

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

## SYSTEMS 9RLS2H, 12RLS2H, 15RLS2H



Up to 27.2 SEER

### ESP Energy Saving Program

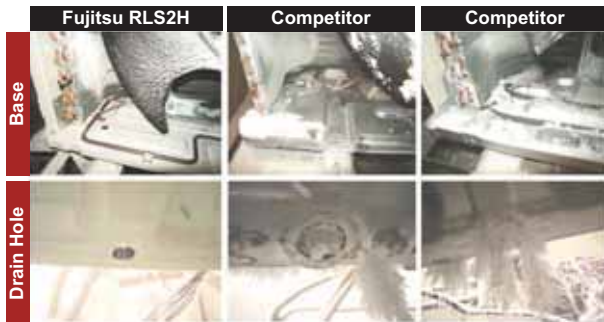
ESP senses when you leave a room and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to previous operating mode. This feature can be deactivated if chosen.

### High Performance Heating

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor. Standard rated heating capacity is maintained down to 3°F. RLS2H models will deliver more than 73% of rated heating capacity at -15°F.

### Base Pan Heater

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



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

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

### Optional Accessories

- Wired Remote Controller: UTY-RVNUM  
Backlit and includes room temperature!
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Communication Kit: UTY-TWBXF



	9RLS2H Heat Pump	12RLS2H Heat Pump	15RLS2H Heat Pump
Nominal Cooling BTU/h	9,000	12,000	14,500
Min.~Max. Cooling BTU/h	3,100~12,000	3,100~13,600	3,100~18,400
Nominal Heating BTU/h	12,000	16,000	18,000
Min.~Max. Heating BTU/h	3,100~22,000	3,100~22,100	3,100~23,900
HSPF BTU/hW	8.8	9.3	10.3
SEER BTU/hW	27.2	25.0	21.5
EER Clg/Htg	16.1/15.0	13.8/13.3	12.0/13.3
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Htg. Operating Range °F(°C)	-15~75 (-26~24)	-15~75 (-26~24)	-15~75 (-26~24)
Moisture Removal Pt./h(l/h)	2.75 (1.3)	3.8 (1.8)	4.44 (2.1)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR (A)	15	15	20
Air Circ. C.F.M. (m <sup>3</sup> /h): Hi	500 (850)	500 (850)	530 (900)
Medium	394 (670)	394 (670)	436 (740)
Low	324 (550)	324 (550)	336 (570)
Quiet	194 (330)	194 (330)	229 (390)
Noise Level dB(A): Hi	43/43	43/43	45/45
Medium	37/38	37/38	40/40
Low	32/32	32/32	33/34
Quiet	21/21	21/21	25/27
Outdoor Fan Speed RPM Clg/Htg	780/780	870/780	870/780
Outdoor Noise Level dB(A)	48/49	49/50	51/51
Current Rated (A): Cooling	2.7	4.0	5.5
Heating	3.7	5.5	6.1
Power Use Rated (kw): Cooling	.56	.87	1.21
Heating	.80	1.20	1.35
Fan Speeds Stage	4+Auto	4+Auto	4+Auto
Air Direction: Horizontal	Manual	Manual	Manual
Vertical	Auto	Auto	Auto
Air Filter	Washable	Washable	Washable
Apple Catechin Filter	Yes	Yes	Yes
Connection Method	Flare	Flare	Flare
Combined Min. Lgth Ft (m)	10 (3)	10 (3)	10 (3)
Combined Max. Lgth Ft (m)	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)
Conn. Pipe Diameter Inch	Suc. 3/8 Dis. 1/4	Suc. 3/8 Dis. 1/4	Suc. 1/2 Dis. 1/4
Net Weight lbs. (kg)	21 (9.5)	88 (40)	21 (9.5)
Dimensions: Height Inch	11-1/8 13-1/4*	24-1/2	11-1/8 13-1/4*
mm	282/337*	620	282/337*
Width Inch	34-1/4	31-3/32	34-1/4
mm	870	790	870
Depth Inch	7-1/4	11-13/32	7-1/4
mm	185	290	185
Refrigerant	R410A	R410A	R410A

Indoor ASU9RLS2	Outdoor AOJ9RLS2H	Indoor ASU12RLS2	Outdoor AOJ12RLS2H	Indoor ASU15RLS2	Outdoor AOJ15RLS2H
-----------------	-------------------	------------------	--------------------	------------------	--------------------

Note: Figures are based on 230 Volts. \*Height when front panel is open.