	Amps		11.8	8.5/13.8		12.3/18.8		14.8/18.8	
Power Use Rated: Cooling	kW		/1.89	2.40/2.69		3.16/3.83		3.88/4.10	
Power Use Rated: Heating	kW	1.29	/2.69	1.93	/3.14	2.80/4.28		3.39/4.28	
Size & Weight		1		1	I	1		1	_
Net Weight	lbs. (kg)	31 (14)	86 (39)	31 (14)	86 (39)	31 (14)	134 (61)	31 (14)	134 (61)
Dimensions: Height	Inch	12-5/8	24-7/16	12-5/8	24-7/16	12-5/8	32-11/16	12-5/8	32-11/16
Jimensions: rieigne	mm	320	620	320	620	320	830	320	830
Width	Inch	39-5/16	31-1/8	39-5/16	31-1/8	39-5/16	35-7/16	39-5/16	35-7/16
Wideli	mm	998	790	998	790	998	900	998	900
Depth	Inch	9	11-7/16	9	11-7/16	9	13	9	13
<u>'</u>	mm	228	290	228	290	228	330	228	330
Refrigerant		R4	10A	R4	10A	R4	10A	R4	10A
Additional Data		1		1		1		1	
Air Direction: Horizontal			matic		matic		matic		matic
Vertical			matic		matic		matic		matic
Air Filter		Washable			hable		nable		hable
Minimum Piping Length	Ft (m)	Ft (m) 10 (3)		10	(3)	16	(5)	16	(5)
Maximum Piping Length	Ft (m)		(20) irge: 49')		(20) arge: 49')	165 (50) (pre-charge: 66')			(50) arge: 66')
Maximum Vertical Differential	Ft (m)	49	(15)	49	(15)	98 (30)		98	(30)
Lineset Size	Inch	Gas 1/2	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
		Indoor ASU18RLB	Outdoor AOU18RLB	Indoor ASU24RLB	Outdoor AOU24RLB	Indoor ASU30RLXB	Outdoor AOU30RLXB	Indoor ASU36RLXB	Outdoor AOU36RLXB

Note: Figures are based on 230 Volts.

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































2 Available with optional wired remote control.

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







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)

3 RLFFH models only. 4 See page 13 for details.

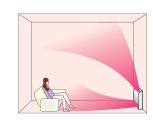
RLFF models can operate down to -5°F. RLFFH models can operate down to -15°F. See the full **22** story on page 14.

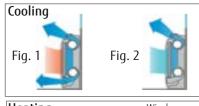
OPTIONAL ACCESSORIES

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

TWO FANS AND WIDE AIRFLOW

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





- bottom louvers open. . As the room temperature nears
- the setpoint, only the top louver stays open to help prevent cold air from falling.

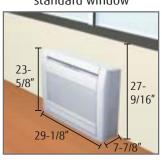
Upon startup, both top and



- . 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 portion



Low Wall Mount



Half concealed*



*Field supplied insulation required

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

UP TO 26 SEER		9RI energy			LFF	15R	RLFF	9RL	FFH		_FFH		LFFH
OF TO 20 SELIC			Y STAR		•	ENERG		ENERO	SY STAR		Y STAR	ENERGY STAR	
Performance		LIVERIO	OTAIT	- Interior	TOTALL			XLT	H	XLT	4	XLT	
Nominal Cooling	BTUh	9,0	000	12,	000	14,2	200		000	12,			200
MinMax. Cooling	BTUh	3,100~	13,000	3,100~	14,300	3,100~17,700			13,000	3,100~			17,700
Nominal Heating	BTUh		000	16,		18,			000	16,			000
MinMax. Heating	BTUh		18,800	3,100~		3,100~			18,800	3,100~		3,100~	20,800
SEER		26		22		20		-	5.0	22			0.3
HSPF		12	2.6	11		11	.2	12	2.4	11		11	1.0
EER		16	5.0	13	5.1	12	2.5	16	5.0	13	5.1	12	2.5
Cooling Operating Range	°F (°C)	14~115		14~115		14~115			(-10~46)	14~115			(-10~46)
Heating Operating Range	°F (°C)	-5~75 (-		-5~75 (-5~75 (-			(-26~24)	-15~75 ((-26~24)
Moisture Removal	Pt./h (l/h)	2.75		3.8		4.44			(1.3)	3.8 ((2.1)
Max Htg % of Nominal Capacity at			9%	12		118			9%	12			8%
Max Htg % of Nominal Capacity at		13		11			7%		0%	11			7%
Max Htq % of Nominal Capacity at -			-		-	-			5%	10			5%
Fan (Cooling Mode)	- (= 3 %)									.0		, ,	
Air Circulation: Hi	CFM (m3/h)	335 ((570)	335	(570)	383 ((650)	335	(570)	335 ((570)	383	(650)
Medium	CFM (m3/h)	271 (271		306 ((460)	271 ((520)
Low	CFM (m3/h)	212 (212		235 ((360)	212 ((400)
Quiet	CFM (m3/h)	159 (159		159 ((270)	159 ((270)
Fan Speed Stage	- (- /	4+4		4+4		4+A		i	Auto	4+4	· · · · · · · · · · · · · · · · · · ·		Auto
Sound													
Indoor Level (Clg/Htg): Hi	dB(A)	40,	/40	40	/40	44,	/43	40	/40	40	/40	44/43	
Medium	dB(A)		/35	35.		38/37		35/35		35/35		38/37	
Low	dB(A)	29		29		31/29		29/29		29/29		31/29	
Quiet	dB(A)	23		23.		23/23		23/23		23/23		23/23	
Outdoor Level Clg/Htg	dB(A)	50		52		54/54			/50	52/52			/54
Electrical								•					
Voltage/Frequency/Phase		208-23	80/60/1	208-23	0/60/1	208-230/60/1		208-230/60/1		208-23	0/60/1	208-23	30/60/1
Circuit Breaker	Amps	1	5	1	5	20		15		15		2	20
Current Rated: Cooling	Amps	2.	.9	4	.2	5.1		2.9		4.2		5.1	
Current Rated: Heating	Amps	4.	.1	6	.7	7.	.0	4.1		6.7		7.0	
Power Use Rated: Cooling	kW	.5	66	.0)7	1.	13		56	.9)7	1.13	
Power Use Rated: Heating	kW	.8	88	1.	44	1.:	58	.8	38	1.4	44	1.	58
Size & Weight		•					30		.00 1.44 1				
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)
	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
Dimensions: Height	mm	600	620	600	620	600	620	600	620	600	620	600	620
Me let	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
Width	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		R41	I0A	R4	I0A	R41	10A	R4	10A	R41	I0A	R4	10A
Additional Data													
Air Direction: Horizontal		Mar	nual	Mar	nual	Mar	nual	Mai	nual	Mar	nual	Mai	nual
Vertical		Au	ito	Αι	ito	Au	ito	Αι	ıto	Au	ito	Αι	ıto
Air Filter		Wash	nable	Washable		Wash	nable		nable	Wash	nable		hable
Minimum Lineset Length	Ft (m)	10	(3)	10	(3)	10		10	(3)	10	(3)	10	(3)
Maximum Lineset Length	Ft (m)	66 (pre-cha)	(20) rge: 49')	66 (pre-cha	rge: 49')	66 (pre-cha)			(20) irge: 49')	66 (pre-cha	rge: 49')		(20) arge: 49')
Max. Vertical Differential	Ft (m)	49 (1	49		49 (, ,		(15)	49 (49	1
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4
* Based on model # capacity class based on 9,000 BTUh) @ 70°F inc Refer to the Design & Technical M more heating capacity data.	loor setpoint.	Indoor AGU9RLF	Outdoor AOU9RLFF	Indoor AGU12RLF	Outdoor AOU12RLFF	Indoor AGU15RLF	Outdoor AOU15RLFF	Indoor AGU9RLF	Outdoor AOU9RLFFH	Indoor AGU12RLF	Outdoor AOU12RLFFH	Indoor AGU15RLF	Outdoor AOU15RLFFH

Note: Figures are based on 230 Volts.

33

9, 12, 18,000 BTUh COMPACT CASSETTE HEAT PUMPS









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









































2 Available only with optional wireless remote control.

- 4 Available only with optional Interface kit. Operation monitoring and On/Off control only.
- 5 9k and 18k models only
- 6 See page 13 for details.

FUNCTION

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

FLEXIBLE INSTALLATION

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



QUIET OPERATION

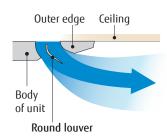
Unique fan design (laminar wing design) provides whisperquiet operation with sound pressure levels as low as 27dB(A).

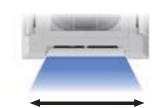




CONSISTENT AIRFLOW DISTRIBUTION

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





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

OPTIONAL ACCESSORIES



SYSTEMS 9RLFCC, 12RLFCC, 18RLFCC

UP TO 24.0 SEER		9RLFCC Onergy Energy STAR ENERGY STAR					18RLFCC				
Performance			ENERGY STAR			ENERGY STAR					
Nominal Cooling	BTUh		9 000			12,000			18,000		
MinMax. Cooling	BTUh	3		າດ	3	100~13,60	າດ	3	100~20,10	າດ	
Nominal Heating	BTUh	, ,		30	, ,	16,000	,,		21,600	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
MinMax. Heating	BTUh	3		20	3	100~19,40)()	3	,100~25,60	00	
SEER	5.0	3,				21.9	,,,		20.1	,,,	
HSPF						12.2			11.5		
EER			14.5			12.8			11.2		
Cooling Operating Range	°F (°C)	14~	-115 (-10~	46)	14~	·115 (-10~	46)	14~	-115 (-10~	46)	
Heating Operating Range	°F (°C)	-5	~75 (-21~2	24)	-5 [,]	~75 (-21~2	24)	-5	~75 (-21~2	24)	
Moisture Removal	Pt./h (l/h)	h) 1.3 (.06)			2.5 (1.2)			4.6 (2.2)			
Fan (Cooling Mode)		,									
Air Circulation: Hi	CFM (m3/h)		318 (540)			359 (610)			400 (680)		
Medium	CFM (m3/h)	24.0 13.0 14.5 14~115 (-10~46) -5~75 (-21~24) 1.3 (.06) 318 (540) 288 (490) 259 (440) 230 (390) 4+auto 33/34 32/32 29/29 28/27 48/49 208-230/60/1 15 3.0 4.1 0.62/1.40 0.89/1.80			312 (530)			341 (580)			
Low	CFM (m3/h)		259 (440)			277 (470)			288 (490)		
Quiet	CFM (m3/h)		230 (390)			241 (410)		241 (410)			
Fan Speed Stage			4+auto			4+auto			4+auto		
Sound		4+auto									
Indoor Sound Level (Clg/Htg): Hi	dB(A)	13.0 14.5 14.5 14-715 (-10~46) -5~75 (-21~24) h) 1.3 (.06) 318 (540) 288 (490) 259 (440) 230 (390) 4+auto 33/34 32/32 29/29 28/27 48/49 208-230/60/1 5 3.0 4.1 0.62/1.40 0.89/1.80 33 (15) 9-11/16 1-15/16 24-1/2 245 49 620 22-7/16 24-7/16 31-3/32 570 620 790 22-7/16 24-7/16 11-11/32 570 620 290			37/37			40/44			
Medium	dB(A)	1, 3,100~12,000 1, 12,000 1, 3,100~18,000 24.0 13.0 14.5 1, 14.5 1, 14.5 1, 14.5 1, 13. (.06) 1, 13. (.06) 1, 13. (.06) 1, 13. (.06) 1, 14.5 1, 13. (.06) 1, 14.5 1, 13. (.06) 1, 15. (.06) 1, 16. (.06) 1, 17. (.06) 1, 18. (.06) 1, 19. (.06)			33/33			36/40			
Low	dB(A)					31/31			32/36		
Quiet	dB(A)					28/28			28/30		
Outdoor Sound Level Clg/Htg	dB(A)		48/49			49/50			54/55		
Electrical	I	_			_			_			
Voltage/Frequency/Phase		20		/1	20	08-230/60	/1	208-230/60/1			
Circuit Breaker	Amps					15			20		
Current Rated: Cooling	Amps					4.4			7.1		
Current Rated: Heating Power Use Rated/Max: Cooling	Amps					6.7		7.7			
Power Use Rated/Max: Heating	kW kW					0.94/1.45			1.61/2.15		
Size & Weight	KVV		0.03/1.00			1.44/2.00			1.70/2.00		
Net Weight	lbs. (kg)	33 (15)		8/. (38)	33 (15)		84 (38)	33 (15)		86 (39)	
Dimensions: Height	Inch		1-15/16		9-11/16	1-15/16	24-1/2	9-11/16	1-15/16	24-1/2	
Difficusions. Height	mm				245	49	620	245	49	620	
Width	Inch				22-7/16	24-7/16	31-3/32	22-7/16	24-7/16	31-3/32	
	mm				570	620	790	570	620	790	
Depth	Inch				22-7/16	24-7/16	11-11/32	22-7/16	24-7/16	11-11/32	
	mm				570	620	290	570	620	290	
Refrigerant						R410A			R410A		
Additional Data											
Air Direction: Vertical			Automatic			Automatic			Automatic		
Air Filter						Washable			Washable		
Minimum Lineset Length	Ft (m)					10 (3)			10 (3)		
Maximum Lineset Length	Ft (m)	66 (20		ge: 49')	66 (20	O) (pre-charg	je: 49')	66 (2)	O) (pre-charg	je: 49')	
Max. Vertical Diff.	Ft (m)		49 (15)			49 (15)			49 (15)		
Lineset Size	Inch	Gas 3/8		Liq. 1/4	Gas 3/8		Liq. 1/4	Gas 1/2		Liq. 1/4	
		Indoor AUU9RLF	Grille UTG-CCGFG	Outdoor AOU9RLFC	Indoor AUU12RLF	Grille UTG-CCGFG	Outdoor AOU12RLFC	Indoor AUU18RLF	Grille UTG-CCGFG	Outdoor - AOU18RLFC	
							`			2201/1	

Note: Figures are based on 230 Volts.

³ Requires Fujitsu's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.

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



















4 See page 13 for details.



2 Available only with optional wireless remote control.



3 Available only with optional Interface kit. Operation monitoring and On/Off control only.



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

















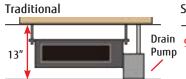




Slim ducts provide cooling or heating for small room applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction. Long maximum combined piping length of 66' and 49' in height allow for versatile installations. Either horizontal or vertical flexibility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

SLIM DUCT

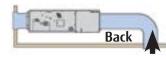
Built-in drain pump allows for installation of slim duct unit in smaller spaces than traditional units.





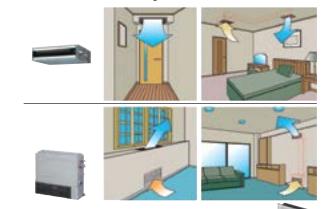
RETURN AIR-INTAKE CHOICES





FLEXIBLE INSTALLATION

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



OPTIONAL ACCESSORIES	
Wised Demoke Control	

Wired Remote Control	UIY-RVNUM
Wireless Remote and Receiver	UTY-LRHUM
Auto Louver Grille Kit (ARU7/9/12)	UTD-GX(S/T)A-W
Auto Louver Grille Kit (ARU18)	UTD-GX(S/T)B-W
Wi-Fi Interface Module	UTY-TFNXZ2

FIELD SUPPLIED FILTERS USED WITH SLIM DUCT UNITS

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

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

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

shown.

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

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

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

SYSTEMS 9RLFCD, 12RLFCD, 18RLFCD

			9RL	FCD			12RI	LFCD			18R	LFCD		
UP TO 21.5 SEER			_Onen	SY STAR			_Onen	SY STAR						
Performance														
Nominal Cooling	BTUh		9,0	000			12,	000			18,	000		
MinMax. Cooling	BTUh							13,600				20,100		
Nominal Heating	BTUh							000				600	-	
MinMax. Heating	BTUh							19,400				25,600		
SEER								0.0				9.7		
HSPF								1.5 2.8				1.3 2.0		
EER Cooling Operating Range	°F (°C)							2.8 (-10~46)				2.0 (-10~46)		
Heating Operating Range	°F (°C)							-21~24)				-21~24)		
Moisture Removal	Pt./h (l/h)							$\frac{21}{(1.3)}$				(2.0)		
Fan (Cooling Mode)	1 (3/11 (1/11)	l	1.5	(.07)		l	2.,	(1.5)		<u> </u>		(2.0)		
Air Circulation: Hi	CFM (m3/h)		353	(600)			383	(650)			554	(940)		
Medium	CFM (m3/h)							(600)				(880)		
Low	CFM (m3/h)							(550)			483			
Quiet	CFM (m3/h)	265 (450)						(480)			442			
Fan Speed Stage			4+2	auto			4+2	auto			4+8	auto		
Sound		J												
Indoor Sound Level (Clg/Htg): Hi	dB(A)		28	/28			29	/29			32	/32		
Medium	dB(A)		27	/26			28	/28			30	/30		
Low	dB(A)	26/25						/27		29/29				
Quiet	dB(A)	25/24						/24		27/27				
Outdoor Sound Level Clg/Htg	dB(A)	48/49					49	/50			54	/55		
Electrical														
Voltage/Frequency/Phase		48/49					208-23	30/60/1		208-230/60/1				
Circuit Breaker	Amps		1	5		15				20				
Current Rated: Cooling	Amps					4.4				6.6				
Current Rated: Heating	Amps					6.0				7.3				
Power Use Rated/Max: Cooling	kW		0.62	/1.40		0.94/1.45				1.50/2.15				
Power Use Rated/Max: Heating	kW		0.85	/1.80		1.30/2.00				1.67/2.60				
Size & Weight														
Net Weight	lbs. (kg)	41 (19)			84 (38)				84 (38)	50 (23)			86 (39)	
Dimensions: Height	Inch			6	24-1/2	7-25/32		6	24-1/2	7-25/32		6	24-1/2	
	mm	198		152	620	198	151	152	620	198	151	152	620	
Width	Inch	27-9/16	19/32	22	31-3/32	27-9/16	25- 19/32	22	31-3/32	35-7/16	33- 15/32	30	31-3/32	
	mm	700	650	559	790	700	650	559	790	900	850	762	790	
Depth	Inch		3/4	3/4 Flat	11- 11/32	24- 13/32	3/4	3/4 Flat	11- 11/32	24- 13/32	3/4	3/4 Flat	11- 11/32	
рерип	mm	620	19	19 Flat	290	620	19	19 Flat	290	620	19	19 Flat	290	
Refrigerant			R4	10A			R4	10A			R4	10A		
Additional Data														
Static Pressure in. W. C.			0 ~	0.36			0 ~	0.36			0 ~	0.36		
Air Filter			Wash	nable			Wash	hable			Wasl	nable		
Minimum Lineset Length	Ft (m)		10	(3)			10	(3)			10	(3)		
Maximum Lineset Length	Ft (m)							(20) arge: 49')				(20) irge: 49')		
Max. Vertical Diff.	Ft (m)		49	(15)			49	(15)			49	(15)		
Lineset Size	Inch	4+auto 28/28 27/26 26/25 25/24 48/49 208-230/60 15 3.0 3.9 0.62/1.40 0.85/1.80 41 (19) 7-25/32 5-15/16 6 198 151 15 27-9/16 25-19/32 22 700 650 55 24-13/32 3/4 3/4 F 620 19 19 F R410A 0 ~ 0.36 Washable 10 (3) 66 (20) (pre-charge: 4 49 (15) Gas 3/8			Liq. 1/4	Gas 3/8 Liq. 1/4		Gas 1/2	Gas		Liq. 1/4			
	1	Indoor	SUPPLY DUCT FLANGE	RETURN	Outdoor AOU9RLFC	Indoor ARU12RLF	SUPPLY DUCT FLANGE	RETURN	Outdoor AOU12RLFC	Indoor ARU18RLF	SUPPLY DUCT FLANGE	RETURN DUCT	Outdoor AOU18RLFC	
									4			pased on 2		

37

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













ARU12RGLX

ARU18/24/30RGLX

ARU36/42/48RGLX

A0U12RLFC A0U18/24/30/36RGLX A0U42/48RGLX





























2 42, 48,000 BTUh systems only

FUNCTION



3 Available only with optional wireless remote control.

4 Available only with optional wired remote control.

residence. See full warranty for details.





















5 12,000 BTHu system only

- 8 See page 13 for details.

Fujitsu's three Medium Static Pressure Duct indoor units use the same energy efficient inverter technology you expect from Fujitsu mini-split products, and they have enough static pressure to heat or cool a whole house! SEER ratings up to 21.3 and a compact size mean these indoor units can find a place in many applications.

ENERGY EFFICIENT & QUIET OPERATION

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



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



V-shape heat exchanger



Energy efficient DC fan motor Lower power consumption

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

OPTIONAL ACCESSORIES

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

- 6 Available only with optional Interface kit. Operation monitoring and On/Off control
- 7 18, 24, 30, 36, 42, 48,000 BTUh systems only.

FEATURE HIGHLIGHTS

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

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



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

		12RC	验	18RGLXD ENERGY STAR		24RC	GLXD FYCT EX STAR	30RGLXD		36RGLXD		42RGLXD		48R0	GLXD
Performance															
Nominal Cooling	BTUh	12,0	000	18,0	000	241	000	30,	000	36,	000	42,0	000	48	000
MinMax. Cooling	BTUh	3,100-		5,400-2			29,000	9.600-		9,600-		17,100-			-50,000
Nominal Heating	BTUh	16,0		21,0		_	000	32,			000		000		000
MinMax. Heating	BTUh	3,100-		5,400-			32,400	9,200-		9,200-			-51,000		-55,000
SEER SEER	BIOII	21		19			7.5		i.5		5.7	170,000			5.6
HSPF		11		10).8).4		.3	10			0.3
EER		13		13			2.6	10).0	11).1
Cooling Operating Range	°F (°C)	14 -		-5 -			115		115		115		115		115
		(-20	- 46)	(-20	- 46)	(-20	- 46)	(-20	- 46)	(-20	- 46)	(-20	- 46)	(-20	- 46)
Heating Operating Range	°F (°C)	-5 - (-20		-5 - (-20			- 75 - 24)	-5 - (-20		-5 - (-20	- 75 - 24)		- 75 - 24)		- 75 - 24)
Moisture Removal	Pt./h (l/h)	1.5 (3.8 (4.0 (5.1 (5.3		5.5 ((3.9)
Fan (Cooling Mode)	,		,												
Air Circulation (Clg/Htg): Hi	CFM (m3/h)	500 (850)	618 (1050)	800 (1360)	1001 (1700)	1207 (i	2050) / (1850)	1501(2550)	1501	(2550)
Medium	CFM (m3/h)	400 (680)	494 (84በነ	636 (1080)	800 (1360)	965 (1201 ((2040)	1201	(2040)
Low	CFM (m3/h)	347 (430 (518 (700 (783 (971 (1650)
Quiet	CFM (m3/h)	300 (371 (400 (630 (630 (842 (1430)
Fan Speed Stage	CLW (III)	4 + /		4+			Auto	4 + /		4+			Auto	,	Auto
Sound		7.7	1010	7 . 7	1010	7.7	ideo	4.7	1010	4 . /	1010	4.7	1010	7.7	1010
Indoor Level (Clg/Htg): Hi	dB(A)	35/	/35	31/31		35	/35	38/38		37/35		40/40		40/40	
Medium	dB(A)	30/			28/28		/30	34/34		33/33		35/35		35/35	
Low	dB(A)	27/		25/			/28	30/30		30/30		33/33		33/33	
Quiet	dB(A)	24/		24/			/24	29/29		26/26		29/29		29/29	
Outdoor Level Clg/Htg	dB(A)	49/		47/			/55	53/55		54/56		55/		57/59	
Electrical	(db(A)	T 731	30	477	30		733	33/33		3 1130)))	37	37	155
Voltage/Frequency/Phase		208-23	0/60/1	208-23	0/60/1	208-23	30/60/1	208-23	IN/6N/1	208-23	R0/60/1	208-23	20/60/1	208-23	30/60/1
Circuit Breaker	Amps	1		200 23			0	30		30			0	30	
Current Rated: Cooling	Amps	3.		6.			.3	12.4		15.8		16.0		20.9	
Current Rated: Heating	Amps	5.		6.				10.9		12.6		16.1		19.5	
Power Use Rated/Max: Cooling	kW	0.89/		1.38/			9.0 10.9 90/2.82 2.83/3.43		3.60/4.00		3.65/4.47		4.75/5.01		
Power Use Rated/Max:	kW	1.20/	1.84	1.50/	2.19	2.06/2.96 2.48/3.27		/3.27	2.88/4.38		3.67/4.57		4.45/4.77		
Heating															
Size & Weight						I									
Net Weight	lbs.	66	84	93	134	93	134	93	134	121	134	121	209	121	209
Dimensions, U-1-b	(kg)	(30)	(38)	(42)	(61)	(42)	(61)	(42)	(61)	(55)	(61)	(55)	(95)	(55)	(95)
Dimensions: Height	Inch	11-13/16						11-13/16					1290		
Width	Inch	300 27- 9/16	620	300 39-3/8	830		830	300 39-3/8	830	300	830	300		300	1290
Width	Inch	700	790	1000	35-7/16 900	39-3/8 1000	35-7/16 900	1000	35-7/16 900	55-1/8 1400	35-7/16 900	55-1/8 1400	35-7/16 900	55-1/8 1400	35-7/16 900
Donth	mm			27-9/16										27-9/16	
Depth	Inch	700	290	700	13 330	27-9/16 700	13 330	27-9/16 700	13 330	27-9/16 700	13 330	27-9/16 700	13 330	700	13 330
Refrigerant	mm	700 R41					10A		10A		330 0A		330 0A		330 10A
Additional Data		K41	UA	R41	UA	K4	IUA	K4	UA	K4	IUA	K4	IUA	K4	IUA
Static Pressure in. W. C.		0.12 -	0.00	0.12 -	0.00	0.12	- 0.80	0.12	- 0.80	0.12	0.90	0.12	- 0.72	0.12	- 0.72
Min Lineset Length	Ft (m)	16					(5)	16		16		16			(5)
Max Lineset Length		66 (16 (5) 164 (50)		(50)	164		164		246			(75)
	Ft (m)	(pre-cha	rge 49')	(pre-cha	rge 66')	(pre-cha	arge 66')	(pre-cha	rge 66')	(pre-cha	rge 66')	(pre-cha	rge 98')	(pre-cha	arge 98')
Max Vertical Diff.	Ft (m)	49 (98 (30)	98 (98 ((30)	98	(30)	98 ((30)
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
		Indoor ARU12RGLX	Outdoor AOU12RLFC	Indoor ARU18RGLX	Outdoor AOU18RGLX	Indoor ARU24RGLX	Outdoor AOU24RGLX	Indoor ARU30RGLX	Outdoor _ AOU30RGLX _	Indoor ARU36RGLX	Outdoor AOU36RGLX	Indoor ARU42RGLX	Outdoor AOU42RGLX	Indoor ARU48RGLX	Outdoor AOU48RGLX
		Ā	<	Ā	¥	Ā	¥	Ā	¥	Ā	¥	Ā	¥	Ā	¥

INFINITE COMFORT SERIES 24, 30, 36, 48,000 BTUh

MULTI-POSITION AIR HANDLER UNITS

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









AMUG24-30LMAS

AOU24-30RGLX

AMUG36-48LMAS AOUG36-48LMAS1



















































5 Available only with optional Interface kit. Operation monitoring and On/Off control

6 24, 30 BTU/h systems only.

7 See page 13 for details.

4X QUIETER!

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

- 2 42, 48,000 BTUh systems only
- 3 Available only with optional wireless remote control.
- 4 Available only with optional wired remote control.

THE INFINITE COMFORT SERIES IS

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













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)

OUTDOOR UNIT FEATURES

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

OPTIONAL ACCESSORIES

Wired Remote Controller	UTY-RNRUZ Series
Simple Remote Controller	. UTY-RSRY / UTY-RHRY
Wireless LAN Interface	UTY-TFSXZ2
Thermostat Converter	UTY-TTRX
External Input and Output PCB*	UTY-XCSX
External Connect Kit	UTY-XWZXZG
Wire Kit	,
* The wireless LAN interface cannot be used at th	e same time. External

Connect Kit (UTY-XWZXZG) is required for the connection

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

		24R	GLXM	30RG	LXM	36LM	NAS1	48LN	MAS1
Performance									
Nominal Cooling	BTUh	24	000	300	00	36000		456	500
MinMax. Cooling	BTUh	5,400	- 29,000	9,600 - 35,000		13,000 - 38,000		13,000 - 48,000	
Nominal Heating	BTUh	27	27000		00	42000		53000	
MinMax. Heating	BTUh	5,400	- 32,400	9,200 -	39,000	11,000 -	52,000	11,000 -	54,000
SEER			19	18	.5	18	8	1	7
HSPF		1	0.7	10	.3	10	.2	10	.2
EER			12	10	.1	11	.3	8.	2
Cooling Operating Range	°F (°C)	-5 - 115	(-20 - 46)	-5 - 115 (-20 - 46)	14 - 115 (-10 - 46)	14 - 115 (-10 - 46)
Heating Operating Range	°F (°C)	-5 - 75 ((-20 - 24)	-5 - 75 (-	20 - 24)	-5 - 75 (-	20 - 24)	-5 - 75 (-	20 - 24)
Moisture Removal	Pt./h (l/h)	4.6	(2.2)	7.2 (3.4)	7.2 (3.4)	9.3 (4.4)
Fan (Cooling Mode)									
Air Circulation (Clg/Htg): Hi	CFM (m3/h)	800	(1359)	870 (1	478)	1200 (2039)	1640 (2786)
Medium	CFM (m3/h)	670	(1138)	730 (1	240)	740 (1	1257)	1020 (1733)
Low	CFM (m3/h)	590	(1002)	590 (1	002)	590 (1	1002)	820 (1	1393)
Quiet	CFM (m3/h)	310	(527)	310 (527)	490 (833)	590 (1	1002)
Fan Speed Stage		4+,	Auto	4+A	uto	4+A	uto	4+A	uto
Sound									
Indoor Level (Clg/Htg): Hi	dB(A))/37	42/		41/		48/	
Medium	dB(A)		ı/33	37/		30/		36/	37
Low	dB(A)		2/31	33/		27/28		31/32	
Quiet	dB(A)		5/25	28/		24/26		25/29	
Outdoor Level Clg/Htg	dB(A)	53	3/55	53/55		53/54		54/55	
Electrical									
Voltage/Frequency/Phase)V/60Hz/1	208-230\	//60Hz/1	208-230\	//60Hz/1	208-230\	//60Hz/1
Circuit Breaker	Amps		30	30		41		41	
Current Rated: Cooling	Amps		3.8	13		14		24.4	
Current Rated: Heating	Amps		0.9	13.		16.8		23	
Power Use Rated/Max: Cooling	kW		3.47	2.97/3.41		3.18/3.52		5.56/5.94	
Power Use Rated/Max: Heating	kW	2.48/3.47		3.02/4.16		3.82/5.39		5.35/	5.42
Size & Weight			T	1	T	T		1	1
Net Weight	lbs. (kg)	104 (47)	134 (61)	104 (47)	134 (61)	132 (60)	198 (90)	132 (60)	198 (90)
Dimensions: Height	Inch	42-8/16	32-11/16	42-8/16	32-11/16	57	39-5/16	57	39-5/16
	mm	1080	830	1080	830	1448	998	1448	998
Width	Inch	21	35-7/16	21	35-7/16	21	38-3/16	21	38-3/16
	mm	533	900	533	900	533	970	533	970
Depth	Inch	21-11/16	13	21-11/16	13	21-11/16	14-9/16	21-11/16	14-9/16
	mm	551	330	551	330	551	370	551	370
Refrigerant		4	10A	410)A	410	JA	410	JA
Additional Data				2 1 2 /2					
Static Pressure in. W. C.			20-250)	0-1.0 (2		0-1.0 (2		0-1.0 (2	
Min Lineset Length	Ft (m)		(5)	16 (16		16 (5)	
Max Lineset Length	Ft (m)		(50)	164 (230		230 (70) (pre-charge 98')	
Max Vertical Diff.	Ft (m)		arge 66') (30)	(pre-cha 98 (:		(pre-cha 98 (98 (
Lineset Size	Inch	Gas 5/8	· ·	Gas 5/8		Gas 5/8		Gas 5/8	
LINESEL SIZE	IIICII		Liq. 3/8		Liq. 3/8		Liq. 3/8 ←		Liq. 3/8 ←
		AMUG24LMAS	AOU24RGLX	AMUG30LMAS	AOU30RGLX	AMUG36LMAS	IAS	AMUG48LMAS	NAS
		24L	1241	30L	1301	36L	9FV	48L	8LN
		NUG.	40U	DOL	100r	1UG.)C3	IUG.	JG4:
		AM	1	AM	4	AM	AOUG36LMAS1	AM	AOUG48LMAS1
							4		4

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





































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

3 See page 13 for details.

APPLICATIONS

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

FUNCTION

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

OPTIONAL ACCESSORIES

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



SYSTEMS 18RULX, 24RULX, 36RSLX

UP TO 16 SEER	18		ULX	24R	ULX	36R	SLX
Performance							
Nominal Cooling	BTUh	17,		22,200		34,100	
MinMax. Cooling	BTUh	5,000~	21,600	5,000~	27,300	8,500~	36,000
Nominal Heating	BTUh	21,			000	36,	
MinMax. Heating	BTUh	5,000~			29,000	-	42,700
SEER		16			5.0		+.0
HSPF		8.			.5	8	
ER	0= (0=)	10		_	.9	8	
Cooling Operating Range	°F (°C)	0~115 (· · · · · · · · · · · · · · · · · · ·	0~115 (0~115 (
Heating Operating Range	°F (°C)	14~75 (14~75 (14~75 (· · · · · · · · · · · · · · · · · · ·
Moisture Removal	Pt./h (l/h)	5.3 (2.5)	7.4	(3.5)	7.4	(3.5)
an (Cooling Mode)	CEAA (2/1)	450	700)	510	(000)	1000	(1050)
ir Circulation: Hi	CFM (m3/h)	459 (•	518	· · ·	1089 (. ,
Medium	CFM (m3/h)	383 (650)	436	740)	977 (-
LOW	CFM (m3/h)	324 (550)	371	(630)	842 (1430)
an Speed Stage		3 + /	Auto	3 + ,	Auto	3 + /	Auto
Sound							
ndoor Sound Level (Clg/Htg): Hi	dB(A)	43/43 (0	Clg/Htg)	47/47 (Clg/Htg)	48/48 (0	Clg/Htg)
Medium	dB(A)	39/39 (0	Clg/Htg)	43/43 (Clg/Htg)	45/43 (0	Clg/Htg)
.0W	dB(A)	35/35 (0	Clg/Htg)	38/38 (Clg/Htg)	41/39 (Clg/Htg)
Outdoor Sound Level Clg/Htg	dB(A)	51/	^{'53}	53/55		54/55	
Electrical	55 (1.1)						
/oltage/Frequency/Phase		208-23	0/60/1	208-23	10/60/1	208-230/60/1	
Circuit Breaker	Amps			20		30	
			20			18.3/18.8	
Current Rated/Max: Cooling	Amps	7.1/		9.8/12.5			
Current Rated/Max: Heating	Amps	9.8/		10.2/12.5		15.3/18.8	
Power Use Rated/Max: Cooling	kW	1.63	2.88	2.25/2.88		4.22/4.35	
Power Use Rated/Max: Heating	kW	2.25	2.88	2.35/2.88		3.50/4.35	
Size & Weight							
let Weight	lbs. (kg)	62 (28)	141 (64)	62 (28)	141 (64)	106 (48)	141 (64)
	Inch	7-7/8	32-3/4	7-7/8	32-3/4	9-1/2	32-3/4
Dimensions: Height	mm	199	830	199	830	240	830
	Inch	39-1/8	35-1/2	39-1/8	35-1/2	65-1/2	35-1/2
Vidth							
	mm	990	900	990	900	1660	900
Depth	Inch	25-7/8	13	25-7/8	13	27-5/8	13
	mm	655	330	655 330		700	330
Refrigerant		R41	0A	R4	10A	R41	10A
Additional Data							
Air Direction: Horizontal		Auto	matic	Auto	matic	Auto	matic
/ertical		Autoi			matic		matic
Air Filter		Wash			nable		nable
ront Grille	F: ()		anent		anent		anent
Minimum Lineset Length	Ft (m)	16		16		16	
Maximum Lineset Length	Ft (m)	165 (pre-cha	(50) rge: 49')		(50) rge: 49')		(50) irge: 49')
Max. Vertical Diff.	Ft (m)	(pre-cna 66 (66		98 (
ineset Size	Inch	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
		Indoor BABU18RULX	Outdoor A	Indoor BABU24RULX	Outdoor A	Indoor B	Outdoor F

Note: Figures are based on 230 Volts.

18, 24, 30, 36, 42,000 BTUh LARGE CASSETTE

CIRCULAR FLOW HEAT PUMPS





AUU18/24RGLX with UTG-LCGVCB



AOU18/24/30/36RGLX



AOU42/48RGLX





























7 See page 13 for details.



AUU30/36/42/48RGLX

with UTG-GCGF

5 Available only with optional wired remote control.



6 Available only with optional Interface kit. Operation monitoring and On/Off









1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in

- a residence. See full warranty for details.
- 2 Available only with optional part UTY-SHZXC.
- 3 42, 48,000 BTUh systems only.
- 4 Available only with optional wireless remote control.

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.



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

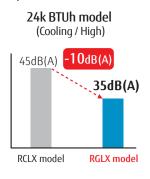


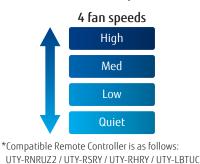
customized depending on

Airflow fan speed can be room layout.

QUIET OPERATION AND 4 FAN SPEED CONTROL

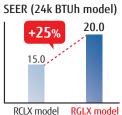
With the new airflow structure, sound levels are drastically reduced. Circular flow cassette models operate at whisper quiet sound levels. Choose from 4 different fan speeds.

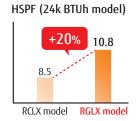




HIGH ENERGY EFFICIENCY

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







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

RECOMMENDED ACCESSORIES

NOTE: RGLX Large Cassette grilles are sold seperately.

Circular flow cassette grilles come in your choice of either black or white. UTG-GCGF UTG-LCGVCB

NOTE: Wired Remote Control sold seperately.



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

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

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

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

		ener	GLXC YSTAR	24RI energ		30R0	GLXC	36R0	GLXC	42R0	GLXC	48R	GLXC
Performance				·									
Nominal Cooling	BTUh	18,	000	24,	000	30,	000	36,0	000	42,	000	48,	000
MinMax. Cooling	BTUh		21,500	5,400-		9,600-	35,000	9,600-	39,000	17,100-		17,100	-50,000
Nominal Heating	BTUh	21,	000	27,	000	32,	000	36,0	000	47,	000	53,	000
MinMax. Heating	BTUh	5,400-	25,600	5,400-	32,400	9,200–	39,000	9,200-	48,000	18,000-	-51,000	18,000	-55,000
SEER		21	.4	2	0	18	3.6	17	.5	18	3.5	17	7.8
HSPF).9		0.8	11			.2		.7		0.6
EER	Btu/hW		3.4	12		11		1		11).1
Cooling Operating Range	°F (°C)		(-20 - 46)			-5 - 115 ((-20 - 46)	-5 - 115 ((-20 - 46)
Heating Operating Range	°F (°C)	-5 - 75 (-20 - 24)	-5 - 75 (-20 - 24)	-5 - 75 (-	-20 - 24)	-5 - 75 (-	-20 - 24)	-5 - 75 (-	-20 - 24)	-5 - 75 (-20 - 24)
Moisture Removal	Pt./h (l/h)	3.9	(2.2)	5.1 ((2.9)	5.3 ((3.0)	6.5 (3.7)	7.7	(4.4)	9.3	(5.3)
Fan (Cooling Mode)													
Air Circulation: Hi	CFM (m3/h)	618 (1,050)	677 (*	1,150)	942 (1	1,600)	1,118 (1,900)	1,177	(2,000)	1,236	(2,100)
Medium	CFM (m3/h)	565	(960)	618 (1,050)	824 (1	1,400)	936 (1		971 (*		1,048	
Low	CFM (m3/h)	530		577		748 (1		836 (1		859 (1,600)
Quiet	CFM (m3/h)	459		512		677 (1		695 (1		765 (1,320)
Fan Speed Stage	, ,		Auto	4+,		4+)	Auto	4+/		,	Auto		Auto
Sound	_												
Indoor Sound Level (Clg/Htg): Hi	dB(A)	33.	/33	35	/35	40/	/40	44,	44	46,	/46	47	/47
Medium	dB(A)		/32		/34	38/		41/		42.			/43
Low	dB(A)		/31		/32	36		38/			/39		/40
Quiet	dB(A)		/28		/29	33/33		34/34		35/35		36/36	
Outdoor Sound Level Clg/Htg	dB(A)		/50		/55	53/55		54/56		55/57		57/59	
Electrical													
Voltage/Frequency/Phase		208-23	30/60/1	208-23	0/60/1	208-23	30/60/1	208-23	0/60/1	208-23	30/60/1	208-23	30/60/1
Circuit Breaker	Amps		0		0	3		3			0		10
Current Rated: Cooling	Amps	6		8.	,	11		16		16		20	
Current Rated: Heating	Amps	6		9.		10		12		16			9.5
Power Use Rated/Max: Cooling	kW	1.35		1.88			2.57/3.33 3.60/3.94			/4.35	4.75		
Power Use Rated/Max: Heating	kW	1.47		2.15/2.88		2.38/		2.73/			/4.39		/4.67
Size & Weight	KVV	1.77	2,21	2.13	2.00	2.30/	3.27	2.73	7.13	3.7 4	14.55	7.73	74.07
Net Weight		53	134	53	134	57	134	57	134	64	209	64	209
Net Weight	lbs. (kg)	(24)	(61)	(24)	(61)	(26)	(61)	(26)	(61)	(29)	(95)	(29)	(95)
Dimensions: Height			32		32		32		32		50		50
Differisions. Height	Inch	9 11/16	11/16	9 11/16	11/16	11 5/16	11/16	11 5/16	11/16	11 5/16	13/16	11 5/16	13/16
	mm	246	830	246	830	288	830	288	830	288	1290	288	1290
Width	Inch		35 7/16					33 1/16					35 7/16
Width	mm	840	900	840	900	840	900	840	900	840	900	840	900
Depth	Inch	33 1/16	13	33 1/16	13	33 1/16	13	33 1/16	13	33 1/16	13	33 1/16	13
Берин	mm	840	330	840	330	840	330	840	330	840	330	840	330
Pofrigorapt	111111		330 10A		330 10A	R41		R41			10A		10A
Refrigerant		K4	IUA	K4	IUA	K4	IUA	K41	UA	K4	IUA	K4	IUA
Additional Data	T	Ι		14/L:L	- C-:II- /II	TC CCCT\	DII- C	-:II- (UTC	I CCVCD) (- I J C			
Adiainment Linear Linea	Ft ()	1.0	/r\					rille (UTG-				1.0	/ Γ\
Minimum Lineset Length	Ft (m)	16		16		16		16		16		16	
Maximum Lineset Length	Ft (m)		(50)	164		164		164			(75)		(75)
May Vestical Diff	Γh (m)		rge 66'		rge 66'	Precha			rge 66'		rge 98'		rge 98'
Max. Vertical Diff.	Ft (m)	98 (98 (98 (98 (98 (-	98	
Lineset Size	Inch	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8								
		Indoor AUU18RGLX	Outdoor AOU18RGLX	Indoor AUU24RGLX	Outdoor AOU24RGLX	Indoor AUU30RGLX	Outdoor AOU30RGLX	Indoor AUU36RGLX	Outdoor AOU36RGLX	Indoor AUU42RGLX	Outdoor AOU42RGLX	Indoor AUU48RGLX	Outdoor AOU48RGLX

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

45

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

MULTI-ZONE MINI-SPLIT SYSTEMS

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

MULTI-ZONE



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

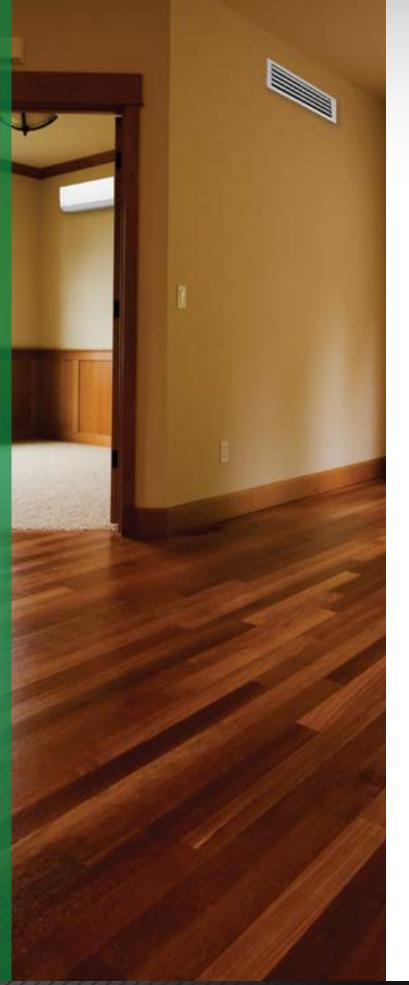
MULTI-ZONE EXTRA LOW TEMPERATURE HEATING





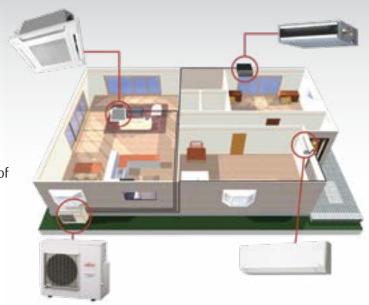
18, 24, 36,000 BTUh

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



YEAR-ROUND, WHOLE HOME OR BUSINESS COMFORT

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



MULTI-ZONE AND XLTH SERIES SYSTEMS

18, 24, 36, AND 45,000 BTUh

AOU18RLXFZ AOU24RLXFZ AOU36RLXFZ1 AOU45RLXFZ

AOU18RLXFZH AOU24RLXFZH AOU36RLXFZH

CONNECTABLE CAPACITY

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

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

FOR EXAMPLE

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













MULTI-ZOME INDOOR UNITS

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.

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

MULTI-ZONE OUTDOOR UNITS

INDIVIDUAL ZONING: PERSONALIZED WHOLE HOME COMFORT

WALL MOUNTED

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

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





SLIM DUCT

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

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

COMPACT CASSETTE

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

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





FLOOR MOUNTED

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

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

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

MULTI-ZONE INDOOR







ASU7, 9, 12, 15RLF1

ASU18, 24RLF



















































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

- 2 Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.
- 3 RLF models only.
- 4 RLF1 models only.
- 5 RLF1 models: Available only with optional wired remote control.
- 6 Available only with optional wired remote control and optional interface kit.
- 7 Available only with optional interface kit.
- 8 Available only when used with Flex Zone AOU48RLXFZ1 outdoor unit.
- 9 See page 13 for details.



BUILT IN FILTRATION

LONG-LIFE ION DEODORIZATION FILTER





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

APPLE-CATECHIN FILTER





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

ASU7RLF1, ASU9RLF1, ASU12RLF1, ASU15RLF1, ASU18RLF, ASU24RLF

Reformance				I	1		1		
Nominal Cooling			ASU7RLF1	ASU9RLF1	ASU12RLF1	ASU15RLF1	ASU18RLF	ASU24RLF	
Nominal Heating BTUh 8,100 10,200 13,500 16,300 20,000 27,000 27,000 Fan (Cooling Mode)	Performance								
Nominal Heating BTUh 8,100 10,200 13,500 16,300 20,000 27,000 27,000 Fan (Cooling Mode)	Nominal Cooling	BTUh	7,000	9,000	12,000	14,000	18,000	24,000	
Air Circulation: Hi	Nominal Heating	BTUh	8,100	10,200	13,500	16,300	20,000		
Medium	Fan (Cooling Mode)	'							
Medium	Air Circulation: Hi	_							
Low	Medium								
Quiet (m3/h) Hig 194 (330) Hig 194 (330) Hig 194 (330) Hig 194 (330) Hig 221 (375) Hig 324 (550) Hig 365 (620) Fan Speed Stage 4+auto 4-auto 4-auto 4-auto 4-auto 4-auto 4-auto 4-auto 4-a	Low								
Sound Indoor Sound Level (Clg/Htg): Hi dB(A) 36/36 37/37 40/40 42/42 43/44 49/48 Medium dB(A) 32/32 33/33 36/36 38/38 37/37 42/42 Low dB(A) 29/29 29/29 30/31 33/35 33/33 37/37 33/33 37	Quiet	_							
Indoor Sound Level (Clg/Htg): Hi	Fan Speed Stage		4+auto	4+auto	4+auto	4+auto	4+auto	4+auto	
Medium dB(A) 32/32 33/33 36/36 38/38 37/37 42/42 Low dB(A) 29/29 29/29 30/31 33/35 33/33 37/37 Quiet dB(A) 21/22 21/22 21/22 25/27 31/31 33/33 Telectrical Voltage/Frequency/Phase 208-230/60/1	Sound								
Low dB(A) 29/29 29/29 30/31 33/35 33/33 37/37 Quiet dB(A) 21/22 21/22 21/22 25/27 31/31 33/33 Electrical Voltage/Frequency/Phase 208-230/60/1 208-230/	Indoor Sound Level (Clg/Htg): Hi	dB(A)	36/36	37/37	40/40	42/42	43/44	49/48	
Quiet dB(A) 21/22 21/22 21/22 25/27 31/31 33/33 Electrical Voltage/Frequency/Phase 208-230/60/1	Medium		32/32		36/36	38/38	37/37	42/42	
Section Colored Reference Colored Refere	Low	dB(A)	29/29	29/29	30/31	33/35	33/33	37/37	
Voltage/Frequency/Phase 208-230/60/1 20	Quiet	dB(A)	21/22	21/22	21/22	25/27	31/31	33/33	
Current Rated: Cooling Amps 0.13 0.15 0.19 0.25 0.32 0.53 Current Rated: Heating Amps 0.13 0.15 0.19 0.25 0.32 0.53 Inut Power W 15 17 22 28 41 69 Size & Weight Net Weight Ibour Methods Ibour Methods <td rowspan<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Current Rated: Heating Amps 0.13 0.15 0.19 0.25 0.32 0.53 Inut Power W 15 17 22 28 41 69 Size & Weight Net Weight Ibs. (kg) 19 (8.5) 19 (8.5) 19 (8.5) 31 (14) 31 (14) 31 (14) Dimensions: Height Inch 10-1/2 10-1/2 10-1/2 10-1/2 12-5/8			208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	
Inut Power W 15 17 22 28 41 69	Current Rated: Cooling	Amps	0.13	0.15	0.19		0.32	0.53	
Size & Weight Net Weight Ibs. (kg) 19 (8.5) 19 (8.5) 19 (8.5) 19 (8.5) 31 (14) 31 (14) Dimensions: Height Inch 10-1/2 10-1/2 10-1/2 10-1/2 10-1/2 12-5/8 12-5/8 12-5/8 mm 268 268 268 268 320 320 Width Inch 33-1/16 33-1/16 33-1/16 33-1/16 39-1/4 39-1/4 mm 840 840 840 840 998 998 Depth Inch 8 8 8 8 9 9 Refrigerant R410A R4	Current Rated: Heating	Amps	0.13	0.15	0.19	0.25	0.32	0.53	
Net Weight Ibs. (kg) 19 (8.5) 19 (8.5) 19 (8.5) 31 (14) 31 (14) Dimensions: Height Inch 10-1/2 10-1/2 10-1/2 10-1/2 12-5/8 12-5/8 Midth Inch 33-1/16 33-1/16 33-1/16 33-1/16 33-1/16 39-1/4 39-1/4 Width mm 840 840 840 840 998 998 Depth Inch 8 8 8 8 9 9 Refrigerant R410A R4		W	15	17	22	28	41	69	
Dimensions: Height	Size & Weight								
Dimensions: Height mm 268 268 268 268 320 320 Width Inch 33-1/16 33-1/16 33-1/16 33-1/16 39-1/4 40-1/4 40-1/4 <td>Net Weight</td> <td>lbs. (kg)</td> <td>19 (8.5)</td> <td>19 (8.5)</td> <td>19 (8.5)</td> <td>19 (8.5)</td> <td>31 (14)</td> <td>31 (14)</td>	Net Weight	lbs. (kg)	19 (8.5)	19 (8.5)	19 (8.5)	19 (8.5)	31 (14)	31 (14)	
Midth Midth Manual Manual Manual Manual Manual Mato Midth	Dimonsions: Hoight	Inch	10-1/2	10-1/2	10-1/2	10-1/2	12-5/8	12-5/8	
Width mm 840 840 840 840 998 998 Depth Inch 8 8 8 8 9 9 Refrigerant R410A	Differsions. Height	mm	268	268	268	268	320	320	
Depth Inch 8 8 8 8 9 9 Refrigerant R410A R410A <td< td=""><td>Width</td><td>Inch</td><td>33-1/16</td><td>33-1/16</td><td>33-1/16</td><td>33-1/16</td><td>39-1/4</td><td>39-1/4</td></td<>	Width	Inch	33-1/16	33-1/16	33-1/16	33-1/16	39-1/4	39-1/4	
Depth mm 203 203 203 203 228 228 Refrigerant R410A R410A R410A R410A R410A R410A R410A Additional Data Air Direction: Horizontal Manual Manual Manual Manual Auto Auto Vertical Auto Auto Auto Auto Auto Auto Auto Auto	Width	mm	840	840	840	840	998	998	
Refrigerant R410A R410A R410A R410A R410A R410A R410A R410A R410A Additional Data Air Direction: Horizontal Manual Manual Manual Auto Auto Vertical Auto Auto Auto Auto Auto Auto Auto Auto	Depth	Inch		_					
Additional Data Air Direction: Horizontal Manual Manual Manual Auto Auto Vertical Auto Auto Auto Auto Auto Auto Primary Air Filter Washable Washable Washable Washable Washable Washable Disposable	<u> — — — — — — — — — — — — — — — — — — —</u>	mm	203	203	203	203	228	228	
Air Direction: Horizontal Manual Manual Manual Auto Auto Vertical Auto Auto Auto Auto Auto Auto Primary Air Filter Washable Washable Washable Washable Washable Washable Disposable Disposa	Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	
VerticalAutoAutoAutoAutoAutoAutoPrimary Air FilterWashableWashableWashableWashableWashableIon Deodorizing FilterDisposableDisposableDisposableDisposableDisposableApple-Catechin FilterDisposableDisposableDisposableDisposableDisposable	Additional Data								
Primary Air FilterWashableWashableWashableWashableWashableIon Deodorizing FilterDisposableDisposableDisposableDisposableApple-Catechin FilterDisposableDisposableDisposableDisposable	Air Direction: Horizontal		Manual	Manual	Manual	Manual	Auto	Auto	
Ion Deodorizing FilterDisposableDisposableDisposableDisposableDisposableDisposableApple-Catechin FilterDisposableDisposableDisposableDisposableDisposable									
Apple-Catechin Filter Disposable Disposable Disposable Disposable Disposable Disposable Disposable			Washable		Washable	Washable		Washable	
Lineset Size Inch Gas 3/8 Liq. 1/4 Gas 3/8 Liq. 1/4 Gas 3/8 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 5/8 Liq. 1/4 Gas 5/8 Liq. 1/4 Gas 5/8 Liq. 1/4 Gas 5/8 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 5/8 Liq. 1/4 Gas 1/2 Liq. 1/4 Gas 1/4 Cas	Apple-Catechin Filter								
	Lineset Size	Inch	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 3/8 Liq. 1/4	Gas 1/2 Liq. 1/4	Gas 1/2 Liq. 1/4	Gas 5/8 Liq. 1/4	

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

MULTI-ZONE INDOOR

































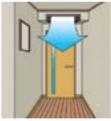


- 1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
- 2 Available only with optional wireless remote control.
- 3 Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous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

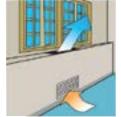
FLEXIBLE INSTALLATION

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





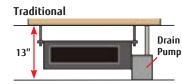






SLIM DUCT

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







FIELD SUPPLIED FILTERS

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

*Ty	/pic	al f	ilter	pressure d	rol

^Available Static Pressure factors in filter pressure loss only. Available Stat

	AKU/KL
CFM	323
Typical Filter Size	12 x 20
Velocity, FPM	194
Init External SP, in. W.C.	0.36
*SP Loss, in. W.C.	0.04
Available Static Pressure	0.32
*SP Loss, in. W.C.	0.10
Available Static Pressure	0.26

	AKU/KLF	AKUSKLF	ARUIZKLF	AKUTOKLE	ARUZ4KLF
CFM	323	353	383	554	785
ıl Filter Size	12 x 20	12 x 20	12 x 20	14 x 25	18 x 30
elocity, FPM	194	212	230	228	209
SP, in. W.C.	0.36	0.36	0.36	0.36	0.20
		1"	Fiberglass Filt	ег	
oss, in. W.C.	0.04	0.04	0.05	0.04	0.04
tic Pressure	0.32	0.32	0.31	0.32	0.16
		1" M	ERV 8 Pleated I	Filter	
oss, in. W.C.	0.10	0.12	0.14	0.14	0.12
tic Pressure	0.26	0.24	0.22	0.22	0.08
		2" M	ERV 8 Pleated I	Filter	
oss, in. W.C.	0.06	0.07	0.08	0.08	0.07
tic Pressure	0.30	0.29	0.28	0.28	0.13

ARU7RLF, ARU9RLF, ARU12RLF, ARU18RLF, ARU24RLF

						ı
		ARU7RLF	ARU9RLF	ARU12RLF	ARU18RLF	ARU24RLF
Performance						
Nominal Cooling	BTUh	7,000	9,000	12,000	18,000	24,000
Nominal Heating	BTUh	8,100	10,200	13,500	20,000	27,000
Fan (Cooling Mode)	'					
Air Circulation: Hi	CFM (m3/h)	323 (550)	353 (600)	383 (650)	554 (940)	783 (1,330)
Medium	CFM (m3/h)	288 (490)	324 (550)	353 (600)	518 (880)	730 (1,240)
Low	CFM (m3/h)	276 (470)	294 (500)	324 (550)	483 (820)	648 (1,100)
Quiet	CFM (m3/h)	259 (440)	265 (450)	283 (480)	442 (750)	607 (1,030)
Fan Speed Stage		4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto
Sound						
Indoor Sound Level (Clg/Htg): Hi	dB(A)	28/28	28/28	29/29	32/33	33/35
Medium	dB(A)	26/26	27/26	28/28	31/32	32/34
Low	dB(A)	25/25	26/25	27/27	30/31	30/32
Quiet	dB(A)	24/24	25/24	26/24	29/29	29/29
Electrical						
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Static Pressure	W. C.	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.20
Current Rated: Cooling	Amps	0.30	0.30	0.35	0.44	0.66
Current Rated: Heating	Amps	0.30	0.30	0.35	0.44	0.66
Input Power	W	33	49	58	73	111
Size & Weight						
Net Weight	lbs. (kg)	37 (17)	41 (19)	41 (19)	50 (23)	59 (27)
Dimensions: Height	Inch	7-25/32	7-25/32	7-25/32	7-25/32	7-25/32
	mm	198	198	198	198	198
Width	Inch	27-9/16	27-9/16	27-9/16	35-7/16	43-5/16
	mm	700	700	700	900	1,100
Depth	Inch	24-13/32	24-13/32	24-13/32	24-13/32	24-13/32
	mm	620	620	620	620	620
Supply Duct Flange	Inch	5-15/16	5-15/16	5-15/16	5-15/16	5-15/16
Dimensions: Height	mm	151	151	151	151	151
Width	Inch	25-19/32	25-19/32	25-19/32	33-15/32	41-11/32
	mm	650	650	650	850	1,050
Depth	Inch	3/4	3/4	3/4	3/4	3/4
<u>'</u>	mm	19	19	19	19	19
Return Duct	Inch	6	6	6	6	6
Dimensions: Height	mm	152	152	152	152	152
Width	Inch mm	559	559	559	30 762	37-3/4 959
	Inch	3/4 (Flat)	3/4 (Flat)	3/4 (Flat)	3/4 (Flat)	3/4 (Flat)
Height	mm	19 (Flat)	19 (Flat)	19 (Flat)	19 (Flat)	19 (Flat)
Refrigerant		R410A	R410A	R410A	R410A	R410A
Additional Data						
Air Filter		Washable	Washable	Washable	Washable	Washable
Lineset Size	Inch	Gas 3/8 Liq. 1/4				
		233 3.3 Eig. 174	535 5.0 Eig. 174	233 3.5 Eig. 1/4	-33 Eig. 1/4	233 3.0 Eig. 174

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

MULTI-ZONE INDOOR













































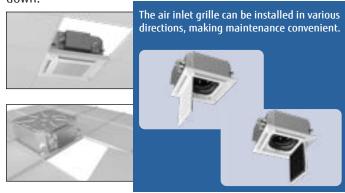




- 2 Available only with optional wireless remote control.
- 3 Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar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

EASY MAINTENANCE

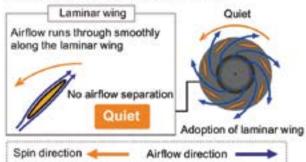
Maintenance is made simple by removing the ceiling panel next to the grille. Working on the cassette unit from an adjoining ceiling tile keeps disruption and construction costs down.



QUIET OPERATION

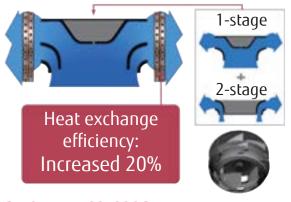
Optimization of wing form (laminar wing design) and number of wings (7 blades) enables as low as 27 dB.

Designed by CFD-analysis (fluid) simulations

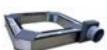


2-STAGE TURBO FAN

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



OPTIONAL ACCESSORY



Fresh Air Kit UTZ-VXAA

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

AUU7RLF, AUU9RLF, AUU12RLF, AUU18RLF

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

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

9, 12, 15,000 BTUh FLOOR MOUNT

MULTI-ZONE INDOOR







































Standard

concave portion

Min. 37"

- 2 Available with optional wired remote control.
- 3 Available only with optional Interface kit. Operation monitoring and On/Off control only.
- 4 See page 13 for details.

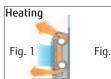
2-FAN AND WIDE AIRFLOW

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





2. As the room temperature nears the setpoint, only the top louver stays open to help prevent

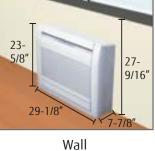


1. Upon startup, both top and bottom louvers open. 1. Upon startup, both top and bottom louvers open. 2. Closer to setpoint, only the top louver stays open to help prevent cold drafts from windows.

FLEXIBLE AND EASY INSTALLATION

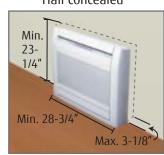


Beneath





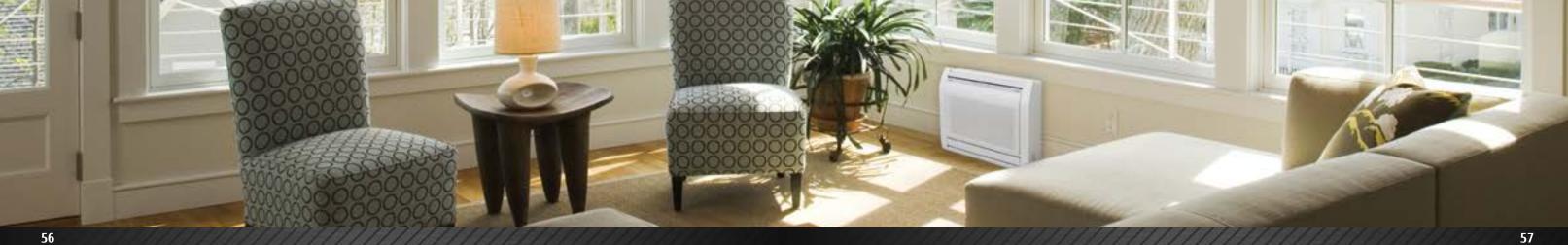




*Field supplied insulation required

AGU9RLF, AGU12RLF, AGU15RLF

		AGU	9RLF	AGU	12RLF	AGU1	5RLF
Performance						<u>'</u>	
Nominal Cooling	BTUh	9,0	000	12	,000	14,	200
Nominal Heating	BTUh	12,	000	16	16,000		000
Fan (Cooling Mode)							
Air Circulation: Hi	CFM (m3/h)	312	(530)	353	(600)	383	(650)
Medium	CFM (m3/h)	259	(440)	288	(490)	306	(520)
Low	CFM (m3/h)	212	(360)	224	(380)	235	(400)
Quiet	CFM (m3/h)	159	(270)	159	(270)	159	(270)
Fan Speed Stage		4+/	Auto	4+,	Auto	4+/	luto
Sound							
Indoor Sound Level (Clg/Htg): Hi	dB(A)	39	/39	42	2/42	44.	/44
Medium	dB(A)	34	/34	36	5/38	38.	/39
Low	dB(A)	28	/28	30	0/32	31.	/33
Quiet	dB(A)	22	/22	22	2/22	22	/22
Electrical							
Voltage/Frequency/Phase		208-23	30/60/1	208-2	30/60/1	208-23	30/60/1
Current Rated: Cooling	Amps	0.	15	0.	.18	0.	20
Current Rated: Heating	Amps	0.	15	0.	.18	0.	20
Input Power	W	1	6	1	18	2	3
Size & Weight							
Net Weight	lbs. (kg)	31	(14)	31	(14)	31	(14)
Dimensional Height	Inch	23-	-5/8	23	-5/8	23-	-5/8
Dimensions: Height	mm	6	00	6	600	60	00
Width	Inch	29-1/8		29-1/8		29-1/8	
WIGHT	mm	7-	40	7	40	74	40
Dooth	Inch	7-	7/8	7-	7-7/8		7/8
Depth	mm	2	00	2	00	20	00
Refrigerant		R4	10A	R4	10A	R4	10A
Additional Data							
Air Direction: Horizontal		Mai	nual	Ma	nual	Mai	nual
Air Direction: Vertical		Auto Auto		uto	Αι	ıto	
Apple Catechin Filter		Wasl	nable	Was	hable	Wash	nable
Ion Deoderizing Filter		Υ	es	Y	'es	Yo	es
Connection Method		Υ	es	١	/es	Yo	es
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4



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

lalcyon

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. Mixand-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.



ENERGY STAR® QUALIFYING SYSTEMS:

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





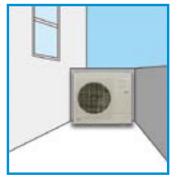


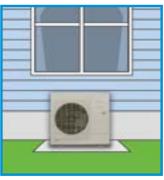
AOU18, 24RLXFZ AOU36RLXFZ1

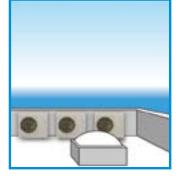
AOU45RLXFZ

COMPACT SIZE

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









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.

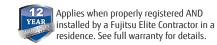
The AOU45RLXFZ does not have this feature.

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

*18+18 is the only 2 indoor unit (ASU, ARU or AUU) combination and requires K9FZ1818

'See table for allowed combinations within this connectable capacity range.

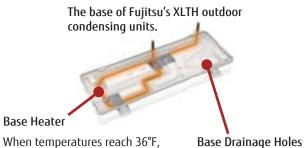


18, 24, 36,000 BTUh XLTH MULTI-ZONE OUTDOOR UNITS



AMBIENT HEATING TEMPERATURE OF -15°F

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



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

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



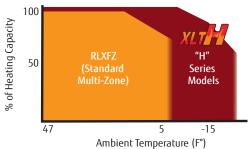
18, 24,000 BTUh





IMPROVED HEATING CAPACITY

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



SERVICE VALVES

AOU18RLXFZH / AOU24RLXFZH

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

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

The AOU36RLXFZH does not have this feature.

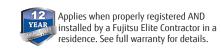
ENERGY STAR® QUALIFYING SYSTEMS:

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

HIGH-HEAT AOU18RLXFZH, AOU24RLXFZH, AOU36RLXFZH

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







ALLOWABLE COMBINATIONS

AOU18RLXFZ

MAH 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		

CHOOSE AN OUTDOOR UNIT:

Select either an 18, 24, 36 or 45,000 BTUh 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.



AOU24RLXFZ

XIH AOU24RLXFZH

Connect 2-3 indoor units

AOU	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				

CHOOSE INDOOR UNITS:











ARU7RLF	
ARU9RLF	
ARU12RLF	
ARU18RLF	
ARIJ24RI F	



AGU9RLF AGU12RLF AGU15RLF **NOTE: These tables** are not for system capacity selection. Fujitsu 'Design Simulator' software can be used for Halcyon equipment selection

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

* The optional kit "K9FZ1818 (UTP-MU36A2)" is necessary for dual zone system "18+18" with AOU36RLXFZ1 only. ^ Wall mounted type ASU18RLF cannot be connected in this combination using AOU36RLXFZ1. Combination

allowed with AOU36RLXFZH. Actual rated cooling capacity of ASU15RLF1 is 14,000 BTU/h. Do not use combination table for system capacity = Allowed "Connectable Capacity" combinations over 100% **



AOU36RLXFZ1

MIH 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

AU	AUU36KLXFZ1 / AUU36KLX			
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



Connect 2-5 indoor units

AOU45RLXFZ

AOU45RLXFZ					
ZONE 1		ZON	NE 2		TOTAL
18		1	8		36
12		2	4	36	
15		2	4		39
18		2	4		42
24		2	4		48
ZONE 1	Z	ONE 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
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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

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

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 18 47 7 7 15 18 47 7 7 15 24 53 7 7 15 18 47 7 7 12 18 50 7 7 7 15 18 50 7 7 7 15 18 50 7 9 9 9 34 7 7 7 15 18 56 7 9 9 12 37 7 7 7 15 18 56 <td< th=""><th></th><th>AOU</th><th>/ EDI VEZ</th><th>son/h</th><th></th><th></th><th></th><th>AOUZ EDI</th><th>VE7</th><th></th><th></th></td<>		AOU	/ EDI VEZ	son/h				AOUZ EDI	VE7							
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9 12 12 18 51 9 12 15 15 51 Simulator' software can be used for	9	12	12	12	45		C	apacit	y selec	tion.						
9 12 15 15 51 can be used for	9	12	12	15	48											
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9 12 15 18 54 Halcyon equipment	9	12	15	15	51		C	an be	used f	10						
	9	12	15	18	54		H	lalcyo	ı equi	oment						

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

^{**}Exceeding 100% capacity match will not increase

ACCESSORY COMPATIBI			SINGLE-ZONE SYSTEMS WALL MOUNTED FLOOR MOUNT	COMPACT CASSETTE SLIM DUCT	SINGLE-ZONE SY MEDIUM STATIC DUCTED	STEMS MP AHU FLOOR / CEILING	CIRCULAR FLOW LARGE CASSETTE	MULTI-ZONE AND FLEX-ZONE SYSTEMS
		9RL2 09LMAS1 09LMAH1 09LZAS1 09LZAS1	12LMAS1 12LMAH1 12LZAS1 12LZAH1 12LZAH1 15LZAH1 15LZAH1 18RLB 18RLB 18RLB 24RLKFWH 24RLB 24RLXFWH 30RLXEH 30RLXEH 30RLXEH 12RLFF 12RLFF 12RLFF 15RLFF 15RLFF 15RLFF		12RGLXD 18RGLXD 24RGLXD 30RGLXD 36RGLXD 42RGLXD 42RGLXD	30LRGLXM 36LMAS1 48LMAS1 18RULX 24RULX 36RSLX	18KULAC 24RGLXC 30RGLXC 42RGLXC 48RGLXC	Compact Wall [7.9.12.15R.F1) [Large Wall (18, 24R.F) Cassette Slim Duct
REMOTE CONTROLS								
UTY-RNBYU UTY-RNNUM	Wired Remote Control Wired Remote Control					•1 •1 •1		•3 • • •
	Wired Remote Control (Backlit)							•3 • • •
JTY-RSNUM	Simple Remote Control 3-Wire							•3 • • •
TY-RSRY	Simple Remote Control 2-Wire	•2 •2 •2 •2	•2 •2 •2 •2 •2 •2 •2		• • • • • • •	• • •		
UTY-RHRY UTY-LNHUM	Simple Remote Control 2-Wire Wireless Remote Control	•2 •2 •2 •2	●2 ●2 ●2 ●2 ●2 ●2 ●2 ■2 ■ ■ ■ ■ ■ ■ ■ ■					
TY-RNRUZ Series	Wired Remote Control	•2 •2 •2 •2	•2 •2 •2 •2 •2 •2			• • •		
JTY-XSZX	Remote Sensor		12 02 02 02 02 02			• • •		•
JTY-LRHUM	Receiver Unit							•
UTY-LBTUM	IR receiver kit w/ wireless remote controller					• • •		
JTY-LBTUC	controller IR receiver kit w/ wireless remote controller							
WI-FI DEVICES								
	Wi-Fi Device: IR Wireless Module	•		● ● ● ● 6 ● 6 ● 6 ● 6 ■ 6 ■ 6 ■ 6 ■ 6 ■		• • •		• • • • 6
I-RC-WIFI-1NA	Wi-Fi Device: Wired Module		•5 •5 •5 •5 •5 •5 •5 •5 •5 •5 •5 •5 •5 •	• • • • •				•3,5 •5 • •
J-AC-WIFI-1 ITY-TFNXZ2	Wi-Fi Device: Wired Module Wi-Fi Interface Module	• • • • 4						•3 • • •
TT-TFNXZZ	Wi-Fi Interface Module					• • •		
TY-TFSXF1	Wi-Fi Interface Module	• •						
INTERFACE KITS								
TY-XWZX	Dry Contact Wire Kit			• • •				• •
TY-XWZXZ5	Dry Contact Wire Kit	• • • •						•3
TY-XWZXZG TY-XWZXZJ	External Connect Kit External Connect Kit							
JTY-XCBXZ2	Interface Kit ³							•
TY-TWRXZ2	Interface Kit ²							
ITD-ECS5A	Slim Duct Connector Kit							•
JTY-XWZXZ3	Outdoor Unit Input/Output Connector				• •		• •	
JTY-XCSXZ1	External input and output PCB							
JTY-XCSXZ2	External input and output PCB	• • • • 4	• • • • 4 • 4 • 4 • 4					
ITZ-GXXB ITY-XCSX	Interface Kit Box External input and output PCB							
JTZ-GXRA	External input and output PCB							
JTZ-GXNA	box External input and output PCB							
JTY-SHZXC	bracket Human Sensor Kit							
FRESH AIR INTAKE K								
JTZ-KXGC	High Humidity Insulation Kit			• • •				•
UTR-YDZB	Air Outlet Shutter Plate			• • •				•
JTZ-VXAA	Fresh Air Intake Kit							•
JTZ-VXRA	Fresh Air Kit Fresh Air Intake							
KHRS940-25 UTR-YDZK	Air Outlet Shutter Plate							
MISCELLANEOUS	, oddet stidttet i late							
-J-AC-BAC-1L	BACnet Gateway	• • • • • • • • • • • • • • • • • • • •	●			• • •		
FJ-RC-MBS-1	Modbus Module		● 5 ● 5 ● 5 ● 5 ● 5 ● 5 ● 5 ● 5 ● 5 ● 5	• • • • •	• • • • • •		• • • • •	●3,5 ●5 ● ●
TY-VMSX	Modbus Gateway	• • • • • • • • • • • • • • • • • • • •			• • • • • • •	• • •		
JTY-TERX	External Switch Controller	•2 •2 •2 •2	•2 •2 •2 •2 •2 •5 <t< td=""><td>• • • • •</td><td></td><td>• • •</td><td></td><td>•3,5 •5 • •</td></t<>	• • • • •		• • •		•3,5 •5 • •
UTY-TTRX	Thermostat Converter	•2 •2 •2 •2	02 02 02 02 02 02 05 05 05 05 05 05 05 05 05 05 05 05 05					23,3
TY-VTGX 39R410A55	Network Converter R410A Swivel Adapter	•2 •2 •2 •2	•2 •2 •2 •2 •2 •2 •5 <t< td=""><td></td><td></td><td></td><td></td><td>●3,5 ●5 ● ●</td></t<>					●3,5 ●5 ● ●
JTD-GXS(A/B/C)-W	R410A Swivel Adapter Auto Louver Grille Kit ⁷			A A B				•7
JTD-GXT(A/B/C)-W	Auto Louver Grille Kit ⁷			A A B				•7
JTD-LFN(A/B/C)	Long-life Filter				C B B B A A A			
	th these models you need to change the	dip switch SW-1 to "ON". Refe	er to 3 Wall mounted ASU7, 9, 12RLF1 and ASU15RLF1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.	4 Requires the removal of built-in WIFI mo 5 Requires UTY-WIFI.		6 Wireless Receiver #UTY-LRHU 7 A: for ARU9, 12. B: for ARU18	M is required in order to connect thi	s device.

Tech Tip #028.

2 Requires accessory interface kit #UTY-TWRXZ2 in order to connect these devices to IDU.

to connect these devices to them.

⁵ Requires UTY-WIFI.

⁷ A: for ARU9, 12. B: for ARU18. C: for ARU24.

AIRZONE

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

WHAT IS AIRZONE?

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

HOW DOES IT WORK?

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



Airzone VAF Wired Blueface Principal Controller White (AZVAFBLUEFACECB)



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



Airzone VAF 8" Airzone VAF 8" Wired Intelligent Wireless Intelligent Round Damper Round Damper (AZVAFDAMPER08R) (AZVAFDAMPER08C)

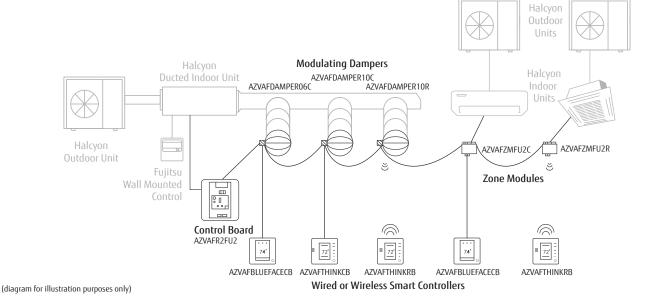
BENEFITS

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

FEATURES

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

CONNECTION DIAGRAM



CONTROLS

Wired Remote Control

UTY-RNNUM* UTY-RNBYU^ 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 tenants, employees, and teachers.

Simple Remote Control 2-Wire

UTY-RSRY

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.

Wireless Remote Control

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

Receiver Kit UTY-LRHUM

3-Wire For slim duct models. Includes a wireless remote 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 tenants, employees, and teachers.

Group

Simple Remote Control 2-Wire

UTY-RHRY

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.

Central Controller **UTY-DMMUM**

3-Wire

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

IR Receiver Kit

UTY-LBTUM For medium static ducted units. Includes a wireless remote control.



Simple Remote Control

UTY-RSNUM 3-Wire

Group

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.

Wired Remote (Touch Panel) ÙTY-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 tenants,

Remote Sensor UTY-XSZX

employees, and teachers.

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

IR Receiver Kit

UTY-LBTUC For large circular flow cassettes. Includes a wireless remote control.



76-

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







- ^ Minimum Heat, Sleep Timer functions will be lost when the wired remote control is installed.
- * Wall mounted ASU7, 9, and 12RLF1 require accessory interface kit (Part UTY-XCBXZ2) in order to connect this device to them.

ACCESSORIES ACCESSORIES

WI-FI DEVICES

See compatability table, page 13.

IR Wireless Module | Wired Module Model: FJ-IR-WIFI-1NA Works with Intesis AC Cloud

Control® app

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

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

Works with Intesis AC Cloud Control® app



Intesis AC Cloud Control®

SAMPLE WI-FI APP SCREEN DISPLAYS



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



Wi-Fi Module Model: UTY-TFSXZ2

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



ADDITIONAL CONTROLS

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

Thermostat Converter Control Halcyon products¹ using a third party thermostat. Up to 16 indoor units can be connected as a group to one thermostat convertor.

Modbus Converter UTY-VMSX Control and monitor systems over Modbus

ŔŤŪ. ²

FGLAir®

BACnet Module FJ-AC-BAC-1L Works with Intesis AC Cloud Control^o

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

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

INTERFACE KITS

Controllers.

Human Sensor Kit UTY-SHZXC

For large circular cassette.



Interface Kit UTY-XCBXZ2 Required to connect ASU7RLF1, 9RLF1,

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



Interface Kit UTY-TWRXZ2 Required to connect ASU09, 12LMAS, and ASU09. 12. 15LZAS to Wired Wire Kit UTY-XWZXZ5.



Remotes UTY-RNRUZ Series, UTY-RSRY, UTY-RHRY, UTY-TTRX Thermostat Converter, and Dry Contact

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.

Intake Kit

Mixes room air then passes it through a booster fan capable of 60 CFM at .2"W.C.

Air Outlet Shutter Plate UTR-YDZK

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



Fresh Air

Fresh air kit for AUU7-9-12-18RLF units.

heat exchanger. Allows for a 4-inch flex duct connection. Requires a field supplied duct or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual.

Air Outlet Shutter Plate

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 Intake Kit KHRS940-25 Fresh air kit for

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

Fresh Air Kit

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

MISCELLANEOUS

3-Pole Single Throw Safety Switch

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



Condensate Pump UTR-DPB24T

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

Wide Panel UTG-AKXA-W Hides the gap between the ceiling

Wind Baffles

Ensure continued operation

during high wind conditions,

especially with roof-mounted

units. Wind Baffles prevent

hole and the cassette grille.

Panel Spacer

UTG-BKXA-W If there is not enough height in the ceiling space,

R410A Swivel Adapter

In order to minimize incorrect charging

different access port. Contractors will need

Allows two ASU18RLF1 indoor units to be used

on an outdoor AOU36RLXFZ1. Requires special

piping; limited to only 18,000 BTU models.

cooling. The kit upsizes linesets to 3/8" and

Total BTU capacity is limited to 31,600 BTU in

this 55-degree swivel access fitting. not

of systems with R410A Fujitsu uses a

compatible with AOU45RLXFZ.

18+18 Combo Fittings Kit

K9R410A55

K9FZ1818

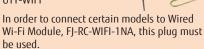
by inserting this spacer between the cassette grille and the ceiling surface, the height of the body goes into the ceiling space becomes 2 in. (50mm) lower.

Electric Heater Kit RXBH-1724***-A Series

Compatible with AMUG24, 30, 36 48LMAS Reference multiposition AHU documentation for compatibility.

Panel spacer

Plug Model UTY-WIFI



Auto Louver Grille Kit

UTD-GX(S/T)A-W (for ARU7/9/12) UTD-GX(S/T)B-W (for ARU18) UTD-GX(S/T)C-W (for ARU24)

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.

High Humidity Insulation Kit UTZ-KXRA

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



Electric Heater Jumper Bar

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



WIND BAFFLE COMPATIBLE UNITS

nuisance stoppage of outdoor unit, if wind

is off. Reference Wind Baffle chart below.

gusts reverse fan rotation while the fan motor

HALCYON MODEL	WIND BAFFLE MODEL	HALCYON MODEL	WIND BAFFLE MODEL						
AOU9RL2	UTZ-DUWBCA	AOU18RLXFW1							
AOU12RL2	UIZ-DUWBCA	AOU24RLXFW1							
AOUG09LMAS1									
AOUG12LMAS1	LITZ DUMPCOA	AOU24RLXFWH							
AOUG09LMAH1^	UTZ-DUWBG2A	AOU30RLXB							
AOUG12LMAH1^		AOU36RLXB							
AOUG09LZAS1		AOU18RLX							
AOUG12LZAS1		AOU24RLX	LITZ DUMDMAA						
AOUG15LZAS1	LITZ DUMPCOA	AOU36RLX	- UTZ-DUWBVWA						
AOUG09LZAH1	UTZ-DUWBG3A	AOU18RLXFZH							
AOUG12LZAH1		AOU24RLXFZH							
AOUG15LZAH1		AOU36RLXFZ1							
AOU45RLXFZ		AOU18RGLX							
AOU36RLXFZH	LITZ DUMBUA	AOU24RGLX							
AOUG36LMAS1	UTZ-DUWBUA	AOU30RGLX							
AOUG48LMAS1		AOU36RGLX							
AOU30RLXEH		AOU18RLXFZ	UTZ-DUWBVWA						
AOU42RGLX	UTZ-DUWBYA*	AOU24RLXFZ	UIZ-DUWDVWA						
AOU48RGLX									

^{*}Please note that these ship with 2 wind baffle units.

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

[^]Coming Q3 2021.

MISCELLANEOUS MISCELLANEOUS

LINESET SIZES AND LENGTHS - SINGLE ZONE

												SIN	GLE-Z	ONE S	YSTE	MS											
										WALL	MOUI	NTED											FI	.OOR	MOUN	T	
	9RL2	09LMAS1	09LMAH1	09LZAS1	09LZAH1	12RL2	12LMAS1	12LMAH1	12LZAS1	12LZAH1	15LZAS1	15LZAH1	18RLB	18RLXFW1	18RLXFWH	24RLB	24RLXFW1	24RLXFWH	30RLXB	ЗОВІХЕН	36RLXB	9RLFF	9RLFFН	12RLFF	12RLFFH	15RLFF	15RLFFH
1/4" x 3/8"	•	•	•	•	•	•	•	•	•	•												•	•	•	•		
1/4" x 1/2"											•	•	•			•										•	•
3/8" x 5/8"														•	•		•	•	•	•	•						
Total System																											
Max. Combined Pipe Length ft (m)	66 (20)	165 (50)	165 (50)		165 (50)				165 (50)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)												
Max. Pre-charge Lineset length ft (m)	49 (15)	66 (20)	66 (20)	49 (15)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)												
Min. Lineset Length ft (m)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	10 (3)	16 (5)	16 (5)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)

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

	SINGLE-ZONE SYSTEMS																									
	COMPA	OMPACT CASSETTE SLIM DUCT						MEI	DIUM	STATI	C DUC	TED				OSITI NDLE			IIVERS R / CE	AL ILING				AR FLO		
	9RLFCC	12RLFCC	18RLFCC	9RLFCD	12RLFCD	18RLFCD	12RGLXD	18RGLXD	24RGLXD	30RGLXD	36RGLXD	42RGLXD	48RGLXD	24RGLXM	30RGLXM	36LMAS1	48LMAS1	18RULX	24RULX	36RSLX	18RGLXC	24RGLXC	30RGLXC	36RGLXC	42RGLXC	48RGLXC
1/4" x 3/8"	•	•		•	•		•																			
1/4" x 1/2"			•			•		•										•			•					
3/8" x 5/8"									•	•	•	•	•	•	•	•	•		•	•		•	•	•	•	•
Total System																									·	
Max. Combined Pipe Length ft (m)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	164 (50)	164 (50)	164 (50)	164 (50)	246 (75)	246 (75)		164 (50)	230 (70)		165 (50)	165 (50)	165 (50)	164 (50)	164 (50)				164 (50)
Max. Pre-charge Lineset length ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	66 (20)	66 (20)	66 (20)	98 (30)	98 (30)	66 (20)	66 (20)	98 (30)	98 (30)	49 (15)	49 (15)	49 (15)	66 (20)	66 (20)	66 (20)	66 (20)	98 (30)	98 (30)
Min. Lineset Length ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)

LINE SET SIZES AND LENGTHS - MULTI-ZONE

							MU	LTI / I	FLEX Z	ZONE	MOD	ELS -	INDO	OR UI	NITS						
		W	ALL M	IOUNT	ED		FLO	OR MC	DUNT		SL	IM DU	ICT		COV	ЛРАСТ	CASSI	ETTE		MIXED	
	ASU7RLF1	ASU9RLF1	ASU12RLF1	ASU15RLF1	ASU18RLF	ASU24RLF	AGU9RLF	AGU12RLF	AGU15RLF	ARU7RLF	ARU9RLF	ARU12RLF	ARU18RLF	ARU24RLF	AUU7RLF	AUU9RLF	AUU12RLF	AUU18RLF	ASU18RLF x 2*	ARU18RLF x 2*	AUU18RLF x 2*
1/4" x 3/8"	•	•	•				•	•		•	•	•			•	•	•				
1/4" x 1/2"				•	•				•				•					•			
1/4" x 5/8"						•								•							
3/8" x 1/2"																			•	•	•
Each Indoor Unit	Min	imum	and m	naximu	ım pip	e leng	ths fo	r mult	i-zone	units	are for	und or	n page	59 an	d pag	e 61.			_		

	MULTI / FLEX ZONE MODELS - OUTDOOR UNITS												
	A0U18RLXFZ	AOU18RLXFZH	AOU24RLXFZ	AOU24RLXFZH	AOU36RLXFZ1	AOU36RLXFZH	AOU45RLXFZ						
tal System													
Max. Combined	165	165	165	165	230	230	264						
Pipe Length ft (m)	(50)	(50)	(50)	(50)	(70)	(70)	(80)						
Max. lineset length	98	98	98	98	164	164	164						
(Pre-charge) ft (m)	(30)	(30	(30	(30	(50)	(50)	(50)						
Min. Lineset Length	49	49	49	49	66	49	49						
ft (m)	(15)	(15)	(15)	(15)	(20)	(15)	(15)						

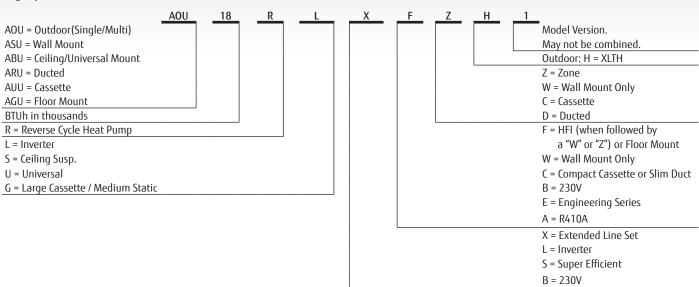
- * 18+18 is the only 2 indoor unit combination allowed for AOU36RLXFZ1 and requires kit K9FZ1818.

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

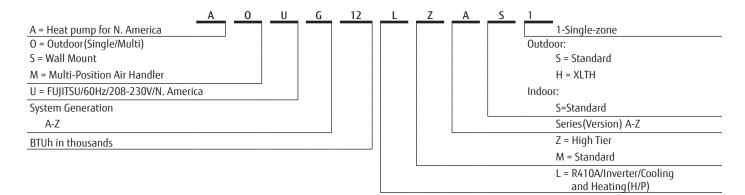


FUJITSU MODEL NOMENCLATURE

Legacy models



"Next Generation" models





THINGS TO KNOW BEFORE YOU BUY A FUJITSU SYSTEM

COMPLETE SYSTEM WARRANTY

Standard warranties vary depending on model:



6 Year Compressor / 2 Year Parts warranty OR



7 Year Compressor / 5 Year Parts warranty.

Extended warranties include:



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



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

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

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

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

For full details, see Halcyon Warranty Statement.

TRADEMARKS

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NON-INTERNET RETAIL POLICY

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

NOTE

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

THINGS TO KNOW BEFORE YOU INSTALL A FUJITSU SYSTEM

WARNING

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

HEAT PUMP DISCLAIMER

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

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

DISCLAIMER

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

CERTIFICATIONS

ISO

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



• ISO9001

• ISO14001

AHRI ENERGY GUIDE® PROGRAM (U.S.)

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







ASTM

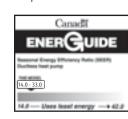
Our outdoor units shall withstand 1,000 hours of salt spray tested per procedure ASTM

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:





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