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Keep it cool,keep it warm, keep it right!

BLU ECO SERIES INVERTER

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Unitary Small HP
AHRI Standard 210/240

Certification applies only when the complete system is listed with AHRI.

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BLU ECO SERIES INVERTER SEER 2

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CONNECTIVITY AUTO-RESTART TURBO MODE SLEEP MODE LCD DISPLAY

BLU ECO SERIES INDOOR BLU ECO SERIES OUTDOOR			IBMH090A OBMH090A	IBMH120A OBMH120A	IBMH121A OBMH121A	IBMH181A OBMH181A	IBMH241A OBMH241A	IBMH361A OBMH361A
POWER SUPPLY		V-PH-HZ	115V,1PH,60HZ	1115V,1PH,60HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ	208/230V,1PH,60HZ
POWER SUPPLY	VOLTAGE RANGE	V	103.5-126.5	103.5-126.5	187-253	187-253	187-253	187-253
COOLING (STANDARD CONDITIONS)	CAPACITY (RANGE)	BTU/HR	9000(2650~10300)	12000(3800~12100)	12000(3800~13350)	18000(3900~20000)	24000(6200~24600)	36000(8300~37500)
	INPUT	W	720(245~950)	1165(239~1890)	1111(239~1528)	1638(180~1480)	2520(292~2900)	3790(340~3048)
	CURRENT	A	6.26(2.13~9.16)	10.13(2.07~16.5)	4.9(1.05~6.78)	7.5(0.78~6.43)	11.2(1.95~12.7)	16.8(1.45~13.3)
	SEER	BTU/HR/W	21.5	20.8	21.4	19.5	18.5	18
HEATING (STANDARD CONDITIONS)	CAPACITY (RANGE)	BTU/HR	10000(2700~10500)	12000(2730~12500)	12000(2730~13900)	18800(6300~19400)	24000(6800~26800)	36000(10900~37360)
	INPUT	W	900(220~1200)	1154(376~1390)	1039(376~1390)	1806(375~1770)	2350(437~2900)	3790(610~3720)
	CURRENT	A	7.82(1.95~10.45)	10.05(3.26~16)	4.6(1.67~6.17)	/(1.63~7.69)	10.25(2.88~12.7)	16.8(2.66~16.2)
	COP	W/W	3.26	3.05	3.38	3.05	2.99	2.78
	HSPF4	BTU/HR/W	9.1	8.7	9.2	8.7	8.6	7.8
	HSPF5	BTU/HR/W	7	6.5	6.9	6.8	6.6	6
MINIMUM CIRCUIT AMPACITY(INDOOR)		A	3	3	3	3	3	3
MAX.FUSE(INDOOR)		A	15	15	15	15	15	15
MINIMUM CIRCUIT AMPACITY(OUTDOOR)		A	20	18.5	15	15	19	28
MAX.FUSE(OUTDOOR)		A	30	20	15	20	30	35
	TYPE		ROTARY	ROTARY	ROTARY	ROTARY	TWIN-ROTARY	ROTARY
	BRAND		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	SPEED(HI/MI/LO)	R/MIN	1050/810/690	850/750/450	1250/1070/800	1200/1000/700	1200/1080/600	1200/960/600
INDOOR AIR FLOW (TURBO/HI/MI/LO)		M3/H	530/406/289/233	580/510/410/300	590/495/335/265	0/780/560/460	1237/929/684/562	1350/1110/760/560
		CFM	311.76/238.82/170.00/137.06	341.18/300.00/241.18/176.47	347.06/291.18/197.06/155.88	//458.82/329.41/270.59	727.65/546.47/402.35/330.59	794.12/652.94/447.06/329.41
	SPEED	R/MIN	800/600	780/700/600	780/700/600	950/800/650/450	810/720	1150/1050/900/850
OUTDOOR AIR FLOW		M3/H	2200	2100	2100	2100	3000	3800
OUTDOOR AIR FLOW		CFM	1294.12	1235.29	1235.29	1235.29	1764.71	2235.29
INDOOR NOISE LEVEL (HI/MI/LO)		DB(A)	37.5/28/20	41/35/26.5	41/35/24	45/38/30.0	45/39.5/36	54/45/40
OUTDOOR NOISE LEVEL		DB(A)	55	53.5	53.5	57	60	65
	DIMENSION(W*D*H)	INCH	28.70X7.87X11.50	31.57X7.87X11.61	31.57X7.87X11.61	38.23X8.98X12.64	42.60X9.21X13.27	49.57X11.14X14.25
	PACKING (W*D*H)	INCH	31.10X10.63X14.76	34.45X11.22X14.96	34.45X11.22X14.96	41.14X12.01X15.94	45.47X16.34X12.40	52.76X17.72X15.16
	NET/GROSS WEIGHT	LB	17.64/22.71	18.52/24.03	18.74/24.03	24.47/31.75	29.98/38.14	42.77/55.56
	DIMENSION(W*D*H)	INCH	30.12X11.93X21.85	30.12X11.93X21.85	30.12X11.93X21.85	31.69X12.99X21.81	35.04X13.46X26.50	37.24X16.14X31.89
	PACKING (W*D*H)	INCH	34.92X13.27X24.02	34.92X13.27X24.02	34.92X13.27X24.02	36.02X14.57X24.21	39.17X15.67X29.13	42.91X19.69X34.84
	NET/GROSS WEIGHT	LB	57.76/63.49	62.17/67.68	59.30/64.82	73.85/79.81	97.88/104.50	150.13/158.95
REFRIGERANT TYPE			R410A	R410A	R410A	R410A	R410A	R410A
DESIGN PRESSURE		PSIG	550/340	550/340	550/340	550/340	550/340	550/340
REFRIGERANT PIPING	LIQUID SIDE / GAS SIDE	INCH	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"
	MAX. REFRIGERANT PIPE LENGTH	FT	82.02	82.02	82.02	98.42	164.04	213.25
	MAX. DIFFERENCE IN LEVEL	FT	32.81	32.81	32.81	65.62	82.02	98.42
ROOM TEMPERATURE	INDOOR (COOLING)	F°	60～90	60～90	60～90	60～90	60～90	60～90
	INDOOR (HEATING)	F°	32～86	32～86	32～86	32～86	32～86	32～86
	OUTDOOR (COOLING)	F°	5~122	5~122	5~122	5~122	5~122	5~122
	OUTDOOR (HEATING)	F°	5～75	5～75	5～75	5～75	5～75	5～75