

FUJITSU

WALL MOUNTED SYSTEMS

9, 12, 18 & 24,000 BTU HEAT PUMPS
9RLFW1, 12RLFW1, 18RLXFW & 24RLXFW

UP TO 23 SEER



*For over 35 years, We strive to make
your environment more comfortable!*



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9, 12, 18 & 24,000 BTU HEAT PUMPS

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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 inverterdriven 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.

ENERGY EFFICIENT

All systems feature high efficiencies and are ENERGY STAR Qualified, meaning lower utility bills for home and business owners. Systems 9 and 12RFLW1 reach ENERGY STAR Most Efficient 2014 standards.

STANDARD FEATURES

wireless remote control ~ apple catechin filter
ion deodorizing filter ~ sleep timer ~ 24-hour timer
weekly timer* ~ dry mode ~ auto louver: up/down+
auto louver: 4-way^ ~ auto mode ~ min. heat mode
economy mode ~ quiet mode ~ power diffuser^
auto restart/reset ~ auto changeover
low ambient cooling ~ long piping length^
cold prevention ~ remote temp. sensor*
pump down operation^ ~ 3rd party device control**



* Available only with optional wired remote controller.
** Operation monitoring and On/Off control only
+ Feature of 9RFLW1 and 12RFLW1 only.
^ Feature of 18RLXFW and 24RLXFW only.

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, 12RFL1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.
+ Compatible with ASU9, 12RFL1 only.
++ Compatible with ASU18, 24RLF only.

	9RFLW1	12RFLW1	18RLXFW	24RLXFW
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
cooling operating range °F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	0~115 (-18~46)
heating operating range °F (°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	0~75 (-18~24)
moisture removal Pt./h (l/h)	2.75 (1.3)	3.8 (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
recommended fuse size (A)	20	20	20	30
air circulation C.F.M. : hi (m³/h)	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 (A): clg	3.2 / 6.0	4.4 / 6.5	6.2 / 13.5	7.9 / 15.0
current rated (A): htg	4.2 / 7.5	5.9 / 9.0	8.0 / 14.5	10.5 / 15.5
power use rated (kW): clg	0.65 / 1.27	0.96 / 1.40	1.35 / 3.01	1.76 / 3.42
power use rated (kW): htg	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	Auto	Auto
vertical	Auto	Auto	Auto	Auto
air filter	Washable	Washable	Washable	Washable
connection method	Flare	Flare	Flare	Flare
combined min. length ft (m)	10 (3)	10 (3)	16 (5)	16 (5)
combined max. length ft (m)	66 (20.1) (pre-charge 49')	66 (20.1) (pre-charge 49')	164 (50) (pre-charge 66')	164 (50) (pre-charge 66')
max. vertical diff. ft (m)	49 (15)	49 (15)	98 (30)	98 (30)
conn. pipe diameter in	suc. 3/8 liq. 1/4	suc. 3/8 liq. 1/4	suc. 5/8 liq. 3/8	suc. 5/8 liq. 3/8
net weight lbs (kg)	18 (8) 60 (27)	18 (8) 80 (36)	31 (14) 135 (61)	31 (14) 135 (61)
dimensions: height in	10 9/16 21 1/4	10 9/16 21 1/4	12 5/8 32 3/4	12 5/8 32 3/4
mm	268 540	268 540	320 830	320 830
width in	33 1/16 26	33 1/16 31	39 1/4 35 3/8	39 1/4 35 3/8
mm	840 660	840 790	998 900	998 900
depth in	8 11 7/16	8 11 7/16	9 13	9 13
mm	203 290	203 290	228 330	228 330
	ASU9RLF1 indoor	AOU9RFLW1 outdoor	ASU12RLF1 indoor	AOU12RFLW1 outdoor
			ASU18RLF indoor	AOU18RLXFW outdoor
			ASU24RLF indoor	AOU24RLXFW outdoor

note: based on 230V



authorized dealer



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.

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