

16
SEER



NOISELESS



GOLDFIN
TECHNOLOGY

FULL DC
INVERTER



METH-16 SERIES

MINI SPLIT SYSTEM

HEAT PUMP

INVERTER



METH-16 Series Technical Specifications

Model			METH1213X-16	METH1223X-16	METH1823X-16	METH2423X-16
Indoor Model	-	-	METH1213E-16	METH1223E-16	METH1823E-16	METH2423E-16
Outdoor Model	-	-	METH1213C-16	METH1223C-16	METH1823C-16	METH2423C-16
Type	-	-	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Control Type	-	-	Remote	Remote	Remote	Remote
Power Supply	-	V/Ph/Hz	~115 / 1 / 60	~230 / 1 / 60	~230 / 1 / 60	~230 / 1 / 60
Rated Cooling Capacity	-	Btu/h	12000(2047~12625)	12000(2047~12625)	18000(5100~19500)	24000(5100~24600)
Rated Heating capacity	-	Btu/h	12000(2389~12625)	12000(2389~12625)	18000(5100~19800)	24000(5100~25600)
SEER	-	-	16.0	16.0	16.5	16.5
Rated Current	Cooling	A	11.4(2.0~14.5)	5.8(1.0~7.0)	8.7(1.2~9.6)	11.6(1.4~13.0)
	Heating	A	10.6(2.0~14.5)	5.6(1.0~7.5)	8.0(1.4~10.8)	11.6(1.4~13.0)
Rated Input	Cooling	W	1250(200~1540)	1210(280~1350)	1870(250~2100)	2500(300~2700)
	Heating	W	1170(200~1540)	1170(260~1350)	1720(280~2350)	2500(300~2700)
Max Current	Cooling	A	14.5	7	9.6	13.0
	Heating	A	14.5	7.5	10.8	13.0
Max Input	Cooling	W	1540	1350	2100	2700
	Heating	W	1540	1350	2350	2700
Moisture Removal	Liters/h - Gallons/h		1.3 - 0.34	1.3 - 0.34	2.4 - 0.63	2.6 - 0.68
Indoor Noise Level at Cooling	High	dB(A)	38	38	43	49
	Med.	dB(A)	33	34	38	44
	Low	dB(A)	28	30	34	39
Outdoor Noise Level	-	dB(A)	50	53	54	58
Connecting Pipe	Gas	in/mm	3/8 / 9.52	3/8 / 9.52	1/2 / 12.7	1/2 / 12.7
	Liquid	in/mm	1/4 / 6.35	1/4 / 6.35	1/4 / 6.35	1/4 / 6.35
	Max. Height	ft/m	16.40 / 5	16.40 / 5	16.40 / 5	16.40 / 5
	Max. Length	ft/m	49.21 / 15	49.21 / 15	49.21 / 15	49.21 / 15
Connecting Wiring	Size x Core Number		4x1.5mm ²	4x1.5mm ²	4x0.75mm ²	4x0.75mm ²
Suitable Area	m ² /ft ²		15~23 / 49.21~75.45	15~23 / 49.21~75.45	20~35 / 65.61~114.82	30~50 / 98.42~164.04
Net Dimensions (W x H x D)	Indoor	mm/in	777x250x201 / 30.59x9.84x7.91	777x250x201 / 30.59x9.84x7.91	910x294x206 / 35.82x11.57x8.11	1010x315x220 / 39.76x12.40x8.66
	Outdoor	mm/in	795x305x549 / 31.29x12.00x21.61	777x290x498 / 30.59x11.41x19.60	817x328x553 / 32.16x12.91x21.77	835x360x605 / 32.87x14.17x23.81
Net Weight	Indoor	kg/lb	8 / 17.63	8 / 17.63	10 / 22.04	13 / 28.66
	Outdoor	kg/lb	27 / 59.52	25 / 55.11	31 / 68.34	35 / 77.16
Packing Dimensions (W x H x D)	Indoor	mm/in	840x315x260 / 33.07x12.40x10.23	840x315x260 / 33.07x12.40x10.23	979x372x277 / 38.54x14.64x10.90	1096x390x297 / 43.14x15.35x11.69
	Outdoor	mm/in	835x340x585 / 32.87x13.38x23.03	818x325x520 / 32.20x12.79x20.47	858x356x585 / 33.77x14.01x23.03	883x394x645 / 34.76x15.51x25.39
Gross Weight	Indoor	kg/lb	10 / 22.04	10 / 22.04	13 / 28.66	16 / 35.27
	Outdoor	kg/lb	31 / 68.34	28 / 61.72	35 / 77.16	40 / 88.18
Motor Rotating Speed RPM	Cooling	RPM	1250/1150/1050/950/850/750/600	1250/1150/1000/900/800	1300/1250/1000/900/750	1300/1200/1100/900/750
	Heating	RPM	1250/1150/1050/950/900/850/800	1250/1150/950/850/700	1300/1250/1000/900/750	1300/1200/1100/900/750
	Dry	RPM	750	900	900	900
	Sleep	RPM	850	900	900	900
	Indoor Air Circulation/Hi	-	m ³ /h	550	500	800
Tube Type	-	-	Triangular inner groove	Triangular inner groove	Triangular inner groove	Triangular inner groove
Fin Type	-	-	Slit Fin	Slit Fin	Slit Fin	Slit Fin
Compressor Brand	-	-	GMCC	RECHI	Sanyo	GMCC
Compressor Model	-	-	ASN98D32UEZ	39A23MYJ&FJKD	C-6RZ146H1DJ	ATN150D42UFZ
Tube Type	-	-	Triangular Inner Groove	Triangular Inner Groove	Triangular Inner Groove	Triangular Inner Groove
Refrigerant	R410A	g/lb	710 / 1.56	670 / 1.47	1100 / 2.42	1250 / 2.75
Loading Capacity 40HQ	-	pcs	310	310	230	180