NG TRADE

MULTIZONE

BLU ECO SERIES INVERTER SEER 2









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MULTIZONE BLU ECO SERIES OUTDOOR			MOBMH180C	MOBMH270C	MOBMH360C	MOBMH480C
NUMBER OF ZONES			UP TO 2	UP TO 3	UP TO 4	UP TO 5
POWER SUPPLY		V,PH,HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ	208/230V,1PH, 60HZ
POWER SUPPLY	VOLTAGE RANGE	V	187-253	187-253	187-253	187-253
COOLING	CAPACITY (RANGE)	BTU/H	18000(4950~23000)	27000(8500~32000)	36000(9200~40160)	48000(19400~51000)
	INPUT	W	1440(217~2026)	2250(310~3200)	3396(340~4180)	4440(600~5550)
	CURRENT	A	6.4(1.76~8.91)	11(3.3~15.0)	15.4(2.9~18.3)	21.5(3.7~26.0)
	EER	BTU/W	12.5	12.2	10.6	10.8
	SEER 2	BTU/W	21	23.5	23.1	20.5
HEATING	CAPACITY (RANGE)	BTU/H	19000(4900~23000)	28000(8200~35000)	37000(8500~46600)	50000(15500~56000)
	INPUT	W	1550(317~1959)	2250(480~3170)	3098(480~4460)	3930(940~5550)
	CURRENT	A	6.7(2.41~8.61)	11(4.1~14.6)	15.4(3.4~19.5)	18.2 (4.9-26.0)
	COP	W/W	3.59	3.65	3.5	3.73
	HSPF4	BTU/W	10.2	9.2	9.6	9.7
	HSPF5	BTU/W	7.7	7.1	7.2	7.2
MINIMUM CIRCUIT AMPACITY		A	18	24.5	25	40
MAX.FUSE		A	25	30	40	60
COMPRESSOR	TYPE		TWIN-ROTARY	TWIN-ROTARY	ROTARY	ROTARY
	BRAND		GMCC	GMCC	GMCC	GMCC
	CAPACITY	W	4730	7600	10010	11200
	INPUT	W	1250	2045	2765	3040
	RATED CURRENT (RLA)	A	/	14	18	24
OUTDOOR FAN MOTOR	INPUT	W	/	150	150	126
	OUTPUT	W	80.0	120	120	85
	RLA	A	/	1.7	1	2.5
	SPEED	R/MIN	750/600/500	1050/900/850	1000/900/750	900/850/800/750
OUTDOOR AIR FLOW		M3/H	3000	3620	3650	7650
OUTDOOR AIR FLOW		CFM	1764.71	2129.41	2147.06	4500
OUTDOOR NOISE LEVEL		DB(A)	59.5	60	63.5	63
	DIMENSION(W*D*H)	INCH	35.04X13.46X26.50	60	37.24X16.14X31.89	37.48X16.34X52.48
	PACKING (W*D*H)	INCH	40.55X17.24X29.53	42.91X19.69X34.84	42.91X19.69X34.84	43.11X19.49X58.27
	NET/GROSS WEIGHT	LB	100.31/108.69	139.77/150.57	169.09/181.44	225.53 / 256.62
REFRIGERANT TYPE			R410A	R410A	R410A	R410A
		OZ	65.26	91.7	134.04	162
REFRIGERANT PRECHARGE (TOTAL PIPE LENGHT)		FT	25X2	25X3	25X4	25X5
ADDITIONAL CHARGE FOR EACH FT	6.35 (1/4") LIQUID PIPE	OZ	0.161	0.161	0.161	0.161
	9.52 (3/8") LIQUID PIPE	OZ	0.322	0.322	0.322	0.322
DESIGN PRESSURE		PSIG	550/340	550/340	550/340	550/340
	LIQUID SIDE	INCH	2X1/4"	3X1/4"	4X1/4"	5X 1/4
	GAS SIDE	INCH	2X3/8"	3X3/8"	3X3/8"+1X1/2"	3X3/8"+2X1/2"
	MAX. LENGTH FOR ALL ROOMS	FT	131.23	196.85	262.46	262.46
	MAX. LENGTH FOR ONE INDOOR UNIT	FT	82.02	98.42	114.83	114.83
	MAX. HEIGHT DIFFERENCE BETWEEN INDOOR AND OUTDOOR UNIT	FT	49.21	49.21	49.21	49.21
	MAX. HEIGHT DIFFERENCE BETWEEN INDOOR UNITS	FT	33	33	33	33
CONNECTION WIRING			14AWG*4 STRANDED, UNSHIELDED	14AWG*4 STRANDED, UNSHIELDED	14AWG*4 STRANDED, UNSHIELDED	14AWG*4 STRANDED, UNSHIELDED
	INDOOR (COOLING)	°F	60~90	60~90	60~90	60~90
	INDOOR (HEATING)	°F	32~86	32~86	32~86	32~86
	OUTDOOR (COOLING)	°F	5~122	5~122	5~122	5~122
	OUTDOOR (HEATING)	°F	-13~75	-13~75	-13~75	-13~75

MULTIZONE BLU ECO SERIES INDOOR WALL MOUNT

			MIBMHW90C	MIBMHW12C	MIBMHW18C	MIBMHW24C
POWER SUPPLY		V-PH-HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ
POWER SUPPLY	VOLTAGE RANGE	V	187-253	187-253	187-253	187-253
COOLING (STANDARD CONDITIONS)	CAPACITY (RANGE)	BTU/HR	9000(2500~11900)	12000(3600~13300)	18000(7320~19500)	24000(9200~25000)
	INPUT	W	612(155~985)	930(198~1200)	1333(560~1748)	1846(370~1550)
	CURRENT	A	2.66(0.67~4.28)	4.05(0.86~5.21)	5.94(2.4~8)	8.02(2.4~6.8)
	EER	BTU/HR/W	14.7	13	13.5	13
	SEER 2	BTU/HR/W	24	23.1	24	21
HEATING (STANDARD CONDITIONS)	CAPACITY (RANGE)	BTU/HR	10000(3400~13000)	12000(4500~13500)	18000(6620~21200)	26000(10350~26410)
	INPUT	W	800(198~1500)	1035(278~1400)	1410(460~1964)	2420(560~2240)
	CURRENT	A	3.48(1.64~5.25)	4.5(1.2~6.08)	6.31(2.5~9)	10.35(3.6~9.8)
	HSPF4	BTU/HR/W	11.6	10.8	10.5	8.5
	HSPF5	BTU/HR/W	8.8	8	7.9	6.3
MINIMUM CIRCUIT AMPACITY (INDOOR)		A	3	3	3	3
MAX.FUSE (INDOOR)		A	15	3	15	15
INDOOR FAN MOTOR	QTY		1	1	1	1
	INPUT	W	/	/	58	58
	OUTPUT	W	13	13	58	58
	RLA	A	0.15	0.38	0.25	0.38
	SPEED (HI/MI/LO)	R/MIN	1150/990/750	1250/950/750	1120/950/700	1200/1080/600
INDOOR AIR FLOW (TURBO/HI/MI/LO)		M3/H	580/495/330/260	580/495/330/260	1293/902/780/650	1293/1022/780/650
		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	760.59/601.18/458.82/382.35
INDOOR NOISE LEVEL		DB(A)	40/34/23.5	42/36/25	45.5/41/24.5	48/40/28
INDOOR UNIT	DIMENSION(W*D*H)	INCH	31.57X7.87X11.61	31.57X7.87X11.61	42.60X9.21X13.27	42.60X9.21X13.27
	PACKING (W*D*H)	INCH	34.45X11.22X14.96	34.45X11.22X14.96	45.47X16.34X12.40	45.47X16.34X12.40
	NET/GROSS WEIGHT	LB	18.96/24.25	18.74/24.25	29.54/37.48	29.98/38.14
REFRIGERANT CHARGE		OZ	38.10	38.10	56.44	82.89
REFRIGERANT CHARCHE FOR EACH FT		OZ/FT	0.16	0.16	0.16	0.32
			550/340	550/340	550/340	550/340
			1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"
DESIGN PRESSURE		PSIG	82.02	82.02	98.42	164.04
REFRIGERANT PIPING	LIQUID SIDE / GAS SIDE	INCH	32.81	32.81	65.62	82.02
	MAX. REFRIGERANT PIPE LENGTH	FT	14AWG*4	14AWG*4	14AWG*4	14AWG*4
	MAX. DIFFERENCE IN LEVEL	FT	REMOTE CONTROL	REMOTE CONTROL	REMOTE CONTROL	REMOTE CONTROL
CONNECTION WIRING						
THERMOSTAT TYPE						
ROOM TEMPERATURE	INDOOR (COOLING)	°F	60~90	60~90	60~90	60~90
	INDOOR (HEATING)	°F	32~86	32~86	32~86	32~86
	OUTDOOR (COOLING)	°F	-13~122	-13~122	-13~122	-13~122
	OUTDOOR (HEATING)	°F	-13~75	-13~75	-13~75	-13~75
REFRIGERANT PRECHARGE		FT	25	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	VOLTAGE RANGE	V	187-253	187-253	187-253
COOLING (STANDARD CONDITIONS)	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
	SEER 2	BTU/HR/W	20	22.7	20.5
HEATING (STANDARD CONDITIONS)	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
	HSPF4	BTU/HR/W	10	10	10.5
	HSPF5	BTU/HR/W	8.2	7.8	8
MINIMUM CIRCUIT AMPACITY (INDOOR)		A	1.2	1.3	1.9
MAX.FUSE (INDOOR)		A	15	15	15
INDOOR FAN MOTOR	QTY		1	1	1
	INPUT	W	45	45	45
	OUTPUT	W	46	46	46
	RLA	A	0	0	1.5
	SPEED (HI/MI/LO)	R/MIN	600/520/460	/	730/630/570
INDOOR AIR FLOW (TURBO/HI/MI/LO)		M3/H	0/600/520/460	0/570/480/410	0/956/825/746
		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 CHARCHE 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	62~90
	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
CONNECTION WIRING			14*4 AWG	14*4 AWG	14*4 AWG
REFRIGERANT PRECHARGE		FT	25	25	25

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