

Up to  
**17**  
SEER2

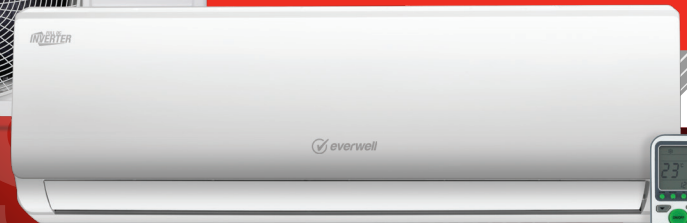


**GOLDFIN™**  
TECHNOLOGY

**INVERTER**



Intertek  
3119233



**MKTC-16 SERIES**  
MINI SPLIT SYSTEM  
INVERTER

## MKTC-16 Series Technical Specifications

Model No.			MKTC1213X-16	MKTC1223X-16	MKTC1823X-16	MKTC2423X-16
Indoor Model			MKTC1213E-16	MKTC1323E-16	MKTC1823E-16	MKTC2423E-16
Outdoor Model			MKTC1213C-16	MKTC1223C-16	MKTC1823C-16	MKTC2423C-16
Type			Cooling only	Cooling only	Cooling only	Cooling only
Control Type			Remote	Remote	Remote	Remote
Rated Cooling Capacity		Btu/h	11500(2050~12625)	11500(2730~12965)	17000(4095~19500)	23000(4090~24900)
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
EER2 (95°F/35°C)		Btu/W.h	9.00	9.45	8.50	9.50
SEER2		Btu/W.h	16.00	16.00	17.00	18.00
Rated Current	Cooling	A	11.6(2.0~13.0)	5.5(1.2~7.3)	9.4(1.3~12.0)	11.1(2.5~13.5)
Rated Input	Cooling	W	1278(200~1450)	1217(250~1600)	2000(300~2100)	2420(300~2800)
Max Current	Cooling	A	13.0	7.3	12.0	13.5
Max Power Input	Cooling	W	1450	1600	2100	2800
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	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/18.7/530	R410A/18.7/530	R410A/24/680	R410A/34.9/990
	Factory Charged	oz/gr	18.7/530	18.7/530	24/680	34.9/990
	Adjustment Charge	oz/gr	24/680	24/680	42.5/1204.8	53.43/1514.7
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	°F/°C	59~122 / 15~50	59~122 / 15~50	59~122 / 15~50	59~122 / 15~50
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 Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Indoor Fan Speed H/M/L	Cooling	rpm	1250/1150/950/750/600	1250/1150/950/750/600	1350/1250/1050/850/750	1270/1200/1100/920/850
	Dry	rpm	1250	1250	1350	1270
	Sleep	rpm	750	750	850	920
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		in/mm	5/8" / O.D 16mm	5/8" / O.D 16mm	5/8" / O.D 16mm	5/8" / O.D 16mm
Suitable Area		ft2/m2	161.5~247.6 / 15~23	161.5~247.6 / 15~23	215.3~376.8 / 20~35	322.9~538.2 / 30~50
Net Dimensions (W x D x H)	Indoor	in/mm	30.59"x9.84"x7.91" / 777x250x201	30.59"x9.84"x7.91" / 777x250x201	35.82"x11.54"x8.11" / 910x294x206	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	17.63 / 8	17.63 / 8	22.04 / 10	28.66 / 13
	Outdoor	lb/kg	46.29 / 21	46.29 / 21	57.32 / 26	66.13 / 30

### Features:

#### FULL INSTALLATION KIT & PRE-CHARGED WITH R410A

To facilitate basic installation, we sell a kit consisting of matching condenser and evaporator units, a control remote, interconnection cables, and 9.8' (3m) of copper connecting pipes.

#### GOLDFIN TECHNOLOGY

This convenient technology will allow your equipment to have a longer functional life where traditional coil coatings fail; especially in high humidity and salinity environments that promote corrosion.

#### SPECIAL FUNCTIONS INCLUDE

SLEEP and TIMER Operations, SUPER Operation, ECO operation, and much more.

#### NOISELESS TECHNOLOGY

For optimally silent operation.

