

# K(E) Series (SEER 18)



## Elegant design with comfort control features.

Key features include:

- Standby electricity saving reduces electricity consumption by up to 90% when the unit is not in operation.
- Econo mode decreases power consumption during startup when other appliances need more power.
- Titanium apatite photocatalytic air purification filter decomposes odors and attracts microscopic particles that can carry bacteria and viruses.
- Whisper quiet operation with sound levels as low as 22 dB(A).
- Available from 9,000 Btu/h to 24,000 Btu/h in heat pump and cooling only models.

### KE Series Standard Efficiency System Performance

		9,000	12,000	15,000	18,000	22,000
Cooling Capacity (Rated)	Btu/h	9,000	12,000	15,000	18,000	22,000
Cooling Capacity (Min - Max)	Btu/h	4,400 - 9,500	4,400 - 12,000	5,800 - 15,000	5,800 - 18,000	5,800 - 22,000
Heating Capacity (Rated)*	Btu/h	10,000	13,500	18,000	21,600	24,000
Heating Capacity (Min - Max)*	Btu/h	4,400 - 11,600	4,400 - 16,400	5,800 - 21,200	5,800 - 24,000	5,800 - 25,400
SEER		18.0	18.0	18.0	18.0	18.0
COP		3.49	3.25	3.05	2.88	2.78
EER		12.0	9.9	12.0	12.0	8.6
HSPF*		8.5	8.5	8.5	8.5	8.5
Power Supply	V/ph/Hz	208-230/1/60				
Minimum Circuit Amps	A	4.8	7.0	15.5	15.5	15.5
Maximum Overcurrent Protection	A	15.0	15.0	20.0	20.0	20.0
Power Consumption - Cooling	W	750	1,210	1,250	1,500	2,560
Power Consumption - Heating*	W	840	1,220	1,730	2,200	2,530

### Indoor Units - FTXN\_K(E)VJU(5) Wall Mounted Units

Model Name		FTXN09KEVJU(5)	FTXN12KEVJU(5)	FTXN15KVJU	FTXN18KVJU	FTXN24KVJU
Moisture Removal	gal/h	n/a	n/a	0.77	1.03	1.19
Airflow-Wet (H/M/L/SL)	CFM	325/244/162/138	328/254/184/152	519/438/364/335	572/480/403/360	572/480/403/360
Airflow-Dry (H/M/L/SL)*	CFM	342/275/212/187	357/293/226/201	568/491/406/360	614/533/448/403	614/533/448/403
Sound Pressure - Cooling (H/M/L/SL)	dB(A)	40/33/26/22	42/34/27/23	45/41/36/33	45/41/36/33	46/42/37/34
Sound Pressure - Heating (H/M/L/SL)*	dB(A)	40/34/28/25	41/35/29/26	44/40/35/32	44/40/35/32	46/42/37/34
Piping Connections	Liquid (O.D.)	in. Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in. Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 1/2
	Condensate Drain	in. Ø 5/8	Ø 5/8	Ø 11/16	Ø 11/16	Ø 11/16
Dimensions (H x W x D)	in.	11-1/8 x 30-3/8 x 7-3/4			11-7/16 x 41-5/16 x 9-3/8	
Net Weight	lbs.	16.0			26.5	

### Outdoor Units - RKN\_KEVJU(5) Cooling Only and RXN\_KEVJU(5) Heat Pump

Model Name	Cooling Only	RKN09KEVJU(5)	RKN12KEVJU(5)	RKN15KEVJU(5)	RKN18KEVJU(5)	RKN24KEVJU(5)
	Heat Pump	RXN09KEVJU(5)	RXN12KEVJU(5)	RXN15KEVJU(5)	RXN18KEVJU(5)	RXN24KEVJU(5)
Sound Pressure Level - Cooling/Heating*	dB(A)	48 / 48	50 / 51	51 / 53	53 / 53	54 / 54
Operating Range - Cooling	°F DB	50 - 115	50 - 115	50 - 115	50 - 115	50 - 115
Operating Range - Low Ambient Cooling**	°F DB	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Cooling with Optional Wind Baffle**	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*	°F DB	5 - 77	5 - 77	5 - 77	5 - 77	5 - 77
Max. Piping Length	ft.	65.6	65.6	98.4	98.4	98.4
Max. Piping Height	ft.	49.2	49.2	65.6	65.6	65.6
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8			23-7/16 x 31-5/16 x 11-13/16	
Net Weight	lbs.	68.0			93.0	

\*Applicable to heat pump models only

\*\*Cutting a jumper is required. Refer to installation manual.

# LV Series (Up to SEER 24.5)



## Sleek design with energy saving features.

Key features include:

- Intelligent eye adjusts between normal operation and energy saving mode by utilizing a motion detecting sensor to monitor occupancy, resulting in savings up to 20% in heating and 30% in cooling.
- Weekly timer provides customizable 7 day comfort with the ability to program up to 4 settings per day.
- 3-D airflow combines vertical and horizontal auto-swing to circulate warm or cool air throughout large spaces.
- Titanium apatite photocatalytic air purification filter decomposes odors and attracts microscopic particles that can carry bacteria and viruses.
- Available from 9,000 Btu/h to 24,000 Btu/h in heat pump models.



All FTXS/RXS\_LVJU systems qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.

### LV Series High Efficiency System Performance

		9,000	12,000	15,000	18,000	21,500
Cooling Capacity (Rated)	Btu/h	9,000	12,000	15,000	18,000	21,500
Cooling Capacity (Min - Max)	Btu/h	4,400 - 10,600	4,800 - 13,800	5,800 - 18,000	5,800 - 21,600	7,800 - 25,800
Heating Capacity (Rated)	Btu/h	9,000	14,400	15,000	18,000	25,400
Heating Capacity (Min - Max)	Btu/h	4,400 - 15,600	4,800 - 18,000	5,800 - 22,300	5,800 - 26,700	7,800 - 31,400
SEER		24.5	23.0	20.6	20.3	20.0
COP		4.46	4.35	4.00	3.70	3.37
EER		15.3	12.8	14.4	12.7	12.5
HSPF		12.5	12.5	11.6	11.0	10.6
Power Supply	V/ph/Hz	208-230/1/60				
Minimum Circuit Amps	A	8.00	8.75	13.75	13.75	17.50
Maximum Overcurrent Protection	A	15.0	15.0	20.0	20.0	20.0
Power Consumption - Cooling	W	590	940	1,040	1,420	1,720
Power Consumption - Heating	W	790	970	1,320	1,710	2,210

### Indoor Units - FTXS\_LVJU Wall Mounted Units

Model Name		FTXS09LVJU	FTXS12LVJU	FTXS15LVJU	FTXS18LVJU	FTXS24LVJU
Moisture Removal	gal/h	0.3	0.5	0.8	1.0	1.2
Airflow-Wet (H/M/L/SL)	CFM	381/279/194/145	403/307/205/155	568/477/385/360	583/484/385/360	643/494/350/328
Airflow-Dry (H/M/L/SL)	CFM	420/321/233/219	438/335/240/212	593/505/417/371	625/526/431/399	699/572/445/403
Sound Pressure - Cooling (H/M/L/SL)	dB(A)	41/33/25/22	45/37/29/23	45/40/35/32	46/41/36/33	51/42/37/34
Sound Pressure - Heating (H/M/L/SL)	dB(A)	42/35/28/25	45/39/29/26	43/38/33/30	45/40/35/32	48/42/37/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 5/8
	Condensate Drain	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Dimensions (H x W x D)	Inch	11-5/8 x 31-1/2 x 8-7/16			13-3/8 x 41-5/16 x 9-3/4	
Net Weight	lbs.	20.0	22.0	31.0	31.0	31.0

### Outdoor Units - RXS\_LVJU Heat Pump

Model Name		RXS09LVJU	RXS12LVJU	RXS15LVJU	RXS18LVJU	RXS24LVJU
Sound Pressure Level - Cooling	dB(A)	47/43	49/44	47/44	49/46	52/49
Sound Pressure Level - Heating	dB(A)	48/44	49/45	48/45	49/46	52/49
Operating Range - Cooling	°F DB	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating	°F DB	5 - 77	5 - 77	5 - 77	5 - 77	5 - 77
Max. Piping Length	ft.	65.6	65.6	98.4	98.4	98.4
Max. Piping Height	ft.	49.2	49.2	65.6	65.6	65.6
Dimensions (H x W x D)	in.	21-5/8 x 30-1/8 x 11-1/4		28-15/16 x 32-1/2 x 11-13/16		30-5/16 x 35-7/16 x 12-5/8
Net Weight	lbs.	75.0	75.0	104.0	104.0	159.0