

MSL / MBL SERIES AIR HANDLERS

STANDARD FEATURES

**MULTI-POSITION
UPFLOW AND HORIZONTAL**

**POWDER COATED FINISH
ON GALVANIZED STEEL EXTERIOR
WITH FULLY INSULATED CABINET**

STURDY POLYCARBONATE DRAIN PANS
The MBL series has factory installed drain pans for either horizontal position. The MSL series has one factory installed horizontal drain pan which may be easily moved for left or right air flow.

208/230 VAC OPERATION

TIME DELAY AND CONTROL TRANSFORMER

MULTI-SPEED DIRECT DRIVE BLOWER

**FACTORY INSTALLED
THERMAL EXPANSION VALVE**

BOTTOM RETURN



OPTIONAL FEATURES

3,5,6,8,10,15, OR 20 KW ELECTRIC HEATER

**CIRCUIT BREAKERS ARE STANDARD ON
15 & 20 KW ELECTRIC HEAT &
OPTIONAL ON ALL OTHER MODELS**

**TIME DELAY RELAY FOR
COOLING BLOWER**

CONDENSATE SAFETY OVERFLOW SWITCH



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PRODUCT DIMENSIONS					
Air Handler Model	Cabinet	Cabinet	Cabinet	Plenum	Plenum
	Width	Depth	Height	Width	Depth
	A	B	C		
MSL24-2666EV	19.75	21.5	45	18.25	15
MSL30-2866EV	19.75	21.5	45	18.25	15
MSL36-3860EV	19.75	21.5	45	18.25	15
MBL48-3Y84EV	23	22.5	51	21.75	15.5
MBL60-4Y81EV	23	22.5	51	21.75	15.5

All dimensions are in inches.

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ELECTRICAL SPECIFICATIONS							
MODEL	KW @ 240 VAC	BTUH	AMPS	MCA Ckt 1	MCA Ckt 2	MOP Ckt 1	MOP Ckt 2
MSL24	0	0	1.5	2	0	15	0
-3	3	10,257	14	18	0	20	0
-5	4.8	16,411	22	27	0	30	0
-6	6	20,512	27	34	0	40	0
-8	8	27,352	35	44	0	50	0
-10	9.6	32,822	42	52	0	60	0
-15	14.4	49,234	62	52	25	60	0
MSL30 & 36	0	0	3	4	0	15	0
-3	3	10,257	16	20	0	20	0
-5	4.8	16,411	23	29	0	30	0
-6	6	20,512	28	35	0	40	0
-8	8	27,352	37	46	0	50	0
-10	9.6	23,822	43	54	0	60	0
-15	14.4	49,234	63	54	25	60	30
-20	19.2	65,649	83	54	50	60	50
MBL48	0	0	4	5	0	15	0
-3	3	10,257	17	21	0	15	0
-5	4.8	16,411	24	30	0	40	0
-6	6	20,512	29	37	0	40	0
-8	8	27,352	38	47	0	50	0
-10	9.6	32,822	44	55	0	60	0
-15	14.4	49,234	64	55	25	60	30
-20	19.2	65,649	84	55	50	60	50
MBL60	0	0	5	7	0	15	0
-3	3	10,257	18	22	0	30	0
-5	4.8	16,411	25	32	0	40	0
-6	6	20,512	30	38	0	40	0
-8	8	27,352	39	48	0	50	0
-10	9.6	32,822	45	57	0	60	0
-15	14.4	49,234	65	57	25	60	30
-20	19.2	65,649	85	57	50	60	50
De-rate BTUH capacity by 25% for ratings at 208 VAC.							
Refer to prevailing electrical code for wire and over current sizes.							
15 & 20 KW models are shipped with dual circuit breakers installed.							

MSL & MBL BLOWER PERFORMANCE					
MODEL	External Static Pressure				
	0.1	0.2	0.3	0.4	0.5
MSL24	960	935	895	840	780
MSL30	1450	1410	1370	1290	1200
MSL36	1450	1410	1370	1290	1200
MBL48	1700	1640	1560	1500	1400
MBL60	2180	2090	2000	1920	1850
Ratings on based on blower high speed connection					



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