

Tubeaxial Belt Driven Fan

Col-Met supplies high quality tube axial fans ranging from 12" to 42" in diameter and designed for continuous duty. The Aerovent model BTABD is a belt driven tube axial fan made specifically for reliable air movement in spray booth applications.



Aerodynamic belt tube with standard access door



Maintenance-free bearing assembly

Superior Performance

- >> Standard airflow from 1480 to 32,243 CFM
- >> Static pressure 0.5" to 1.25" w.g.
- >> AMCA certified

Features

- >> Aluminum non-sparking fan blade meets all NFPA 33 requirements
- >> Continuously welded, heavy-gauge, corrosion resistant, enamel coated steel housing with pre-punched inlet and outlet flanges
- >> Non-relubricable "sealed for life" ball bearings in mono-block housing to ensure reliable bearing performance
- >> The v-belt drive assembly is enclosed in an aerodynamically designed belt tube which maximizes fan efficiency
- >> Dynamically balanced propellers for quiet, vibration-free operation
- >> Cast iron motor sheaves
- >> Propellers are statically and dynamically balanced in accordance with ANSI/AMCA 204-05

SCFM @ 1/2"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
12"	3/4	1,450	1,725	2,457
18"	3/4-1-1/2	1,030-5,000	1,725	1,245-2,460
24"	1-3	5,350-9,050	1,725-1,750	1,330-1,960
30"	2-5	8,850-15,000	1,750	1,035-1,500
36"	5	15,296-18,392	1,750	860-979
42"	5-10	20,263-32,243	1,750	830-1,150

SCFM @ 3/4"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
18"	1-2	2,320-5,000	1,725-1,750	1,697-2,320
24"	1-1/2-3	5,100-8,900	1,725-1,750	1,415-2,010
30"	3-5	9,550-15,000	1,750	1,180-1,570
36"	5	13,296-16708	1,750	860-979
42"	5-10	19,679-30,006	1,750	830-1,150

SCFM @ 1"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
18"	1-2	1,250-4,700	1,725-1,750	1,697-2,566
24"	2-5	4,500-8,610	1,750	1,544-2,237
30"	3-5	8,889-13,770	1,750	1,352-1,750
36"	5	10,860-14,930	1,750	860-979
42"	10	22,045-27,706	1,750	1,066-1,150

SCFM @ 1-1/4"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
18"	1-1/2-2	2,800-3,200	1,725-1,750	2,161-2,237
24"	2-3	4,200-6,400	1,750	1,604-1,933
30"	3-5	7,700-10,700	1,750	1,352-1,571