

Basic Information	Indoor Combination		Z-RPO (6K*3)	Z-RPO (6K*3+9K)	Z-RPO (6K*3+9K*2)	Z-RPO (9K*5)	Z-RPO (6K*3+9K+24K)
	Outdoor Market Model		Z4SOV-18HDMB-USHH	Z4SOV-27HDMB-USHH	Z4SOV-36HDMB-USHH	Z4SOV-48HDMB-USHH	Z4SOV-53HDMB-USHH
	Country/Area		United States	United States	United States	United States	United States
BasicParameter	Configuration Code						
	Power Supply(Volts; Hz; Phase)		208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
	Voltage Range	V	187-253	187-253	187-253	187-253	187-253
National Certification	Cooling Capacity	Btu/h	19000	27000	36000	45000	51000
	Cooling Input	W	1460	2250	2950	3750	4250
	Cooling Current	A	6.5	10	13.2	16.8	18.7
	SEER2	Btu/h/W	21	21	21.5	21.2	21.4
	EER2	Btu/h/W	13	12	12.2	12	12
	Cooling Capacity Range	Btu/h	5400~27600	7200~33000	9000~42000	12000~55000	19000~58000
	Cooling Input (range)	W	400 ~ 2300	500 ~ 3570	600 ~ 4050	800 ~ 5600	1200 ~ 5600
	Cooling Current(range)	A	3.5 ~10.5	4.0 ~15.7	5.2 ~22.0	7.0 ~24.0	10.5 ~24.0
	Heating Capacity	Btu/h	20000	27000	36000	49000	55000
	Heating Input	W	1503	2198	2705	3989	4741
	Heating Current	A	6.8	10	12.4	18	21.2
	HSPF2.4	Btu/h/W	10	10	11.3	10.2	10.6
	HSPF2.5	Btu/h/W	7.5	8.1	9.2	8.4	8.5
	COP	W/W	3.9	3.6	3.9	3.6	3.4
	Heating Capacity Range	Btu/h	5700~25400	8400~32000	10000~44000	13000~55000	20000~56000
	Heating Input(range)	W	350~2300	500~3440	600~5000	800~5200	1200~5400
	Heating Current(range)	A	3.0~10.5	4.0~15.0	5.2~26.0	7.0~23.0	10.5~23.5
	Heating(H32) Rated capacity	Btu/h	16400	23600	36600	40500	45000
	Heating(H32) COP	W/W	2.5	2.4	2.4	2.4	2.6
	Heating(H42) Rated capacity	Btu/h	18000	27000	37000	48000	48000
	Heating(H42) COP	W/W	2	1.9	1.9	2	2
	Cooling Capacity at 109 F (43°C)	Btu/h	19400	28000	32000	42000	42000
	Cooling Capacity at 5F (-15°C)	Btu/h	28000	36000	36000	57500	61000
	Heating Capacity at 17F (-8.33°C)	Btu/h	18000	27000	43000	47500	49000
	Heating Capacity at 5F(-15°C)	Btu/h	18000	27000	37000	48000	48000
	Heating Capacity at -4F (-20°C)	Btu/h	15000	20000	34000	35500	36600
	Heating Capacity at -13F (-25°C)	Btu/h	11800	16000	27000	29000	31000
	Heating Capacity at -22F (-30°C)	Btu/h	9200	12000	22000	22600	27400
	Moisture removal	L/h	1.4	0.7	2.7	3.6	4
	Outdoor MINIMUM CIRCUIT AMPACITY	A	17.5	30	37	43	43
	Outdoor Max Fuse	A	20	35	40	45	45
BasicParameter(NC)	Connection wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
	Outdoor Outdoor fan motor RLA	A	1.2	1.3	2.6	2.5	2.5
	Outdoor Compressor Rated current(RLA)	A	9.2	17	20.5	27	28
	Outdoor Outdoor air flow	m³/h	3620	3650	5160	7650	7650
	Outdoor Outdoor Air Flow(CFM)	CFM	2130.7	2148.4	3037.2	4502.8	4502.8
	Outdoor noise level (Hi)	dB(A)	62	61	65	65	65
	N.A. Design pressure	PSI	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340
	Outdoor Refrigerant type		R454B	R454B	R454B	R454B	R454B
	Outdoor Refrigerant charge	kg	2.22	3.42	3.8	4.3	4.3
	Outdoor Refrigerant charge	ozs	78.31	120.63	134.04	151.68	151.68
	Outdoor Additional charge per metre	g/m	15	15	15	15	15
	Outdoor Additional refrigerant per ft	oz/ft	0.16	0.16	0.16	0.16	0.16
	Outdoor Throttle Type		EXV+Capillary	EXV	EXV	EXV	EXV
	Liquid side	mm(inch)	3x6.35mm(3x1/4in)	4x6.35mm(4x1/4in)	5x6.35mm(5x1/4in)	6x6.35mm(6x1/4in)	6x6.35mm(6x1/4in)
	Gas side	mm(inch)	3x9.52mm(3x3/8in)	3x9.52mm+1x12.7mm(3x3/8in+1x1/2in)	9.52mm+2x12.7mm(3x3/8in+2x1/2in)	9.52mm+2x12.7mm(4x3/8in+2x1/2in)	4x9.52mm+2x12.7mm(4x3/8in+2x1/2in)
	Max. Length per each indoor unit	m	30	35	35	35	35
	Max. Length per each indoor unit	ft	98.4	114.8	114.8	114.8	114.8
	Total Maximum Piping Length per system	m	60	80	80	80	80
	Total Maximum Piping Length per system	ft	196.8	262.4	262.4	262.4	262.4
	Max. difference in level	m	15	15	15	15	15
	Max. Height Difference	ft	49.2	49.2	49.2	49.2	49.2
	Room temperature_Indoor(cooling)	°C	16 ~ 32	16 ~ 32	16 ~ 32	16 ~ 32	16 ~ 32
	Room temperature_ Outdoor(cooling)	°C	-30 ~ 50	-30 ~ 50	-30 ~ 50	-30 ~ 50	-30 ~ 50
	Room temperature_Indoor(heating)	°C	0 ~ 30	0 ~ 30	0 ~ 30	0 ~ 30	0 ~ 30
	Room temperature_ Outdoor(heating)	°C	-30 ~ 24	-30 ~ 24	-30 ~ 24	-30 ~ 24	-30 ~ 24
	Indoor Operating Temp. Range(Cooling)	°F	60~90	60~90	60~90	60~90	60~90
	Outdoor Operating Temp. Range(Cooling)	°F	-22~-122	-22~-122	-22~-122	-22~-122	-22~-122
	Indoor Operating Temp. Range(Heating)	°F	32-86	32-86	32-86	32-86	32-86
	Outdoor Operating Temp. Range(Heating)	°F	-22~-75	-22~-75	-22~-75	-22~-75	-22~-75
Size/Weight	Outdoor Item Net/Gross weight	kg	62.3/67.2	76.4/81.5	96.1/111	111.8/125.5	111.8/125.5
	Outdoor Item Net/Gross weight	lb	137.35/148.15	168.43/179.67	211.86/244.71	246.47/276.68	246.47/276.68
	Outdoor Unit Dimension WxDxH	mm	946x410x810	946x410x810	980x415x975	952x415x1333	952x415x1333
	Outdoor Unit Dimension WxDxH	inch	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	38.58 x 16.34 x 38.39	37.48 x 16.34 x 52.48	37.48 x 16.34 x 52.48
	Outdoor Package Dimension WxDxH	mm	1090x500x885	1090x500x885	1145x500x1080	1095x495x1480	1095x495x1480
	Outdoor Package Dimension WxDxH	inch	42.91 x 19.68 x 34.84	42.91 x 19.68 x 34.84	45.08 x 19.68 x 42.52	43.11 x 19.49 x 58.27	43.11 x 19.49 x 58.27
OutdoorElectricalMotor	Outdoor Outdoor Fan Motor Model		ZKFN-120-8-9	ZKFN-120-8-9	ZKFN-250-10-1	ZKFN-85-10-1L	ZKFN-85-10-1L
	Outdoor Outdoor Fan Motor Output	W	120	120	250	85	85
	Outdoor Outdoor Fan Motor Speed(Hi)/M/r/min		800/700/650	800/750/600	750/700/650	800/700/650	800/700/650
OutdoorElectricalMotor2	Outdoor Outdoor Fan Motor Model		N/A	N/A	N/A	ZKFN-85-10-1L	ZKFN-85-10-1L
	Outdoor Outdoor Fan Motor Output pow	W	N/A	N/A	N/A	85	85
	Outdoor Outdoor Fan Motor Speed(Hi)/M/r/min		N/A	N/A	N/A	800/700/650	800/700/650
Compressor	Outdoor Compressor Model		RTM240D46UKT2	RTM310D43UMT	TWIN-ROTARY	ETPQ440D11UMUB	ETPQ440D11UMUB
	Outdoor Compressor Brand		GMCC	GMCC	GMCC	GMCC	GMCC
	Outdoor Compressor Capacity	W	4780/7600	10010	12000	12540	12540
	Outdoor Compressor Input Power	W	805/2045	2765	3265	3430	3430
	Outdoor Compressor Rated current	A	4.15/9.30	5.4	6.6	7.3	7.3
	Outdoor Refrigerant oil	ml	V674	V674	V675	V675	V675
	Outdoor Refrigerant oil charge	ml	620	1000	1460	1300	1300