

**20  
SEER**



**FULL DC  
INVERTER**

**GOLDFIN  
TECHNOLOGY**

**AHRU CERTIFIED®**  
AHRI Standard 210/240  
Certification applies only when the complete system  
is listed with AHRI.



**NOISELESS**



**MGTC SERIES**  
**MINI SPLIT SYSTEM**  
**INVERTER**

**MGTC Series Technical Specifications**

Model		MGTC0913X-20	MGTC0923X-20	MGTC1213X-20	MGTC1223X-20	MGTC1823X-20	MGTC2423X-20	MGTC3623X-17	
Indoor Model		MGTC0913E-20	MGTC0923E-20	MGTC1213E-20	MGTC1223E-20	MGTC1823E-20	MGTC2423E-20	MGTC3623E-17	
Outdoor Model		MGTC0913C-20	MGTC0923C-20	MGTC1213C-20	MGTC1223C-20	MGTC1823C-20	MGTC2423C-20	MGTC3623C-17	
Type		Cooling only	Cooling only	Cooling only	Cooling only	Cooling only	Cooling only	Cooling only	
Control Type		Remote	Remote	Remote	Remote	Remote	Remote	Remote	
Rated Cooling Capacity		Btu/h	9000(3412~11600)	9000(3412~11430)	12000(2047~12625)	12000(2047~12625)	18000(4095~21155)	24000(4606~24900)	36000(8870~38155)
		W	2640(1000~3400)	2640(1000~3350)	3517(600~3700)	3517(600~3700)	5275(1200~6200)	7030(1350~7300)	10550(2600~11180)
EER for Cooling		W/W	3.52	3.22	3.35	3.45	3.35	3.35	2.64
SEER		-	20	19	20	20	20	20	17
Moisture Removal		Liters/h	1.1	1.1	1.3	1.3	1.8	2.2	2.6
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Indoor Noise Level at Cooling	High	dB(A)	38	38	38	39	48	49	50
	Med	dB(A)	35	35	33	35	42	44	46
	Low	dB(A)	32	32	29	30	37	39	42
Outdoor Noise Level		dB(A)	50	50	52	52	53	54	58
Power Supply		V/Hz	115V~/60Hz	208-230V~/60Hz	115V~/60Hz	208-230V~/60Hz	208-230V~/60Hz	208-230V/60Hz	208-230V/60Hz
Voltage Range		V	97~138	165~265	97~138	165~265	165~265	165~265	165~265
Rated Current	Cooling	A	6.8(1.2~14.0)	3.6(1.8~6.9)	10.3(1.9~14.0)	4.8(1.0~7.0)	7.5(1.6~11)	10.0(1.7~14)	18.1(1.9~19.0)
	Cooling	W	750(120~1500)	810(320~1570)	1050(200~1450)	1020(220~1500)	1575(200~2500)	2100(230~2700)	4000(400~4400)
Max Current	Cooling	A	14.0	6.9	14.5	7.0	11.0	14.0	19.0
Max Power Input	Cooling	W	1500	1570	1450	1540	2500	2700	4400
Refrigerant/Charge		g/oz	R410A/810g/28.57oz	R410A/800g/28.22oz	R410A/800g/28.22oz	R410A/720g/25.40oz	R410A/950g/33.51oz	R410A/1050g/37.04oz	R410A/2450g/86.42oz
Compressor	MFG	-	GMCC	GMCC	GMCC	GMCC	SANYO	SANYO	GMCC
	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Indoor Air Circulation (Cooling/Heating)		m3/h	600	600	600	600	1000	1450	1440
Indoor Fan Type		-	Cross flow	Cross flow	Cross flow	Cross flow	Cross flow	Cross flow	Cross flow
Indoor Fan Speed H/M/L	Cooling	rpm	1320/1200/900/700/600	1300/1200/900/700/600	1320/1200/1000/800/700	1320/1200/1000/800/700	1270/1200/1000/850/700	1250/1050/950/800/700	1250/1150/950/800/750
	Dry	rpm	1320	1300	1320	1320	1270	1250	800
	Sleep	rpm	700	700	800	800	850	800	800
Indoor Fan Motor Output		W	20	23	20	23	45	45	45
Outdoor Fan Type		-	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
Outdoor Fan Speed		rpm	1000	1000	900	900	1000	850	850
Outdoor Fan Motor Output		W	33	33	33	33	52	85	85
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Connecting Wiring		Size x Core number	-	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG	4x16AWG
Drainage Pipe		-	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Suitable Area		m2	9~16	9~16	15~23	15~23	20~35	30~50	40~60
Net Dimensions (WxDxH)	Indoor	mm	811x292x203	811x292x203	811x292x203	811x292x203	1010x315x220	1186x340x258	1186x340x258
	Indoor	Inches	31.9x11.5x8	31.9x11.5x8	31.9x11.5x8	31.9x11.5x8	39.7x12.4x8.6	46.7x13.3x10.1	46.7x13.3x10.1
	Outdoor	mm	795x305x549	777x290x498	795x305x549	777x290x498	853x349x602	920x380x699	953x433x808
	Outdoor	Inches	31.2x12.0x21.6	30.6x11.4x19.6	31.2x12.0x21.6	30.6x11.4x19.6	33.1x13.7x23.7	36.2x14.9x27.5	37.5x17.0x31.8
Net weight	Indoor	kg/lb	9/19.84	9/19.84	8.5/18.73	8.5/18.73	13/28.66	17/37.47	17.5/38.58
	Outdoor	kg/lb	27.8/27.8	24.5/54.01	28/61.72	24/52.91	31/68.34	38/83.77	62/136.68
Packing Dimensions (WxDxH)	Indoor	mm	885x366x275	885x366x275	885x366x275	885x366x275	1096x390x297	1262x420x337	1262x420x337
	Indoor	Inches	34.8x14.4x10.8	34.8x14.4x10.8	34.8x14.4x10.8	34.8x14.4x10.8	43.1x15.3x11.7	49.6x16.5x13.2	49.6x16.5x13.2
	Outdoor	mm	852x358x600	838x338x540	852x358x600	838x338x540	900x405x645	960x430x732	1020x475x845
	Outdoor	Inches	33.5x14.0x23.6	32.99x13.3x21.2	33.5x14.0x23.6	32.99x13.3x21.2	35.4x15.9x25.3	37.7x16.9x28.8	40.1x18.7x33.2
Gross Weight	Indoor	Kg/lb	11/24.2	11/24.2	11/24.2	11/24.2	16/35.2	21/46.2	21.5/47.39
	Outdoor	Kg/lb	30.6/67.4	27/59.5	32/70.5	28/61.7	36/79.3	44/97	67/147.7