

FILTER-MATE® Motor-Blower Assembly SPECIFICATIONS

COMMERCIAL

MODEL	DIMENSION H x W x D (inches) Add 3" To Cabinet Width For Doors	SHPG. WT. (lbs.)	dBA See Note *	MOTOR	BLOWER WHEEL Diam. x Width Forward Curved	C.F.M. @ TOTAL STATIC PRESSURE RPM, BHP
MH-21 - ½ x 1	15.50 x 24 x 21	90	52	1/3 H.P., 115 V.A.C., F.L.A. 6.0, 1725 rpm, 60 Hz.	7 x 5	600 cfm @ 1.3" TSP, 1800 rpm, BHP .27
MH-23 - ½ x 1	15.50 x 24 x 23	93	49	1/3 H.P., 115 V.A.C., F.L.A. 6.0, 1725 rpm, 60 Hz.	9 x 7	800 cfm @ 0.70" TSP, 850 rpm, BHP .16
MH-33 - ½ x 1	15.50 x 24 x 23	103	60	1/2 H.P., 115 V.A.C., F.L.A. 8.0, 1725 rpm, 60 Hz.	9 x 7	1000 cfm @ 1.5" TSP, 1257 rpm, BHP .43
MH-23 - 1 x 1	27.25 x 24 x 23	127	55	3/4 H.P., 115/230 V.A.C., F.L.A. 11.4/5.7, 1725 rpm, 60 Hz.	10 x 10	2000 cfm @ 1.0" TSP, 950 rpm, BHP 0.70
MH-33 - 1 x 1	27.25 x 24 x 33.75	200	59	2.0 H.P., 230/460 V.A.C., F.L.A. 6.0/3.0, 1725 rpm, 60 Hz. 3 Phase	12 x 12	2500 cfm @ 1.80" TSP, 1106 rpm, BHP 1.23
MH-42 - 1 x 2	27.25 x 48 x 42	300	67	3.0 H.P., 230/460 V.A.C., F.L.A. 8.4/4.2, 1725 rpm, 60 Hz. 3 Phase	15 x 15	5000 cfm @ 1.80" TSP, 912 rpm, BHP 2.90
MH-42 - 1 x 3	27.25 x 48 x 42	400	68	5.0 H.P., 230/460 V.A.C., F.L.A. 13.0/6.5, 1725 rpm, 60 Hz., 3 Phase	15 x 15	6000 cfm @ 1.80" TSP, 933 rpm, BHP 4.05
MH-50 - 2 x 2	51.50 x 48 x 50	450	55	5.0 H.P., 230/460 V.A.C., F.L.A. 13.0/6.5, 1725 rpm, 60 Hz. 3 Phase	18 x 18	8000 cfm @ 1.80" TSP, 750 rpm, BHP 4.35
MH-57 - 2 x 3	51.50 x 72 x 57	650	61	10 H.P., 230/460 V.A.C., F.L.A. 24.6/12.3, 1725 rpm, 60 Hz. 3 Phase	20 x 20	12000 cfm @ 2.0" TSP, 755 rpm, BHP 7.90
MH-57 - 3 x 3	75.75 x 72 x 57	750	68	15 H.P., 230/460 V.A.C., F.L.A. 38.0/19.0, 1725 rpm, 60 Hz. 3 Phase	22 x 22	18000 cfm @ 2.0" TSP, 754 rpm, BHP 14.30

INDUSTRIAL

MODEL	DIMENSION H x W x D (inches) Add 3" To Cabinet Width For Doors	SHPG. WT. (lbs.)	dBA See Note *	MOTOR	BLOWER WHEEL Diameter Backward Inclined	C.F.M. @ TOTAL STATIC PRESSURE RPM, BHP
MH-33 - 1 X 1 - BI	28.0 X 24 X 33.75	400	62	3 H.P., 208-230/460 V.A.C., 3450 rpm, F.L.A. 8.3-7.6/3.8, 60 Hz., 3 Phase	12" BI SWSI CLI	2000 cfm up to 3.5" TSP, 2921 rpm, BHP 1.95
MH-42 - 1 X 2 - BI	28.0 X 48 X 42	500	69	5 H.P., 208-230/460 V.A.C., 3450 rpm, F.L.A. 14.0-13.0/6.5, 60 Hz., 3 Phase	12" BI DWDI CLI	4000 cfm up to 3.5" TSP, 2948 rpm, BHP 3.63
MH-50 - 2 X 2 - BI	51.5 X 48 X 50	650	72	10 H.P., 208-230/460 V.A.C., 1725 rpm, F.L.A. 27.2-24.6/12.30	16" BI DWDI CLI	8000 cfm up to 3.5" TSP, 2289 rpm, BHP 7.6
MH-57 - 2 X 3 - BI	51.5 X 72 X 57	850	72	15 H.P., 208-230/460 V.A.C., 1725 rpm, F.L.A. 40.5-38.0/19.0	20" BI DWDI CLI	12000 cfm up to 3.5" TSP, 1897 rpm, BHP 12.1
MH-65 - 3 X 3 - BI	75.75 X 72 X 65	1200	70	20 H.P., 208-230/460 V.A.C., 1725 rpm, F.L.A. 54-49/24.50	24" BI DWDI CLI	18000 cfm up to 3.5" TSP, 1528 rpm, BHP 17.1

Higher C.F.M./HP/Static Pressure available upon request.

*Sound pressure level given in dBA is an approximate log weighted average with ducted inlet and ducted outlet @ 5 ft. using AMCA std. 301. For unducted systems, consult factory.

HOW TO ORDER: State model, housing size, motor specifications, blower specifications

Design and Specifications subject to change without notice.

OPTIONS:

- Internal vibration insulation
- Hanger rods with integral support
- Stainless or aluminum construction
- Double wall construction
- Acoustical or thermal insulation
- Transitions and silencers
- Exterior primer, enamel or epoxy coating
- 2 Way louvered exhaust grill



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