



# EZ CENTRAL SERIES

 **R-454B**  
REFRIGERANT



 HIGHEST COOLING CAPABILITY

 OPTIMIZED ENERGY EFFICIENCY

 LOW NOISE LEVEL

## SEER<sup>2</sup>



CONFORMS TO UL STD. 1995 CERTIFIED TO CSA STD. C22.2 NO. 236



# EZ CENTRAL SERIES

ATTRIBUTE GROUP	ATTRIBUTE NAME	ATTRIBUTE UNIT	EZ CENTRAL	EZ CENTRAL	EZ CENTRAL	EZ CENTRAL
BASIC INFORMATION	Indoor Market Model		EZCENI24K	EZCENI36K	EZCENI48K	EZCENI60K
	Outdoor Market Model		EZCENO24K	EZCENO36K	EZCENO48K	EZCENO60K
BASIC PARAMETER	IDU Power Supply(Volts, Hz, Phase)		115/208/230V,60Hz,1Ph	115/208/230V,60Hz,1Ph	115/208/230V,60Hz,1Ph	115/208/230V,60Hz,1Ph
	ODU Power Supply(Volts, Hz, Phase)		208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
NATIONAL CERTIFICATION	Cooling Capacity	Btu/h	24000	36000	48000	54000
	Cooling Input	W	2181	3600	4800	6200
	Cooling Current	A	9.5	15.2	22.2	27.4
	SEER2	Btu/h/W	18.1	16.1	16	15.2
	EER2	Btu/h/W	11	10	10	8.6
	Cooling Capacity Range	Btu/h	7200-27000	8300-38900	16600-49900	21000-55000
	Cooling Input (range)	W	530 - 2870	710 - 4500	1400 - 5350	1800 - 6410
	Cooling Current(range)	A	3.4 -12.6	4.7 -18.3	6.5 -23.8	8.3 -28.5
	Heating Capacity	Btu/h	26000	36000	48000	54000
	Heating Input	W	2396	3100	4085	4650
	Heating Current	A	10.4	13.1	18.3	21
	HSPF2-4	Btu/h/W	9.7	8.7	8.5	8.4
	HSPF2-5	Btu/h/W	7.7	7	7.2	6.8
	COP	W/W	3.18	3.4	3.45	3.37
	Heating Capacity Range	Btu/h	7100-30000	6700-41300	15300-49500	26000-55000
	Heating Input(range)	W	440 -2730	460 -3550	1025 -4650	975 -4810
	Heating Current(range)	A	2.40 -12.0	2.5 -15.6	5.6 -20.6	6.6 -21.5
	Heating(H32) Rated capacity	Btu/h	20000	25600	32400	33000
	Heating(H32) COP	W/W	2.42	2.6	2.47	2.34
	Heating(H42) Rated capacity	Btu/h	21600	27000	38000	38000
	Heating(H42) COP	W/W	1.87	2	1.85	1.8
	Cooling at 109 F (43 ) Rated capacity	Btu/h	25000	31000	42000	41800
	Cooling at 5 F (-15 )	Btu/h	25600	36000	53500	58000
	Heating at 17F (-8.33 ) Rated capacity	Btu/h	22000	30000	39000	34500
	Heating(H42) 5F(-15 ) Rated capacity	Btu/h	21600	27000	38000	38000
	Heating at -4F (-20 ) Rated capacity	Btu/h	17300	25000	34200	33000
	Heating at -13F (-25 ) Rated capacity	Btu/h	14400	20000	32500	29000
	Indoor MINIMUM CIRCUIT AMPACITY 115V(208/230V)	A	5.5/4.0	8.0/6.0	14.5/11.0	14.5/11.0
	Indoor MAX.FUSE	A	15	15	15	15
	Outdoor MINIMUM CIRCUIT AMPACITY	A	19	24	36	39
Outdoor MAX.FUSE	A	20	30	40	40	
Communication Wiring		AWG 20-2	AWG 20-2	AWG 20-2	AWG 20-2	
Indoor Indoor fan motor RLA	A	3	4.5	7.8	8.3	
Outdoor Outdoor fan motor RLA	A	1	1.5	2	1.2	
Outdoor Compressor Rated current(RLA)	A	14	17.5	27	30	
Indoor Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	824.04 /759.29 /694.55 /629.80 /-	1188.97 /1083.02 /971.19 /865.24 /N/A	1600.99 /1471.50 /1283.15 /1094.80 /N/A	1807.00 /1583.33 /1359.67 /1136.00 /N/A	
Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	N/A/44/42/28/N/A	N/A/48/45/28/N/A	N/A/53/50/44/N/A	56.0/52.0/49.0/54.5/N/A	
Outdoor Outdoor air flow	CFM	1765.7	2413.2	3037.1	3037.1	
Outdoor noise level (Hi)	dB(A)	60	63	65	65	
N.A. Design pressure	PSI	550 /340	550 /340	550 /340	550 /340	
Outdoor Refrigerant type		R454B	R454B	R454B	R454B	
Outdoor Refrigerant charge	oz	74.08	116.40	134.04	134.04	
Outdoor Additional charge	oz/ft	0.7	0.7	0.7	0.7	
Liquid side	mm(inch)	9.52mm(3/8in)	9.52mm(3/8in)	9.52mm(3/8in)	9.52mm(3/8in)	
Gas side	mm(inch)	19mm(3/4in)	19mm(3/4in)	19mm(3/4in)	19mm(3/4in)	
Max. Piping Length	ft	164	246	246	246	
Indoor Operating Temp. Range(Cooling)	F	60-90	60-90	60-90	60-90	
Outdoor Operating Temp. Range(Cooling)	F	-13-122	-13-122	-13-122	-13-122	
Indoor Operating Temp. Range(Heating)	F	32-86	32-86	32-86	32-86	
Outdoor Operating Temp. Range(Heating)	F	-13-75	-13-75	-13-75	-13-75	
SIZE/WEIGHT	Indoor Item Net/Cross weight	lb	105.60/127.43	129.41/153.88	162.92/190.92	162.92/190.92
	Indoor Unit Dimension WxDxH	inch	21.02 x 17.52 x 45.00	21.02 x 21.02 x 49.02	21.02 x 24.49 x 52.99	21.02 x 24.49 x 52.99
	Indoor Package Dimension WxDxH	inch	26.57 x 20.87 x 48.62	26.57 x 24.41 x 52.56	27.95 x 26.77 x 56.50	27.95 x 26.77 x 56.50
	Outdoor Item Net/Cross weight	lb	102.29/109.13	153.22/163.58	192.90/224.21	192.90/224.21
	Outdoor Unit Dimension WxDxH	inch	35.04 x 13.46 x 26.50	37.24 x 16.14 x 31.89	38.58 x 16.34 x 38.39	38.58 x 16.34 x 38.39
	Outdoor Package Dimension WxDxH	inch	39.17 x 15.67 x 29.13	42.91 x 19.68 x 34.84	45.08 x 19.68 x 42.52	45.08 x 19.68 x 42.52
ELECTRICAL MOTOR	Indoor Output	W	250	375	750	750
	Outdoor Outdoor Fan Motor Model		ZKFN-80-8-3	ZKFN-120-10-1L	ZKFN-250-10-1	ZKFN-250-10-1
OUTDOOR ELECTRICAL MOTOR	Outdoor Outdoor Fan Motor Output	W	80	120	250	250
	Outdoor Outdoor Fan Motor Speed(Hi/Mid/Lo)	r/min	810/700/450	800/750/500	850/800/750/650	850/800/750/650
COMPRESSOR	Outdoor Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
	Outdoor Compressor Brand		GMCC	GMCC	HIGHLY	HIGHLY
	Outdoor Compressor Capacity	W	4780/7600	10010	16250	16250

