



COOK MFG

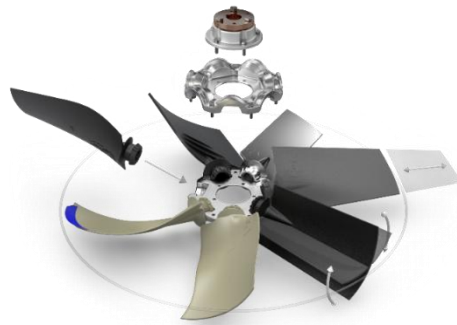
TUBE AXIAL BELT DRIVE FAN - TEFC

OVERVIEW:

- Heavy duty tube axial fans designed for industrial ventilation and other demanding applications.
- Ideal for use on paint and powder coating booths.
 - Model: ABT
 - Standard sizes up 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: Polyamide Blade with Aluminum Hub

OPTIONAL FEATURES:

- Explosion proof motor
- Washdown motor

FINISH:

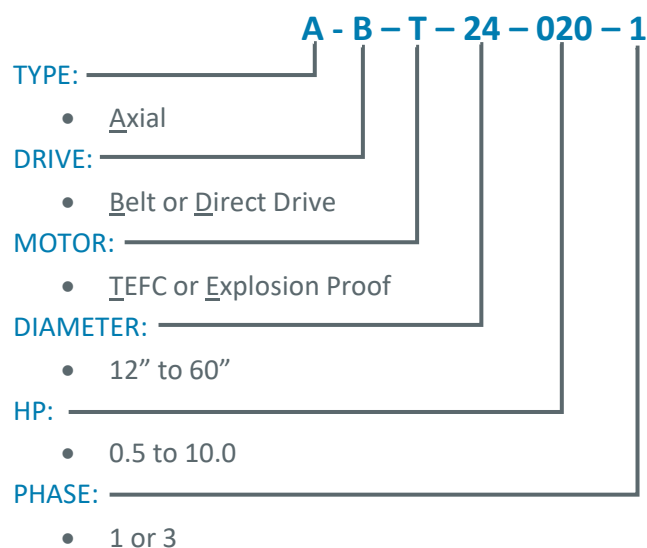
- Housing: Powder Coated Gray (RAL 7031)

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
15	N/A	N/A	42.0/21.0A	230/460V

STANDARD SIZES:

Part No:	Diameter:	CFM @ .25" SP:	HP:	Phase:	Weight (lb):
ABT12	12	-	-	-	56
ABT120051	12	1,100	0.5	1	80
ABT120053	12	1,100	0.5	3	80
ABT120101	12	1,600	1.0	1	92
ABT120103	12	1,600	1.0	3	92
ABT15	15	-	-	-	79
ABT150101	15	2,400	1.0	1	105
ABT150103	15	2,400	1.0	3	105
ABT16	16	-	-	-	88
ABT160101	16	2,700	1.0	1	112
ABT160103	16	2,700	1.0	3	112
ABT160201	16	3,000	2.0	1	122
ABT160203	16	3,000	2.0	3	122
ABT18	18	-	-	-	86
ABT180101	18	3,350	1.0	1	123
ABT180103	18	3,350	1.0	3	123
ABT180201	18	3,800	2.0	1	135
ABT180203	18	3,800	2.0	3	135
ABT21	21	-	-	-	101
ABT210101	21	4,350	1.0	1	135
ABT210103	21	4,350	1.0	3	135
ABT210201	21	5,600	2.0	1	141
ABT210203	21	5,600	2.0	3	141
ABT210301	21	7,000	3.0	1	176
ABT210303	21	7,000	3.0	3	176
ABT24	24	-	-	-	111
ABT240101	24	5,800	1.0	1	145
ABT240103	24	5,800	1.0	3	145
ABT240201	24	7,250	2.0	1	151
ABT240203	24	7,250	2.0	3	151
ABT240301	24	9,000	3.0	1	186
ABT240303	24	9,000	3.0	3	186
ABT240501	24	11,200	5.0	1	206
ABT240503	24	11,200	5.0	3	206
ABT30	30	-	-	-	136
ABT300201	30	9,250	2.0	1	195
ABT300202	30	9,250	2.0	3	195
ABT300301	30	11,800	3.0	1	205
ABT300303	30	11,800	3.0	3	205
ABT300501	30	14,500	5.0	1	221
ABT300503	30	14,500	5.0	3	221
ABT34	34	-	-	-	159
ABT340301	34	12,500	3.0	1	233
ABT340303	34	12,500	3.0	3	233

ABT340501	34	16,500	5.0	1	253
ABT340503	34	16,500	5.0	3	253
ABT340803	34	18,000	7.5	3	345
ABT36	36	-	-	-	170
ABT360301	36	14,500	3.0	1	240
ABT360303	36	14,500	3.0	3	240
ABT360501	36	17,500	5.0	1	260
ABT360503	36	17,500	5.0	3	260
ABT360753	36	20,000	7.5	3	352
ABT361003	36	22,500	10	3	380
ABT42	42	-	-	-	208
ABT420303	42	17,500	3.0	3	290
ABT420503	42	24,500	5.0	3	302
ABT420753	42	30,000	7.5	3	355
ABT421003	42	34,000	10.0	3	390
ABT48	48	-	-	-	225
ABT480503	48	27,500	5.0	3	319
ABT480753	48	32,500	7.5	3	372
ABT481003	48	37,500	10	3	407
ABT54	54	-	-	-	267
ABT541503	54	52,000	15	3	525

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
13"	13-3/16"	16-3/16"	20"	15"	8
15"	15-3/16"	18-3/16"	20"	17"	8
16"	16-3/16"	19-3/16"	20"	18"	8
18"	18-3/16"	21-3/16"	20"	20"	8
20"	20-3/16"	23-3/16"	20"	22-3/4"	12
21"	21-3/16"	24-3/16"	20"	23-3/4"	12
24"	24-3/16"	27-3/16"	20"	25-7/8"	12
25"	25-3/16"	28"-3/16"	20"	26-7/8"	16
27"	26-3/16"	30-3/16"	20"	28-7/8"	16
30"	30-3/16"	34-3/16"	20"	32-3/8"	16
31"	31-3/16"	35-3/16"	20"	33-3/8"	16
34"	34-3/16"	38-3/16"	24"	36-3/8"	16
36"	36-3/16"	40-3/16"	24"	38-3/8"	16
40"	40-3/16"	44-3/16"	24"	42-3/8"	24
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
56"	56-3/16"	58-3/16"	28"	58-3/8"	24
60"	60-3/16"	64-3/16"	28"	62-3/8"	24

