



MULTIZONE

BLU ECO SERIES INVERTER **SEER²**



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CONNECTIVITY AUTO-RESTART TURBO MODE SLEEP MODE LCD DISPLAY

MULTIZONE BLU ECO SERIES OUTDOOR			MOBMH180C	MOBMH270C	MOBMH360C
NUMBER OF ZONES			UP TO 2	UP TO 3	UP TO 4
POWER SUPPLY			V,PH,HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ
POWER SUPPLY			V	187-253	187-253
COOLING	VOLTAGE RANGE			187-253	187-253
	CAPACITY (RANGE)	BTU/H	18000(4950~23000)	27000(8500~32000)	36000(9200~40160)
	INPUT	W	1440(217~2026)	2250(310~3200)	3396(340~4180)
	CURRENT	A	6.4(1.76~8.91)	11(3.3~15.0)	15.4(2.9~18.3)
	EER	BTU/W	12.5	12.2	10.6
HEATING	SEER 2	BTU/W	21	23.5	23.1
	CAPACITY (RANGE)	BTU/H	19000(4900~23000)	28000(8200~35000)	37000(8500~46600)
	INPUT	W	1550(317~1959)	2250(480~3170)	37000(8500~46600)
	CURRENT	A	6.7(2.41~8.61)	11(4.1~14.6)	37000(8500~46600)
	COP	W/W	3.59	3.65	37000(8500~46600)
HSPF4	HSPF4	BTU/W	10.2	9.2	37000(8500~46600)
	HSPF5	BTU/W	7.7	7.1	37000(8500~46600)
	HSPF5	BTU/W	7.7	7.1	37000(8500~46600)
MINIMUM CIRCUIT AMPACITY			A	18	24.5
MAX.FUSE			A	25	30
COMPRESSOR	TYPE		TWIN-ROTARY	TWIN-ROTARY	ROTARY
	BRAND		GMCC	GMCC	GMCC
	CAPACITY	W	4730	7600	10010
	INPUT	W	1250	2045	2765
	RATED CURRENT (RLA)	A	/	14	18
OUTDOOR FAN MOTOR	INPUT	W	/	150	150
	OUTPUT	W	80.0	120	120
	RLA	A	/	1.7	1
	SPEED	R/MIN	750/600/500	1050/900/850	1000/900/750
	OUTDOOR AIR FLOW	M3/H	3000	3620	3650
OUTDOOR AIR FLOW			CFM	1764.71	2129.41
OUTDOOR NOISE LEVEL			DB(A)	59.5	60
	DIMENSION(W*D*H)	INCH	35.04X13.46X26.50	60	37.24X16.14X31.89
	PACKING (W*D*H)	INCH	40.55X17.24X29.53	42.91X19.69X34.84	42.91X19.69X34.84
	NET/GROSS WEIGHT	LB	100.31/108.69	139.77/150.57	169.09/181.44
REFRIGERANT TYPE			R410A	R410A	R410A
REFRIGERANT PRECHARGE (TOTAL PIPE LENGHT)			OZ	65.26	91.7
ADDITIONAL CHARGE FOR EACH FT	6.35 (1/4") LIQUID PIPE	OZ	0.161	0.161	0.161
	9.52 (3/8") LIQUID PIPE	OZ	0.322	0.322	0.322
DESIGN PRESSURE			PSIG	550/340	550/340
	LIQUID SIDE	INCH	2X1/4"	3X1/4"	3X3/8"+1X1/2"
	GAS SIDE	INCH	2X3/8"	3X3/8"	262.46
	MAX. LENGTH FOR ALL ROOMS	FT	131.23	196.85	114.83
	MAX. LENGTH FOR ONE INDOOR UNIT	FT	82.02	98.42	550/340
	MAX. HEIGHT DIFFERENCE BETWEEN INDOOR AND OUTDOOR UNIT	FT	49.21	49.21	49.21
	MAX. HEIGHT DIFFERENCE BETWEEN INDOOR UNITS	FT	33	33	33
CONNECTION WIRING			14AWG*4 STRANDED, UNSHIELDED	14AWG*4 STRANDED, UNSHIELDED	14AWG*4 STRANDED, UNSHIELDED
	INDOOR (COOLING)	°F	60~90	14AWG*4 STRANDED, UNSHIELDED	60~90
	INDOOR (HEATING)	°F	32~86	14AWG*4 STRANDED, UNSHIELDED	32~86
	OUTDOOR (COOLING)	°F	5~122	14AWG*4 STRANDED, UNSHIELDED	5~122
	OUTDOOR (HEATING)	°F	-13~75	14AWG*4 STRANDED, UNSHIELDED	-13~75

MULTIZONE BLU ECO SERIES INDOOR WALL MOUNT			MIBMHW90C	MIBMHW12C	MIBMHW18C
POWER SUPPLY		V-PH-HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ
POWER SUPPLY		V	187-253	187-253	187-253
COOLING (STANDARD CONDITIONS)	VOLTAGE RANGE	V	187-253	187-253	187-253
	CAPACITY (RANGE)	BTU/HR	9000(2500~11900)	12000(3600~13300)	18000(7320~19500)
	INPUT	W	612(155~985)	930(198~1200)	1333(560~1748)
	CURRENT	A	2.66(0.67~4.28)	4.05(0.86~5.21)	5.94(2.4~8)
	EER	BTU/HR/W	14.7	13	13.5
HEATING (STANDARD CONDITIONS)	SEER 2	BTU/HR/W	24	23.1	24
	CAPACITY (RANGE)	BTU/HR	10000(3400~13000)	12000(4500~13500)	18000(6620~21200)
	INPUT	W	800(198~1500)	1035(278~1400)	1410(460~1964)
	CURRENT	A	3.48(1.64~5.25)	4.5(1.2~6.08)	6.31(2.5~9)
	HSPF4	BTU/HR/W	11.6	10.8	10.5
MINIMUM CIRCUIT CAPACITY (INDOOR)		BTU/HR/W	8.8	8	7.9
MAX.FUSE (INDOOR)		A	3	3	3
INDOOR FAN MOTOR	QTY	A	15	15	15
	INPUT	W	1	1	1
	OUTPUT	W	/	/	58
	RLA	A	13	13	58
	SPEED (HI/MI/LO)	A	0.15	0.38	0.25
INDOOR AIR FLOW (TURBO/HI/MI/LO)	R/MIN	R/MIN	1150/990/750	1250/950/750	1120/950/700
	M3/H	M3/H	580/495/330/260	580/495/330/260	1293/902/780/650
	CFM	CFM	341.18/291.18/194.12/152.94	341.18/291.18/194.12/152.94	760.59/530.59/458.82/382.35
INDOOR NOISE LEVEL		DB(A)	40/34/23.5	42/36/25	45.5/41/24.5
INDOOR UNIT	DIMENSION(W*D*H)	INCH	31.57X787X11.61	31.57X787X11.61	42.60X9.21X13.27
	PACKING (W*D*H)	INCH	34.45X11.22X14.96	34.45X11.22X14.96	45.47X16.34X12.40
	NET/GROSS WEIGHT	LB	18.96/24.25	18.74/24.25	29.54/37.48
REFRIGERANT CHARGE		OZ	38.10	38.10	56.44
REFRIGERANT CHARGE FOR EACH FT		OZ/FT	0.16	0.16	0.16
DESIGN PRESSURE	LIQUID SIDE / GAS SIDE	PSIG	82.02	82.02	98.42
	MAX. REFRIGERANT PIPE LENGTH	INCH	32.81	32.81	65.62
	MAX. DIFFERENCE IN LEVEL	FT	14AWG*4	14AWG*4	14AWG*4
CONNECTION WIRING		FT	REMOTE CONTROL	REMOTE CONTROL	REMOTE CONTROL
THERMOSTAT TYPE					
ROOM TEMPERATURE	INDOOR (COOLING)	°F	60~90	60~90	60~90
	INDOOR (HEATING)	°F	32~86	32~86	32~86
	OUTDOOR (COOLING)	°F	-13~122	-13~122	-13~122
	OUTDOOR (HEATING)	°F	-13~75	-13~75	-13~75
REFRIGERANT PRECHARGE		FT	25	25	25

MULTIZONE BLU ECO SERIES INDOOR CASSETTE			MIBMHC90C	MIBMHC12C	MIBMHC18C
POWER SUPPLY (INDOOR)		V- PH-HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ
POWER SUPPLY (OUTDOOR)		V- PH-HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ
POWER SUPPLY		V	187-253	187-253	187-253
COOLING (STANDARD CONDITIONS)	VOLTAGE RANGE	V	187-253	187-253	187-253
	CAPACITY (RANGE)	BTU/HR	9000(2970~10500)	12000(2800~14100)	16000(5600~16000)
	INPUT	W	692(182~968)	857(174~1250)	1340(230~1340)
	CURRENT	A	3.17(1.59~4.31)	3.92(1.51~5.72)	6.01(1.90~6.01)
	EER	BTU/HR/W	13	14	12.5
HEATING (STANDARD CONDITIONS)	SEER 2	BTU/HR/W	20	22.7	20.5
	CAPACITY (RANGE)	BTU/HR	10000(2230~11650)	12000(2000~14600)	19000(7700~19000)
	INPUT	W	952(154~1134)	1045(156~1200)	1950(470~1950)
	CURRENT	A	4.16(1.36~5.03)	4.78(1.38~5.49)	8.21(3.23~8.21)
	COP	W/W	3.08	3.37	2.78
INDOOR UNIT	HSPF4	BTU/HR/W	10	10	10.5
	HSPF5	BTU/HR/W	8.2	7.8	8
MINIMUM CIRCUIT CAPACITY (INDOOR)		A	1.2	1.3	1.9
MAX.FUSE (INDOOR)		A	15	15	15
INDOOR FAN MOTOR	QTY	A	1	1	1
	INPUT	W	45	45	45
	OUTPUT	W	46	46	46
	RLA	A	0	0	15
	SPEED (HI/MI/LO)	R/MIN	600/520/460	/	730/630/570
INDOOR AIR FLOW (TURBO/HI/MI/LO)	M3/H	M3/H	0/600/520/460	0/570/480/410	0/956/825/746
	CFM	CFM	352.94/305.88/270.59	335.29/282.35/241.18	562.35/485.29/438.82
INDOOR NOISE LEVEL (HI/MI/LO)		DB(A)	37.5/34.5/31.5	40/36/32.5	46/41.5/39.5
INDOOR UNIT	DIMENSION(W*D*H) (BODY)	INCH	22.44X22.44X10.24	22.44X22.44X10.24	22.44X22.44X10.24
	PACKING (W*D*H) (BODY)	INCH	26.06X26.06X12.48	26.06X26.06X12.48	26.06X26.06X12.48
	NET/GROSS WEIGHT (BODY)	LB	31.97/38.14	35.27/41.01	35.71/46.96
REFRIGERANT CHARGE		OZ	38.1	38.1	56.4
REFRIGERANT CHARGE FOR EACH FT		OZ/FT	0.16	0.16	0.16
REFRIGERANT PIPING	LIQUID SIDE / GAS SIDE	INCH	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"
	MAX. REFRIGERANT PIPE LENGTH	FT	82.02	82.02	98.42
	MAX. DIFFERENCE IN LEVEL	FT	32.81	32.81	65.62
THERMOSTAT TYPE			REMOTE CONTROL	REMOTE CONTROL	REMOTE CONTROL
ROOM TEMPERATURE	INDOOR (COOLING)	°F	60~90	60~90	
	INDOOR (HEATING)	°F	32~86	32~86	
	OUTDOOR (COOLING)	°F	-13~122	-13~122	
	OUTDOOR (HEATING)	°F	-13~75	-13~75	
CONNECTION WIRING					
REFRIGERANT PRECHARGE		FT		25	

