

ELECTRIC DRIVEN FIXED MOUNTED BLOWER/EXHAUSTER

1,202 CFM TO 43,200 CFM (2.042 M3/HR to 73.405 M3/HR)

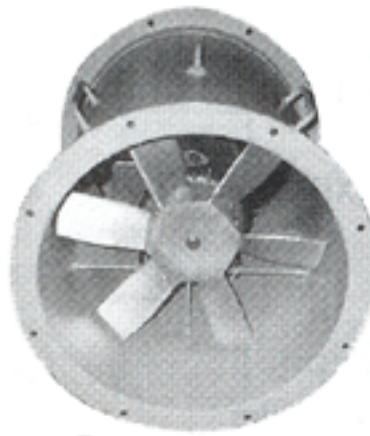
Application:

Class 22 heavy-duty duct fans are designed for the demanding service in marine and industrial plants. They are usually permanently installed in the walls, duct-work or floor grating, and are used for –

- Engine room supply air
- Cargo hold ventilation
- Equipment cooling
- Mud pit exhaust
- Evacuate smoke, foul air and toxic gases
- Supply inlet air to storage room, living quarters, machine shop of process
- Flow booster

Standard Features:

- Sizes 12 inches to 48 inches diameter
- Rugged construction
- Rigid motor mount
- Predrilled flanges
- Additional pair companion flanges always provided thereby reducing site drilling



Class 22



**Class 22 w/ extended
lube lines**

- Lifting lug(s)
- Conservatively rated
- High static pressure
- High efficiency, dynamic balance wheel
- Large hub area of wheel prevents backflow

- Totally enclosed fan cooled (TEFC) motor with permanent lubricated bearings
- Housing extends completely over wheel and motor
- Water-tight conduit box mounted on outside of casing at 9:00 o'clock facing propeller

Standard Materials:

- Heavy gauge welded steel housing
- Aluminum non-spark propeller
- Marine grade epoxy paint

Optional Features:

(Please specify by letter below)

- L. Special flange drilling to match existing flanges
- M. Extended lube lines and grease fittings
- N. Inspection door gasketed and bolted
- O. Suspension brackets
- P. Guards
- Q. Special materials of construction or thickness
- R. Fasten wheel to motor shaft by key and castellated nut
- S. Special paint and finish
- T. Special mounting bracket or feet
- U. Marine duty motor
- V. All cast iron construction of motor
- W. Explosion proof (XP) motor
- X. Inlet cone
- Y. Outlet cone

Code Numbers and Performance

Code No	Code No	Fan Diam	Speed	HP	CFM	CFM	CFM	CFM	CFM	CFM
TEFC	XP	(inches)	RPM		0" S.P	.5" S.P	.75" S.P	1.0" S.P	1.5" S.P	2.0" S.P
2212_40	2212_41	12	1725	0.25	1202	443				
2212_42	2212_43	12	3450	0.75	2400	2240	2150	2040	1760	885
2214_44	2214_45	14	1725	0.25	1925	1375				
2214_46	2214_47	14	3450	1.5	3850	3646	3547	3424	3167	2750
2216_48	2216_49	16	1725	0.25	1975	938	600			
2216_50	2216_51	16	3450	1	3950	3640	3450	3275	2800	1876
2218_52	2218_53	18	1725	0.75	3410	2675	1150	777		
2218_54	2218_55	18	3450	5	6820	6800	6650	6498	6153	6750
2221_56	2221_57	21	1725	0.75	500	4275	3725			
2221_58	2221_59	21	3450	5	10000	9675	9480	9300	8950	8550
2224_60	2224_61	24	1725	0.75	6750	4425	3300	2175		
2224_62	2224_63	24	3450	5	11500	11000	10700	10400	9700	8850
2224_64	2224_65	24	1725	1	7250	6000	4750	3500		
2224_66	2224_67	24	3450	7.5	14600	13900	13575	13250	12600	12000
2224_68	2224_69	24	1725	1.5	7625	6600	5725	3750		
2224_72	2224_71	24	3450	10	15250	14850	14600	14350	13800	13200
2230_72	2230_73	30	1150	3	12925	10240				
2230_74	2230_75	30	1725	10	19900	18579	17640	16550	14500	12400
2234_76	2234_77	34	1150	3	15900	16700				
2234_78	2234_79	34	1725	10	24600	22650	21360	19960	17200	14500
2236_80	2236_81	36	1150	3	18700	15100	11800			
2236_82	2236_83	36	1725	10	28700	26750	25440	24280	21800	19300
2236_84	2236_85	36	1725	15	34200	31300	29530	27660	23100	15350
2236_86	2236_87	36	1725	20	37850	35380	34050	32700	29570	25920
2242_88	2242_89	42	1725	10	35370	32190	30300	28390	23530	17100
2242_90	2242_91	42	1725	20	41960	39700	38590	37460	34750	31300
2242_92	2242_93	42	1725	25	51000	47860	46250	46630	41120	36940
2248_94	2248_95	48	1160	10	36500	32000	29520	36650	18590	8900
2248_96	2248_97	48	1160	15	49600	44050	41270	38480	30935	18550
2248_98	2248_99	48	1160	20	55780	50800	48300	45409	39010	27390

VOLTAGE CODE LETTERS

A	115	1	60
B	208	1	60
C	230	1	60
D	208	3	60
E	230	3	60
F	460	3	60
G	575	3	60
H	110	1	50
I	220	1	50
J	220	3	50
K	380	3	50