

Type		Duct	Duct	Duct	Duct	Duct	Duct
model		ZIO-18D2HRA/DV(02)	ZIO-24D2HRA/DV(02)	ZIO-30D2HRA/DV(02)	ZIO-36D2HRA/DV(02)	ZIO-48D2HRA/DV7(02)	ZIO-60D2HRA/DV7(02)
Indoor unit		ZIO-18D2HRA/DVI(02)	ZIO-24D2HRA/DVI(02)	ZIO-30D2HRA/DVI(02)	ZIO-36D2HRA/DVI(02)	ZIO-48D2HRA/DVI(02)	ZIO-60D2HRA/DVI(02)
Outdoor unit		ZIO-18HA/DVO(02)	ZIO-24HA/DVO(02)	ZIO-30HA/DVO(02)	ZIO-36HA/DVO(02)	ZIO-48HA/DV7O(02)	ZIO-60HA/DV7O(02)
		780C(φ9.52x1)	780C(φ9.52x2)	845C(φ7x2)	845C(φ9.52x2)	5P(φ7x2)	5P(φ7x2)
Type		heating pump	heating pump	heating pump	heating pump	heating pump	heating pump
Control type		remote controller	remote controller	remote controller	remote controller	remote controller	remote controller
cooling capacity	btu/h	18000(6200~18600)	24000(8550~25400)	30000(10600~31400)	36000(12550~37500)	48000(16700~50150)	55000(19100~57300)
heating capacity	btu/h	19500(6800~20400)	26000(6800~27200)	32000(11450~34100)	39400(13800~41300)	52500(18400~54950)	58000(20300~60900)
cooling capacity	W	5270(1820~5460)	7030(2500~7450)	8800(3100~9200)	10550(3680~11000)	14060(4900~14700)	16120(5600~16800)
heating capacity	W	5700(2000~5980)	7600(2660~7980)	9370(3350~10000)	11550(4050~12100)	15400(5400~16100)	17000(5950~17850)
EER	W/W	2.90	2.98	3.12	3.14	2.94	2.95
COP	W/W	3.10	3.17	3.12	3.14	3.04	3.17
Moisture removal	Liters/h	1.20	2.00	2.60	3.40	4.80	5.50
Indoor sound power(H/M/L)	dB(A)	42/40/36	42/40/36	47/44/40	47/44/40	55/53/50	55/53/50
Outdoor sound pressure	dB(A)	53	58	60	61	62	62
Electrical Data							
.....		Indoor: 220-240V~/50Hz/1P	Indoor: 220-240V~/50Hz/1P	Indoor: 220-240V~/50Hz/1P	Indoor: 220-240V~/50Hz/1P	Indoor: 220-240V~/50Hz/1P	Indoor: 220-240V~/50Hz/1P
.....		Outdoor: 220-240V~/50Hz/1P	Outdoor: 220-240V~/50Hz/1P	Outdoor: 220-240V~/50Hz/1P	Outdoor: 220-240V~/50Hz/1P	Outdoor: 380-415V~/50Hz/3P	Outdoor: 380-415V~/50Hz/3P
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Voltage Range		V	198~264	198~264	198~264	198~264	342~456
Cooling Operating current	Indoor	A	0.9	0.9	1.2	1.2	1.4
	Outdoor	A	7.8(2.0~8.9)	10.2(4.5~12)	12.1(5.0~17.5)	14.6(5.5~18.0)	7.8(2.6~9.8)
Heating Operating current	Indoor	A	0.9	0.9	1.2	1.2	1.4
	Outdoor	A	7.9(2.0~9.0)	10.4(4.8~13)	12.3(5.0~18.5)	16.0(5.5~19.0)	8.3(2.8~10.0)
Cooling Power consumption	Indoor	W	110	110	160	160	200
	Outdoor	W	1710(440~1940)	2250(980~2620)	2660(1090~3820)	3200(1200~3930)	4580(1530~5770)
Heating Power consumption	Indoor	W	110	110	160	160	200
	Outdoor	W	1730(440~1970)	2285(1050~2840)	2840(1090~4040)	3520(1200~4150)	4860(1650~5890)
Max. powerconsump	W	2650	4100	4500	5000	6500	7100
Max.current	A	12	19	20	22	11	12
Refrigerating System							
Refrigerant type/Charge		R410A/1.24kg	R410A/1.7kg	R410A/2.4kg	R410A/2.5kg	R410A/3.8kg	R410A/4.0kg
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Model	KSN140D33UFZ3	KSN140D33UFZ3	GTD226UKPA8LT6C	GTD226UKPA8LT6C	GTH420SKPC8DQ	GTH420SKPC8DQ
	MFG	GMCC	GMCC	HIGHLY	HIGHLY	HIGHLY	HIGHLY
Indoor air circulation Cooling/heating		m ³ /h	850	1100	1500	1500	2000
Indoor fan type			centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan
Indoor fan speed H/M/L	Cooling	rpm	1020/750/640	1150/1020/750	1070/910/630	1070/910/630	1100/980/690
	Heating	rpm	1020/750/640	1150/1020/750	1070/910/630	1070/910/630	1100/980/690
	Dry	rpm	640	750	630	630	690
	Sleep	rpm	640	750	630	630	690
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan	Propeller fan	Propeller fan
Outdoor air circulation		m3/h	3000	3000	3600	3600	5000
Outdoor fan speed		rpm	880	880	910	910	800
External Static Pressure(Rated)		Pa	25	25	37	37	50
External Static Pressure(Range)		Pa	0~50	0~50	0~80	0~80	0~120
Connections			3x1.0mm ²	3x1.0mm ²	3x1.0mm ²	3x1.0mm ²	3x1.0mm ²
Connecting Wiring		Core x Size	3x2.5mm ²	3x2.5mm ²	3x2.5mm ²	3x2.5mm ²	5x1.0mm ²

Expansion device			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Connecting Pipe ϕ	Gas	Inches	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"
		mm	12.7	12.7	15.88	15.88	19.05	19.05
	Liquid	Inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
		mm	6.35	6.35	9.52	9.52	9.52	9.52
Others								
Application area		m ²	20~35	27~45	33~58	39~71	50~95	55~105
Max. refrigerant pipe length		m	30	30	30	30	50	50
Max. difference in level		m	15	15	15	15	30	30
Operation temperature range		°C	16-31	16-31	16-31	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:18-48/Heating:-7-24	Cooling:18-48/Heating:-7-24	Cooling:18-48/Heating:-7-24	Cooling:18-48/Heating:-7-24	Cooling:18-48/Heating:-7-24	Cooling:18-48/Heating:-7-24
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions (W x H x D)	Indoor	mm	920x210x570	920x210x570	920x270x570	920x270x570	1200x800x300	1200x800x300
	Outdoor	mm	780x288x590	780x288x590	845x330x699	845x330x699	940x340x1250	940x340x1250
	Panel	mm	/	/	/	/	/	/
Net weight	Indoor	kg	23	24	27	27	44	44
	Outdoor	kg	34	36	47	47	92.5	92.5
	Panel	kg	/	/	/	/	/	/
Packing dimensions (W x H x D)	Indoor	mm	1115x280x690	1115x280x690	1120x341x690	1120x341x690	1400x920x371	1400x920x371
	Outdoor	mm	890x385x628	890x385x628	1035x1035x80	1035x1035x80	1030x430x1365	1030x430x1365
	Panel	mm	/	/	/	/	/	/
w/i pipe	Outdoor	mm	/	/	/	/	/	/
Gross weight	Indoor	kg	28	29	31	31	49	49
	Outdoor	kg	36	38	52	52	99	99
	Panel	kg	/	/	/	/	/	/
Loading Capacity w/o pipe	20'/40'GQ/40'HQ		/	/	/	/	/	/
Loading Capacity w/i pipe	20'/40'GQ/40'HQ		/	/	/	/	/	/