

Wall Mounted 18 and 24,000 BTU Systems

18RLXFW1, 24RLXFW1



Applications

These models are single zone 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

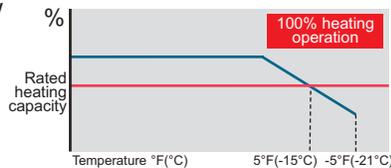
- | | |
|-------------------------|----------------------------|
| Wireless Remote Control | Quiet Mode |
| Apple Catechin Filter | Power Diffuser |
| Ion Deodorizing Filter | Auto Restart/Reset |
| Sleep Timer | Auto Changeover |
| 24-Hour Timer | Low Ambient Cooling |
| Weekly Timer* | Long Piping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

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

Features

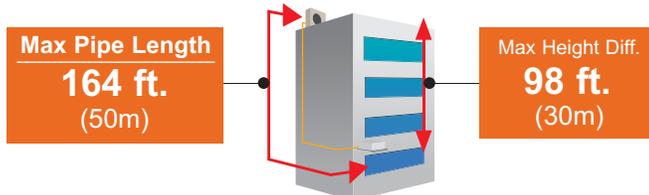
High Performance Heating Capacity

Stay comfortable at low ambient temperatures! These systems can deliver 100% of rated heating capacity at 5°F (-15°C) and operates down to -5°F (-21°C).



Extended Line Set

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

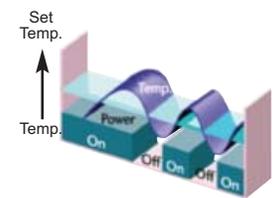


Constant Comfort through Inverter Technology

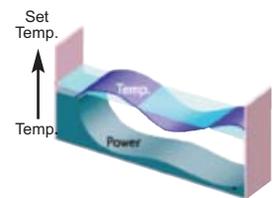
Inverter technology is like cruise control for your heating or cooling system. Compressors only run as fast as they need to handle the cooling or heating demand. They can handle greater extremes in temperature, are smoother and more stable in operation, and reach the desired temperature more quickly than conventional air conditioners.

Inverter Benefits

- More heat at lower outdoor temperatures
- Lower RPMs = quieter operation
- Desired temperature in half the time
- Up to 30% more efficient
- Stable temperature



Conventional System



Inverter System

Features (cont.)

Energy Efficient

All systems feature high efficiencies and are **ENERGY STAR® Qualified**, meaning lower utility bills for home and business owners.



Accessories

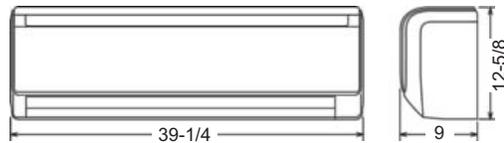
- Wired Remote Controller: UTY-RVNUM
Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZX



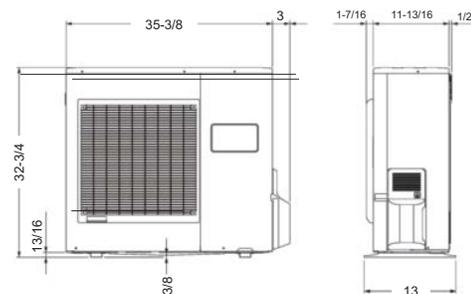
UTY-RVNUM

Dimensions

ASU18RLF, ASU24RLF



AOU18RLXFW1, AOU24RLXFW1



#Adapter Fittings

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

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



1/2FF x 5/8MF
For 18RLF



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	18RLXFW1 Heat Pump	24RLXFW1 Heat Pump
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Nominal Cooling BTU/h	18,000	22,000
Min.-Max. Cooling BTU/h	7,000~23,000	9,900~27,300
Nominal Heating BTU/h	21,600	25,200
Min.-Max. Heating BTU/h	7,000~29,000	7,500~36,200
HSPF BTU/hW	10.5	10.6
SEER BTU/hW	20.0	19.5
EER Clg	13.3	12.5
Clg. Operating Range °F(°C)	-5~-115 (-20~-46)	-5~-115 (-20~-46)
Htg. Operating Range °F(°C)	-5~-75 (-20~-24)	-5~-75 (-20~-24)
Moisture Removal Pt./h(l/h)	5.9 (2.8)	6.3 (3.0)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1
MAX.CRT.BKR (A)	20	30
Air Circ. C.F.M. (m ³ /h): Hi	541 (920)	659 (1,120) Clg 677 (1,150) Htg
Medium	435 (740)	530 (900)
Low	365 (620)	435 (740)
Quiet	306 (520) Clg 318 (540) Htg	365 (620)
Noise Level dB(A) (Clg/Htg): Hi	43/44	49/49
Medium	37/37	42/42
Low	33/33	37/37
Quiet	28/28	33/33
Outdoor Noise Level dB(A) Clg/Htg	47/50	54/55
Current Rated/Max (A): Cooling	6.2/13.5	7.9/15.0
Heating	7.8/14.5	8.6/15.5
Power Use Rated/Max (kw): Cooling	1.35/3.01	1.76/3.42
Heating	1.80/3.23	2.38/3.53
Fan Speeds Stage	4+Auto	4+Auto
Air Direction: Horizontal	Automatic	Automatic
Vertical	Automatic	Automatic
Air Filter	Washable	Washable
Apple Catechin Filter	Yes	Yes
Connection Method	Flare	Flare
Combined Min. Lgth Ft (m)	16 (5)	16 (5)
Combined Max. Lgth Ft (m)	164 (50)	164 (50)
	(pre-charge: 66')	(pre-charge: 66')
Max. Vertical Diff. Ft (m)	98 (30)	98 (30)
Conn. Pipe Diameter Inch	Suc. 5/8# Dis. 3/8#	Suc. 5/8# Dis. 3/8#
Net Weight lbs. (kg)	31 (14)	134 (61)
	31 (14)	134 (61)
Dimensions: Height Inch	12-5/8	32-3/4
	12-5/8	32-3/4
mm	320	830
Width Inch	39-1/4	35-3/8
	39-1/4	35-3/8
mm	998	900
Depth Inch	9	13
	9	13
mm	228	330
Refrigerant	R410A	R410A

Indoor ASU18RLF
Outdoor AOU18RLXFW1
Indoor ASU24RLF
Outdoor AOU24RLXFW1

Note: Figures are based on 230 Volts.



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

