



FUJITSU

WI-FI ENABLED MINI-SPLIT HEATING AND COOLING SYSTEMS
WALL MOUNTED 9, 12 AND 15,000 BTU/H SINGLE-ZONE SYSTEMS



Fujitsu Halcyon heating and cooling systems provide individual room temperatures, yet whole-home constant comfort, year-round.

- Ductless technology
- Energy efficient
- Quiet operation
- Heating and cooling
- Individual zoning



CONSTANT COMFORT

You can remotely operate your heating and cooling system using a smartphone as a remote control. Also, one mobile device can control several indoor units from anywhere in the house.





ASU9RLS3Y
ASU12RLS3Y
ASU15RLS3Y



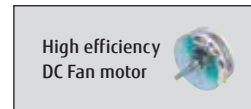
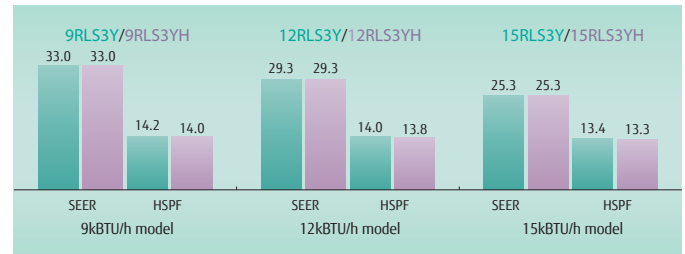
AOU9RLS3
AOU12RLS3
AOU15RLS3



AOU9RLS3H
AOU12RLS3H
AOU15RLS3H

HIGH EFFICIENCY

As much as half of the energy used in your home goes to heating and cooling. The high energy efficiencies of these systems slash utility bills by up to 24%. To encourage customers to buy energy efficient products, many local utility companies offer significant rebates for the purchase of a ductless mini-split system.



OPERATION FROM ANYWHERE

Wi-Fi enabled systems such as the RLS3Y and RLS3YH series can be controlled from anywhere using the FGLair app on a mobile device.



If you forgot to turn off your system before you left your home - no problem!

ENERGY SAVING PROGRAM (ESP)



These systems know how to save you money. If you leave the room without turning the unit off, ESP knows

that you left and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to the previous operating mode. This prevents wasteful operation to save energy without you having to think about it. This feature can be deactivated if chosen.



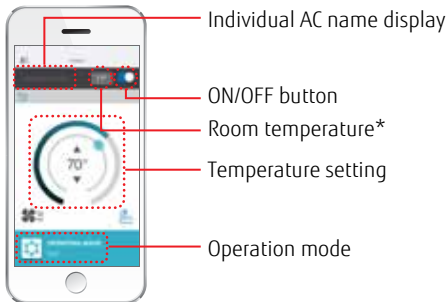


Control your home's climate anytime, anywhere!

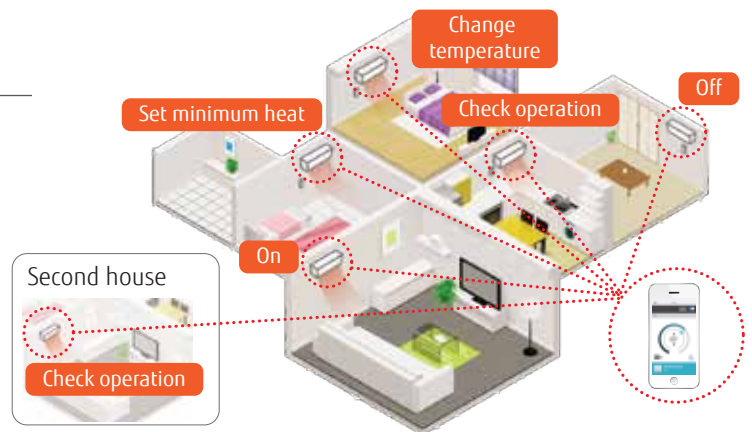
Through the free FGLair app Fujitsu's high efficiency RLS3Y and RLS3YH series heating and cooling systems can be controlled using a smartphone or tablet.

USER FRIENDLY INTERFACE

User friendly screen display facilitates easy operation



*Only applies to RLS3Y units. Feature not available with Wi-Fi module (UTY_TFNXZ2).



Control up to 24 systems using a single smartphone.

MAIN FUNCTIONS

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

INSTALLER SETTING

This feature offers an easy way for contractors to perform the following settings without leaving the application:

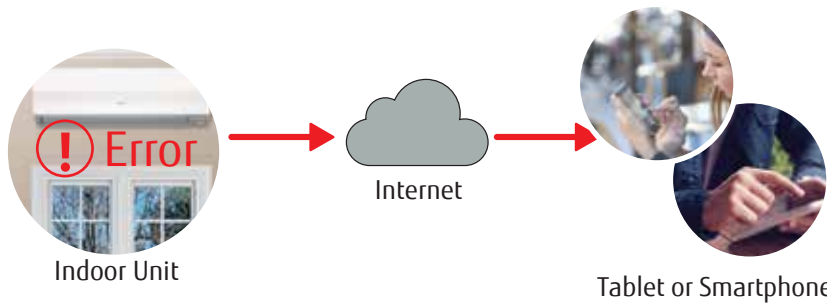
- **Initiate Test Run**
- **Service Contact** allows the customer to notify their contractor whenever there is an issue with the system.
- **Function Setting** through an easy-to-use interface, contractors can enter function settings into the system by selecting the desired function and setting value. Please refer to the installation manual for available function settings.



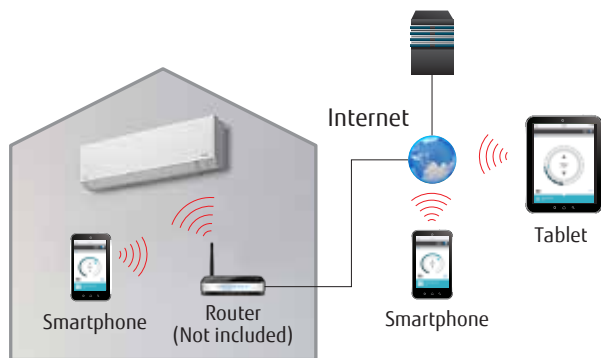
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ERROR DISPLAY & E-MAIL NOTIFICATION

This model can notify you via e-mail of an error message.



SYSTEM DIAGRAM



Wireless router
- IEEE802.11b/g/n wireless LAN standard

Required Operating System version
- Android OS 4.1 or later
- iOS 8.0 or later

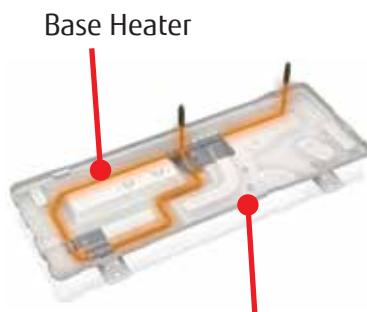
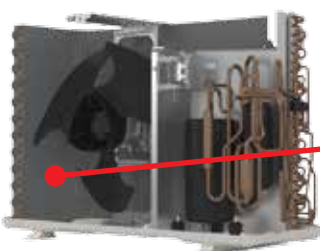
FGLair SmartHome

Voice control for your Fujitsu Halcyon system using Amazon Echo or Google Home. Uses FGLair, with no loss of inverter efficiency.



BASE PAN HEATER FOR RLS3YH SYSTEMS

- The Extra Low Temperature Heating (**XLTH**) Series features outdoor condensing units engineered to operate in temperatures down to -15°F.
- A built-in base heater that provides powerful heating even at extra low outdoor temperatures.
- The contoured base design discharges melted water through many holes located at the bottom of the unit.



Drain Holes

Metal Fan Guard



No Base Heater



With Base Heater

FEATURES

- Energy Saving Program (ESP)** : After 20 minutes, ESP knows if a room is unoccupied and temperature is adjusted accordingly until users return. Function is disabled in multi-zone installations.
- Economy mode** : Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.
- Powerful mode** : 20 minutes of continuous operation at maximum airflow and maximum compressor speed. Rapid cooling and heating makes the room comfortable quickly.
- Minimum Heat operation** : Sets room temperature to 50°F, keeping temperatures above freezing and reducing power consumption.
- Low Noise Mode** : Limits compressor and fan speed during high speed operation for a 3 dB noise reduction.+
- Auto-changeover** : 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 Louver: 4-way** : Redirects airflow automatically with up/down and left/right motion.
- Auto fan mode** : System starts in high fan speed and automatically adjusts downward as room begins to reach set temperature.
- Auto restart/reset** : Following a power failure, systems will automatically restart in the same operating mode as before, once power has been restored.
- Sleep timer** : Automatically adjusts the temperature while you sleep to make you more comfortable.
- 24-hour timer** : Allows for one on/off cycle during a 24 hour period.
- Weekly timer** : Allows you to set on/off time twice a day and a different on/off time by day.
- Filter indicator** : LED light signals when it is time to clean the filter.
- Ion deodorization filter** : Deodorizes by decomposing absorbed odors using the oxidizing and reducing effects of ions generated by fine ceramic particles. 3 year life expectancy.
- Apple-catechin filter** : Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated. 3 - 12 month life expectancy, depending on environment.

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

*Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. 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.

OPTIONAL ACCESSORIES



Wired Remote Controller
UTY-RVNUM



Wired Remote Controller
UTY-RNNUM



Simple Remote Controller
UTY-RSNUM

- **Interface Kit UTY-TWBXF1**
Required to connect the ASU9RLS3, ASU12RLS3 and ASU15RLS3 to Wired Remotes UTY-RNNUM and UTY-RVNUM, Dry Contact Wire Kit UTY-XWZXZ5, and Simple Remote Control UTY-RSNUM.

THIRD PARTY THERMOSTAT CONVERTER - UTY-TTRX

Control your Fujitsu heating and cooling system with your favorite smart thermostat (not included).



TTRX-KIT

Includes the most commonly used parts needed to install a UTY-TTRX Third Party Thermostat Adapter. Includes:

- (1) UTY-TTRX Third Party Thermostat Adapter
- (1) VPL24-210V Transformer
- (1) UTY-WiFi Plug



- **External Connect Kit UTY-XWZXZ5**

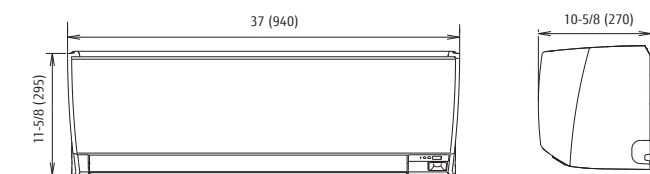
SPECIFICATIONS

Indoor Model # Outdoor Model #	ASU9RLS3Y AOU9RLS3	ASU12RLS3Y AOU12RLS3	ASU15RLS3Y AOU15RLS3	ASU9RLS3Y AOU9RLS3H	ASU12RLS3Y AOU12RLS3H	ASU15RLS3Y AOU15RLS3H
Nominal Cooling BTU/h	9,000	12,000	14,500	9,000	12,000	14,500
Min.~Max. Cooling BTU/h	3,100-12,000	3,100-13,600	3,100-18,400	3,100-12,000	3,100-13,600	3,100-18,400
Nominal Heating BTU/h	12,000	16,000	18,000	12,000	16,000	18,000
Min.~Max. Heating BTU/h	3,100-22,000	3,100-22,100	3,100-23,900	3,100-22,000	3,100-22,100	3,100-23,900
HSPF BTU/hW	14.2	14.0	13.4	14.0	13.8	13.3
SEER BTU/hW	33.0	29.3	25.3	33.0	29.3	25.3
EER Clg	18.0	15.2	13.9	18.0	15.2	13.9
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Htg. Operating Range °F(°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)	-15~75 (-26~24)	-15~75 (-26~24)	-15~75 (-26~24)
Moisture Removal Pt./h(l/h)	2.6 (1.2)	2.7 (1.3)	4.0 (1.9)	2.6 (1.2)	2.7 (1.3)	4.0 (1.9)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR (A)	15	15	20	15	15	20
Air Circ. C.F.M. (m3/h): Hi	489 (830)	489 (830)	547 (930)	489 (830)	489 (830)	547 (930)
Medium	400 (680)	400 (680)	459 (780)	400 (680)	400 (680)	459 (780)
Low	341 (580)	341 (580)	371 (630)	341 (580)	341 (580)	371 (630)
Quiet	224 (380)	224 (380)	Clg 259 (440) Htg 294 (500)	224 (380)	224 (380)	Clg 259 (440) Htg 294 (500)
Noise Level dB(A) (Clg/Htg): Hi	42/41	42/41	45/45	42/41	42/41	45/45
Medium	37/35	37/35	40/39	37/35	37/35	40/39
Low	32/31	32/31	34/33	32/31	32/31	34/33
Quiet	23/23	23/23	26/27	23/23	23/23	26/27
Outdoor Noise Level dB(A) Clg/Htg	42/47	43/47	49/50	42/47	43/47	49/50
Current Rated/Max (A): Cooling	2.5/9.4	3.8/9.4	4.8/9.9	2.5/9.4	3.8/9.4	4.8/9.9
Heating	3.3/10.9	4.7/10.9	5.2/13.9	3.3/11.9	4.7/11.9	5.2/14.9
Power Use Rated/Max (kw): Cooling	0.50/0.85	0.79/0.99	1.04/1.56	0.50/0.85	0.79/0.99	1.04/1.56
Heating	0.66/1.93	1.01/1.94	1.15/2.19	0.66/1.93	1.01/1.94	1.15/2.19
Fan Speeds Stage	4+Auto	4+Auto	4+Auto	4+Auto	4+Auto	4+Auto
Air Direction: Horizontal	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Vertical	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable	Washable	Washable
Connection Method	Flare	Flare	Flare	Flare	Flare	Flare
Combined Min. Length Ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)
Combined Max. Length Ft (m)	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')
Max. Vertical Diff. Ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)
	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor	Indoor Outdoor
Conn. Pipe Diameter Inch	Suc. 3/8 Dis. 1/4	Suc. 3/8 Dis. 1/4	Suc. 1/2 Dis. 1/4	Suc. 3/8 Dis. 1/4	Suc. 3/8 Dis. 1/4	Suc. 1/2 Dis. 1/4
Net Weight lbs. (kg)	31(14) 84(38)	31(14) 84(38)	31(14) 86(39)	31(14) 86(39)	31(14) 86(39)	31(14) 88(40)
Dimensions: Height Inch	11-5/8	24-7/16	11-5/8	24-7/16	11-5/8	24-7/16
mm	295	620	295	620	295	620
Width Inch	37	31-1/8	37	31-1/8	37	31-1/8
mm	940	790	940	790	940	790
Depth Inch	10-5/8	11-7/16	10-5/8	11-7/16	10-5/8	11-7/16
mm	270	290	270	290	270	290
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A

Note: Figures are based on 230 Volts.

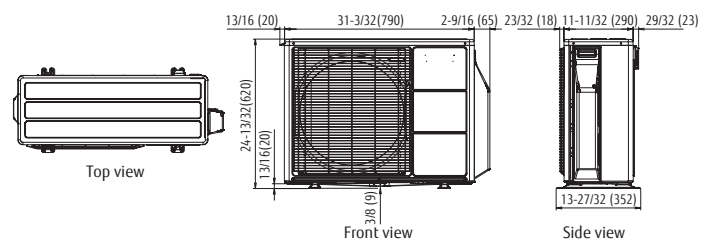
DIMENSIONS

Indoor unit: ASU9RLS3Y / ASU12RLS3Y / ASU15RLS3Y



Units: in (mm)

Outdoor unit: AOU9RLS3(H) / AOU12RLS3(H) / AOU15RLS3(H)





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