

Wall Mounted 9, 12, 18 and 24,000 BTU 9RLFW1, 12RLFW1, 18RLXFW, 24RLXFW



Indoor Models
ASU9RLF1
ASU12RLF1



Outdoor Models
AOU9RLFW1
AOU12RLFW1



Indoor Models
ASU18RLF
ASU24RLF



Outdoor Models
AOU18RLXFW
AOU24RLXFW

Applications

These models are single zone 9, 12, 18 and 24,000 BTU ductless heat pumps, meaning they provide cooling in the summer and heat in the winter for year-round comfort.

Strong, quiet and efficient DC motors are used both indoors and outdoors. High performance fan blades, condensers and evaporators combined with variable speed inverter-driven compressors make for unmatched performance. Variable speed compressors automatically adjust to fluctuating room capacity requirements.

Designed for single rooms, these systems are the perfect solution for any space that needs cooling or heating.

Standard Features

	Wireless Remote Control		Economy Mode
	Apple Catechin Filter		Quiet Mode
	Ion Deodorizing Filter		Power Diffuser [^]
	Sleep Timer		Auto Restart/Reset
	24-Hour Timer		Auto Changeover
	Weekly Timer*		Low Ambient Cooling
	Dry Mode		Long Piping Length [^]
	Auto Louver: Up/Down+		Cold Prevention
	Auto Louver: 4-way [^]		Remote Temp. Sensor*
	Auto Mode		Pump Down Operation [^]
	Minimum Heat Mode		3 rd Party Device Control**

* Available only with optional wired remote controller.
** Operation monitoring and On/Off control only.

+ Feature of 9RLFW1 and 12RLFW1 only.
[^] Feature of 18RLXFW and 24RLXFW only.

Features

Energy Efficient

All systems feature high efficiencies and are **ENERGY STAR® Qualified**, meaning lower utility bills for home and business owners. Systems 9 and 12RLFW1 reach **ENERGY STAR's® Most Efficient 2013** standards.



Up to 23.0 SEER
Systems 9RLFW1, 12RLFW1

Multi-Zone Compatible

As part of the HFI line, indoor wall mount models are also compatible in multi-zone configurations when paired with multi-zone outdoor models.



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 it's 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 last 3-12 months.

Accessories

- Wired Remote Controller: UTY-RVNUM*
Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM*
- Simple Remote Controller: UTY-RSNUM*
- Dry Contact Wire Kit: UTY-XWZX++
- Dry Contact Wire Kit: UTY-XWZXZ5+
- Interface Kit: UTY-XCBXZ2+

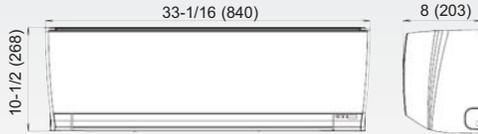
* Wall mounted ASU9, 12RLF1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.

+ Compatible with ASU9, 12RLF1 only.

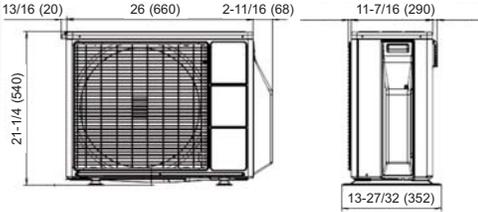
++ Compatible with ASU18, 24RLF only.

Dimensions

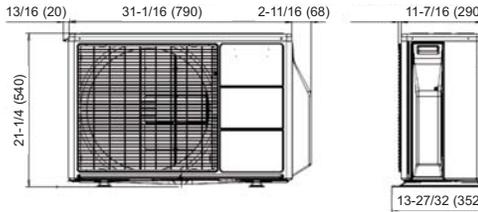
ASU9RLF1, ASU12RLF1



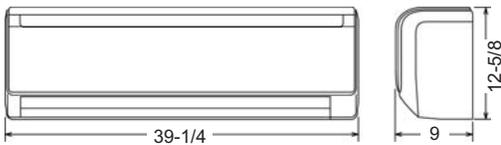
AOU9RLF1



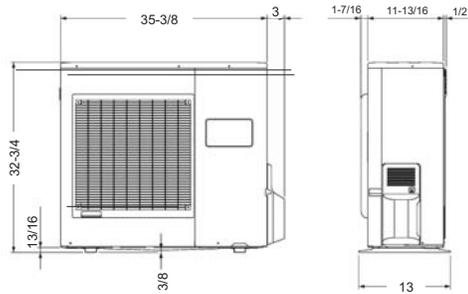
AOU12RLF1



ASU18RLF, ASU24RLF



AOU18RLXFW, AOU24RLXFW



#Adapter Fittings

Supplied in outdoor unit to be installed on the indoor unit.

1/4FF x 3/8MF
For 18RLF and 24RLF



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	9RLF1	12RLF1	18RLXFW	24RLXFW
	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	LEARN MORE AT energystar.gov			
Nominal Cooling BTU/h	9,000	12,000	18,000	22,000
Min.~Max. Cooling BTU/h	1,700~10,900	3,100~13,300	7,000~23,000	9,900~27,300
Nominal Heating BTU/h	12,000	16,000	21,600	27,600
Min.~Max. Heating BTU/h	1,700~15,000	3,100~19,100	7,000~29,000	7,500~36,200
HSPF BTU/hW	11.0	11.0	10.0	10.0
SEER BTU/hW	23.0	22.0	19.2	18.0
EER Clg/Htg	13.8/13.5	12.5/12.5	13.3/12.0	12.5/11.6
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	0~115 (-18~46)
Htg. Operating Range °F(°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	0~75 (-18~24)
Moisture Removal Pt./h(lb)	2.75 (1.3)	3.80 (1.8)	5.9 (2.8)	6.3 (3.0)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR (A)	20	20	20	30
Air Circ. C.F.M. (m ³ /h): Hi	441 (750)	441 (750)	541 (920)	659 (1,120) Clg 677 (1,150) Htg
Medium	376 (640)	376 (640)	435 (740)	500 (930)
Low	282 (480) Clg 306 (520) Htg	282 (480) Clg 306 (520) Htg	365 (620)	435 (740)
Quiet	182 (310) Clg 194 (330) Htg	182 (310) Clg 194 (330) Htg	306 (520) Clg 318 (540) Htg	365 (620)
Noise Level dB(A) (Clg/Htg): Hi	43/43	43/43	43/44	49/49
Medium	40/38	40/38	37/37	42/42
Low	32/33	32/33	33/33	37/37
Quiet	21/22	21/22	28/28	33/33
Outdoor Fan Speed RPM Clg/Htg	780/720	780/680	620/620	800/850
Outdoor Noise Level dB(A) Clg/Htg	48/48	49/49	47/50	54/55
Current Rated/Max (A): Cooling	3.2/6.0	4.4/6.5	6.2/13.5	7.9/15.0
Heating	4.2/7.5	5.9/9.0	8.0/14.5	10.5/15.5
Power Use Rated/Max (kw): Cooling	0.65/1.27	0.96/1.40	1.35/3.01	1.76/3.42
Heating	0.89/1.60	1.28/1.99	1.80/3.23	2.38/3.53
Fan Speeds Stage	4+Auto	4+Auto	4+Auto	4+Auto
Air Direction: Horizontal	Manual	Manual	Automatic	Automatic
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Apple Catechin Filter	Yes	Yes	Yes	Yes
Connection Method	Flare	Flare	Flare	Flare
Combined Min. Lgth Ft (m)	10 (3)	10 (3)	16 (5)	16 (5)
Combined Max. Lgth Ft (m)	66 (20.1)	66 (20.1)	164 (50)	164 (50)
Max. Vertical Diff. Ft (m)	49 (15)	49 (15)	98 (30)	98 (30)
Conn. Pipe Diameter Inch	Suc. 3/8 Dis. 1/4	Suc. 3/8 Dis. 1/4	Suc. 5/8# Dis. 3/8#	Suc. 5/8# Dis. 3/8#
Net Weight lbs. (kg)	18 (8) 60 (27)	18 (8) 80 (36)	31 (14) 135 (61)	31 (14) 135 (61)
Dimensions: Height Inch	10-1/2	21-1/4	10-1/2	21-1/4
mm	268	540	268	540
Width Inch	33-1/16	26	33-1/16	31
mm	840	660	840	790
Depth Inch	8	11-7/16	8	11-7/16
mm	203	290	203	290
Refrigerant	R410A	R410A	R410A	R410A

	Indoor ASU9RLF1	Outdoor AOU9RLF1	Indoor ASU12RLF1	Outdoor AOU12RLF1	Indoor ASU18RLF	Outdoor AOU18RLXFW	Indoor ASU24RLF	Outdoor AOU24RLXFW
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Note: Figures are based on 230 Volts.

