

# Delta T Systems PREMIUM MARINE AXIAL FANS

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DELTA "T" SYSTEMS

**NEMA**  
**Premium**<sup>®</sup>



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## PREMIUM MARINE AXIAL FANS



**Design & Construction** — Axial Ventilation Fans produced by Delta “T” Systems are specifically designed and built for the rigors of the marine environment — not adapted from other industries. Flanged housings of welded marine grade aluminum provide light-weight and excellent corrosion resistance. Major assembly hardware is corrosion resistant stainless steel for long life. An external junction box mounted on the housing exterior is provided for electrical connections.

**Motors** — High efficiency three phase and single phase direct drive motors are utilized to provide quiet continuous duty service. Available with “CE” Classification, 50 or 60 HZ, and optional I-EEE-45 Certification, these motors are designed for worldwide applications and can be provided in nearly any voltage configuration. Standard motor sizes from 1/4 HP (.19 kW) to 30 HP (23.4 kW) are available.

**Fan Hubs & Blades** — Corrosion resistant aluminum hubs are secured directly to the motor shaft using multiple locking methods for enhanced safety and reliability. Fan blades are non-corrosive poly-propylene composite and are pitch adjustable to allow for a wide range of flows and duties. The high performance airfoil blade shape provides for exceptional flow characteristics and low sound levels. All fans are tested in accordance with AMCA Standard 210. Axial Ventilation Fans have a non-overloading characteristic; the peak power input occurs within the range of normal operating pressures and is always exceeded by the motor rating.

**Finish** — Aluminum housings are provided “mill finish” without paint, or powder coated in any color.

**Standard Sizes** — Our premium series fans range in size from 12” (305 mm) ID to 60” (1524 mm) ID.

**Standard Flows** — Ranging from 875 CFM (42 m<sup>3</sup>/Min) to 100,000+ CFM (1642.4+ m<sup>3</sup>/Min), Delta “T” Systems Axial Ventilation Fans can be configured to your exacting specifications.

**Custom Sizes** — Can’t source a fan in time or need a drop in replacement for an existing fan? Need a larger flow or diameter than the standard sizes? Just provide us with your requirements and housing dimensions and Delta “T” Systems will build your fan using the same high quality marine components as our premium series.



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## TUBE AXIAL FAN RATINGS - 3 PHASE 60HZ

Size	Model Number	No. Of Blades	Motor BHP	Peak AHP	RPM	FLOW IN CFM AT STATIC PRESSURE IN INCHES OF WATER																
						Free Air	.125 IN.	.25 IN.	.375 IN.	.5 IN.	.625 IN.	.75 IN.	.875 IN.	1 IN.	1.125 IN.	1.25 IN.	1.375 IN.	1.5 IN.	1.625 IN.	1.75 IN.		
12"	212183 - 25	8	0.25	0.06	1740	875	786	683														
	212183 - 30	8	0.25	0.08	1740	1090	998	896	725													
	212183 - 35	8	0.25	0.1	1740	1240	1150	1030	870													
	212183 - 40	8	0.25	0.13	1740	1470	1340	1220	1040													
	212183 - 45	8	0.25	0.17	1740	1660	1540	1400	1170													
	212363 - 25	8	0.5	0.4	3450	1720	1690	1640	1590	1550	1500	1450	1390	1310	1220	1130						
	212363 - 30	8	0.75	0.6	3450	2150	2110	2060	2020	1960	1920	1860	1810	1750	1700	1620	1520	1310				
	212363 - 35	8	0.75	0.75	3450	2460	2420	2370	2330	2260	2190	2140	2080	2010	1960	1870	1800	1680	1540			
	212363 - 40	8	1	0.97	3450	2860	2830	2780	2710	2640	2580	2520	2540	2380	2320	2220	2120	1990	1880			
212363 - 45	8	1.5	1.27	3450	3270	3210	3160	3100	3030	2970	2900	2830	2730	2640	2520	2410	2260	2130				
15"	215183 - 25	10	0.25	0.19	1740	1600	1550	1450	1330	1100												
	215183 - 30	10	0.33	0.26	1740	2000	1950	1860	1730	1540												
	215183 - 35	10	0.5	0.3	1740	2320	2270	2160	2010	1800												
	215183 - 40	10	0.5	0.38	1740	2690	2610	2490	2330	2110												
	215183 - 45	10	0.5	0.48	1740	3160	3090	2930	2750	2490												
	215363 - 25	8	1	0.9	3450	3170	3150	3090	3020	2950	2870	2780	2700	2590	2520	2410	2300	2180	2070	1860		
	215363 - 30	8	1.5	1.37	3450	4010	3940	3870	3800	3740	3650	3580	3500	3410	3250	3220	3120	3000	2840	2640		
	215363 - 35	8	2	1.93	3450	4860	4810	4730	4680	4600	4530	4440	4360	4270	4190	4080	3950	3830	3670	3490		
	215363 - 40	8	3	2.45	3450	5560	5520	5440	5360	5270	5160	5070	4960	4860	4750	4690	4570	4420	4260	4060		
215363 - 45	8	3	3.06	3450	6220	6140	6080	6010	5920	5820	5710	5600	5480	5380	5260	5130	4950	4800	4590			
19"	219183 - 25	10	0.75	0.54	1740	3500	3400	3280	3120	2960	2760	2500	2080									
	219183 - 30	10	0.75	0.73	1740	4250	4140	3980	3830	3660	3440	3160	2710									
	219183 - 35	10	1	0.92	1740	5020	4880	4730	4580	4370	4120	3810	3390									
	219183 - 40	10	1.5	1.28	1740	6010	5860	5680	5480	5250	4980	4650	4210									
	219183 - 45	10	2	1.65	1740	6770	6610	6400	6170	5920	5620	5190	4700									
21"	221183 - 20	9	1	0.963	1740	4140	4020	3900	3760	3620	3480	3290	3190	2920	2660							
	221183 - 25	9	1.5	1.29	1740	5140	5020	4880	4750	4610	4490	4320	4130	3900	3600	3150						
	221183 - 30	9	2	1.71	1740	6240	6120	6000	5840	5680	5510	5340	5140	4880	4620	4210	3640					
	221183 - 32.5	9	2	1.9	1740	6820	6660	6500	6360	6160	5980	5790	5570	5300	4990	4650	4160					
	221183 - 35	9	3	2.12	1740	7350	7190	7030	6870	6670	6450	6220	5990	5690	5400	5060	4640					
	221183 - 37.5	9	3	2.33	1740	7880	7700	7490	7350	7120	6900	6670	6430	6050	5750	5360	4950					
	221183 - 40	9	3	2.6	1740	8360	8160	7960	7790	7580	7350	7100	6850	6520	5750	5710	5320					
	221183 - 45	9	3	3.15	1740	9290	9090	8900	8680	8410	8160	7890	7640	7300	6400	6380	5610					

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PERFORMANCE BASED UPON 85°F AMBIENT TEMPERATURE, DUCTED INLET AND OUTLET









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