



COOK MFG

TUBE AXIAL FAN SPEC SHEET

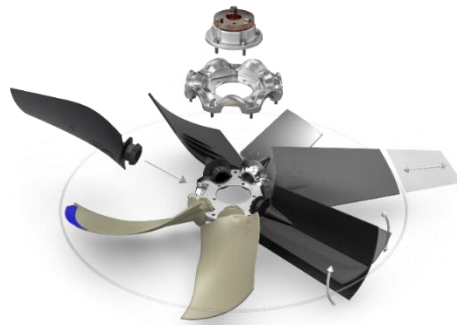
Model: ABT

OVERVIEW:

- Heavy duty tube axial fans designed for industrial ventilation and other demanding applications. Ideal for use on paint and powder coating booths.
 - Standard sizes from 12" to 60" diameter
 - Custom sizes are also available
 - Shipped fully assembled & factory tested

OPERATING RANGE:

- Performance ratings up to 50,000 CFM
- Static pressure ratings up to 1.5"WC
- Airflow temperature range from 0° F to 200° F



STANDARD FEATURES:

- Housing: 18 Ga Mild Steel
- Bearings: Dual Pillow Block Bearings
- Mounting: Heavy Duty Angle Iron Flanges
- Mounts: Adjustable Motor Mount
- Drive: Belt Driven
- Motor: TEFC Standard
- Blade: Propylene Blade with Aluminum Hub

OPTIONAL FEATURES:

- Explosion proof motor
- Washdown motor

FINISH:

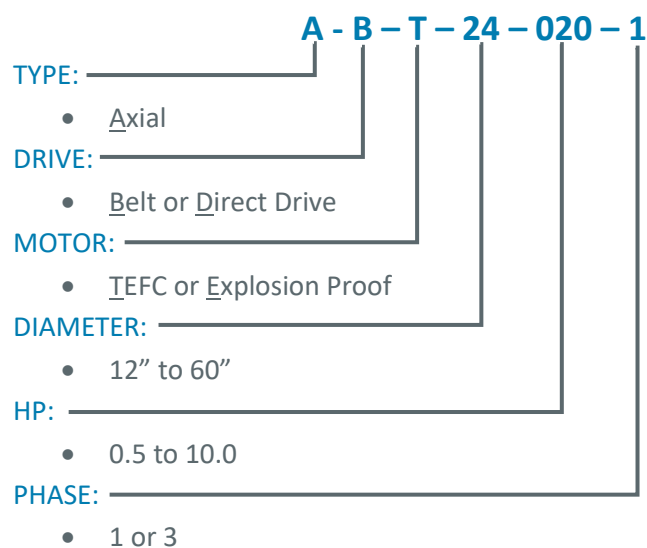
- Housing: Powder Coated Gray (RAL 7031)



COMPLIANCE:

- Meets or exceeds NFPA 33 and OSHA requirements.
- UL listed components.

NAMING CONVENTION:



ELECTRICAL REQUIREMENTS:

HP:	Single Phase:		Three Phase:	
	Amperage:	Voltage:	Amperage:	Voltage:
0.5	9.8/5.4-4.9A	115/208 - 230V	2.4-2.2/1.1A	208 - 230/460V
1	16.0/8.8 - 8.0A	115/208 - 230V	4.6-4.2/2.1A	208 - 230/460V
2	24.0/13.2 - 12.0A	115/208 - 230V	7.5 - 6.8/3.4A	208 - 230/460V
3	34.0/18.7 - 17.0A	115/208 - 230V	10.6 - 9.6/4.8A	208 - 230/460V
5	30.8 - 28.0A	208 - 230V	16.7 - 15.2/7.6A	208 - 230/460V
7.5	N/A	N/A	24.2 - 22.0/11.0A	208 - 230/460V
10	N/A	N/A	28.0/14.0A	230/460V

STANDARD SIZES:

Part No:	Diameter:	CFM @ .25" SP:	HP:	Phase:	Weight (lb):
ABT12	12	-	-	-	56
ABT120051	12	1,200	0.5	1	80
ABT120053	12	1,200	0.5	3	80
ABT120101	12	1,800	1.0	1	92
ABT120103	12	1,800	1.0	3	92
ABT18	18	-	-	-	86
ABT180101	18	3,500	1.0	1	123
ABT180103	18	3,500	1.0	3	123
ABT180201	18	4,250	2.0	1	135
ABT180203	18	4,250	2.0	3	135
ABT24	24	-	-	-	111
ABT240201	24	6,500	2.0	1	160
ABT240203	24	6,500	2.0	3	160
ABT240301	24	8,500	3.0	1	186
ABT240303	24	8,500	3.0	3	186
ABT30	30	-	-	-	136
ABT300301	30	10,500	3.0	1	201
ABT300303	30	10,500	3.0	3	201
ABT300503	30	12,500	5.0	1	221
ABT300503	30	12,500	5.0	3	221
ABT34	34	-	-	-	159
ABT340301	34	14,500	3.0	1	233
ABT340303	34	14,500	3.0	3	233
ABT340501	34	16,000	5.0	1	253
ABT340503	34	16,000	5.0	3	253
ABT36	36	-	-	-	170
ABT360501	36	16,500	5.0	1	260
ABT360503	36	16,500	5.0	3	260
ABT360753	36	19,000	7.5	3	352
ABT42	42	-	-	-	208
ABT420503	42	20,000	5.0	3	302
ABT420753	42	22,500	7.5	3	394
ABT48	48	-	-	-	225
ABT480753	48	25,000	7.5	3	411
ABT481003	48	30,000	10	3	439
ABT54	54	-	-	-	285
ABT541003	54	35,000	10	3	500

DIMENSIONAL GUIDE:

Nominal Diameter:	Inside Diameter: (A)	Outside Diameter: (B)	Overall Height: (C)	Bolt Circle: (D)	Hole Qty: (E)
12"	12-3/16"	15-3/16"	20"	14"	8
18"	18-3/16"	21-3/16"	20"	20"	8
24"	24-3/16"	27-3/16"	20"	25-7/8"	12
30"	30-3/16"	34-3/16"	20"	32-3/8"	16
34"	34-3/16"	38-3/16"	20"	36-3/8"	16
36"	36-3/16"	40-3/16"	20"	38-3/8"	16
42"	42-3/16"	46-3/16"	24"	44-3/8"	24
48"	48-3/16"	52-3/16"	24"	50-3/8"	24
54"	54-3/16"	56-3/16"	28"	50-3/8"	24

