

Up to
17
SEER2

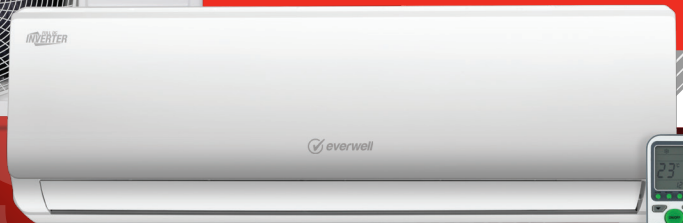
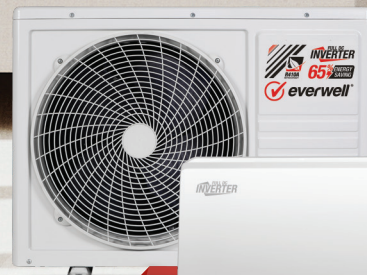
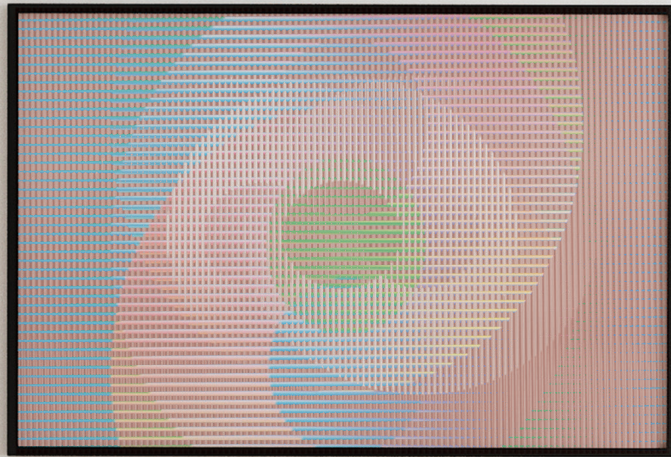


GOLDFIN
TECHNOLOGY

INVERTER



Intertek
3119233



MKTH-16 SERIES
MINI SPLIT SYSTEM
INVERTER



MKTH-16 Series Technical Specifications

Model No.			MKTH1213X-16	MKTH1223X-16	MKTH1823X-16	MKTH2423X-16
Indoor Model			MKTH1213E-16	MKTH1223E-16	MKTH1823E-16	MKTH2423E-16
Outdoor Model			MKTH1213C-16	MKTH1223C-16	MKTH1823C-16	MKTH2423C-16
Type			Heat Pump	Heat Pump	Heat Pump	Heat Pump
Control Type			Remote	Remote	Remote	Remote
Rated Cooling Capacity	Btu/h		11000(2050~12625)	11000(2730~12965)	16500(4095~19500)	22000(5120~24900)
Rated Heating Capacity	Btu/h		11500(2050~12625)	11500(2730~12965)	17000(4095~19500)	22000(5120~24900)
Power Supply	V/Ph/Hz		115/1/60	208~230/1/60	208~230/1/60	208~230/1/60
Voltage Range	V		105~125	165~265	165~265	165~265
EER	Btu/W		8.50	8.50	8.50	8.85
SEER	Btu/W.h		16.00	16.00	16.00	16.00
EER2 (95°F/35°C)	Btu/W.h		8.40	8.50	8.50	8.70
SEER2	Btu/W.h		17.00	17.00	17.00	17.00
COP	W/W		3.00	3.00	3.20	3.20
HSPF Rating (Region IV)	Btu/W.h		9.70	10.20	10.20	10.20
COP2 (47°F/8.3°C)	W/W		3.00	3.00	3.00	3.00
HSPF2 Rating (Region IV)-Certificate	Btu/W.h		8.00	8.00	8.50	8.00
Rated Current	Cooling	A	11.8(2.0~13.0)	6.1(1.2~7.3)	9.2(1.4~12.0)	12.0(1.5~13.5)
	Heating	A	10.2(2.0~14.0)	5.3(1.2~7.3)	7.9(1.4~12.0)	10.2(1.5~13.0)
Rated Input	Cooling	W	1310(200~1500)	1294(250~1600)	1941(300~2500)	2530(350~2800)
	Heating	W	1123(200~1600)	1123(250~1600)	1660(300~2500)	2150(350~2700)
Max Current	Cooling	A	13.0	7.3	12.0	13.5
	Heating	A	14.0	7.3	12.0	13.0
Max Power Input	Cooling	W	1500	1600	2500	2800
	Heating	W	1600	1600	2500	2700
Moisture Removal		oz/h / Lt/h	43.96 / 1.3	43.96 / 1.3	60.87 / 1.8	84.54 / 2.5
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9
Indoor Noise Level At Cooling	Low-High	dB(A)	30-38	30-38	33-43	41-49
Outdoor Noise Level		dB(A)	52	52	52	55
Refrigerant	Type/Weight	oz/gr	R410A/22.58/640	R410A/22.58/640	R410A/37.39/1060	R410A/48.33/1370
	Factory Charged	oz/gr	22.58/640	22.58/640	37.39/1060	48.33/1370
	Adjustment Charge	oz/gr	27.86/789.8	27.86/789.8	55.9/1584.7	66.84/1894.9
Refrigerant Piping	Max. Refrigerant Pipe Length	ft/m	49.21/15	49.21/15	82.02/25	82.02/25
	Max. Height Difference	ft/m	32.81/10	32.81/10	32.81/10	32.81/10
Temperature	Temperature Ranges	°F/°C	64~109 / 18~43	64~109 / 18~43	64~109 / 18~43	64~109 / 18~43
	Indoor Temperature Range	°F/°C	61~88 / 16~31	61~88 / 16~31	61~88 / 16~31	61~88 / 16~31
	Outdoor Ambient Range (Cooling / Heating)	°F/°C	59~122 / 15~50 5~75/ -15~24	59~122 / 15~50 5~75/ -15~24	59~122 / 15~50 5~75/ -15~24	59~122 / 15~50 5~75/ -15~24
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		KSK103D33UEZC3	KSK103D33UEZC3	KSN140D33UFZ3	C-6RZ146H3DBF
	MFG		GMCC	GMCC	GMCC	SANYO
Indoor Air Circulation		CFM / m3/h	294.28 / 500	294.28 / 500	559.15 / 950	765.15 / 1300
Indoor Fan Type			Cross flow	Cross flow	Cross flow	Cross flow
Indoor Fan Speed H/M/L	Cooling	rpm	1250/1150/950/750/600	1250/1150/950/750/600	1350/1250/1050/850/750	1270/1200/1000/850/700
	Heating	rpm	1250/1150/950/850/800	1250/1150/950/850/800	1350/1250/1050/850/750	1270/1200/1000/850/750
	Dry	rpm	1250	1250	1350	1270
	Sleep	rpm	750	750	850	850
Indoor Fan Motor Output		W	20	14	25	45
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Speed	rpm	1000	1000	1000	1000
	Motor Output	W	33	33	33	33
Connecting Pipe	Gas	in	3/8"	3/8"	3/8"	1/2"
	Liquid	in	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core Number		4x16AWG	4x17AWG	4x18AWG	4x18AWG
Drainage Pipe Suitable Area		in/mm	5/8" / O.D 16mm	5/8" / O.D 16mm	5/8" / O.D 16mm	5/8" / O.D 16mm
Net Dimensions (W x D x H)	Indoor	in/mm	161.5~247.6 / 15~23 30.59"x9.84"x7.91" / 777x250x201	161.5~247.6 / 15~23 30.59"x9.84"x7.91" / 777x250x201	215.3~376.8 / 20~35 35.82"x11.64"x8.11" / 910x294x206	322.9~538.2 / 30~50 39.76"x12.40"x8.66" / 1010x315x220
	Outdoor	in/mm	30.59"x11.41"x19.60" / 777x290x498	30.59"x11.41"x19.60" / 777x290x498	33.58"x13.74"x23.70" / 853x349x602	33.58"x13.74"x23.70" / 853x349x602
Packing Dimensions (W x D x H)	Indoor	in/mm	33.07"x12.40"x10.23" / 840x315x260	33.07"x12.40"x10.23" / 840x315x260	38.54"x14.64"x10.90" / 979x372x277	43.14"x15.35"x11.69" / 1096x390x297
	Outdoor	in/mm	32.20"x12.79"x20.47" / 818x325x520	32.20"x12.79"x20.47" / 818x325x520	35.03"x15.15"x24.72" / 890x385x628	35.03"x15.15"x24.72" / 890x385x628
Net Weight	Indoor	lb/kg	16.53 / 7.5	16.53 / 7.5	22.04 / 10	28.66 / 13
	Outdoor	lb/kg	48.50 / 22	48.50 / 22	61.72 / 28	70.54 / 32