



COOK MFG

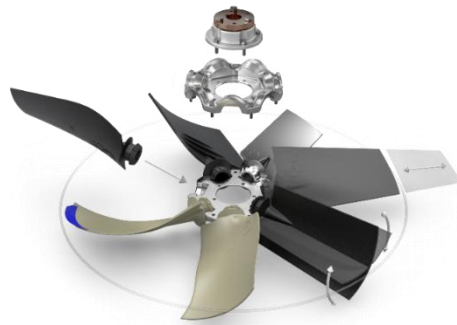
TUBE AXIAL BELT DRIVE FAN - EXP

OVERVIEW:

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

FINISH:

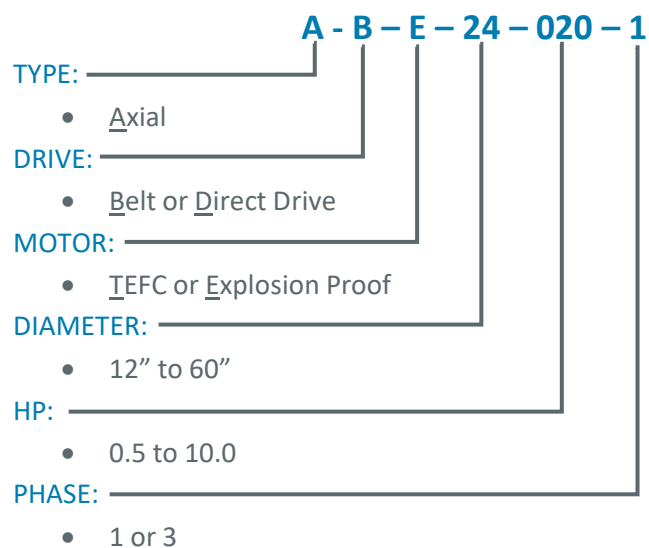
- Housing: Powder Coated Gray (RAL 7031)

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):
ABE12	12	-	-	-	56
ABE120051	12	1,100	0.5	1	100
ABE120053	12	1,100	0.5	3	100
ABE120101	12	1,600	1.0	1	112
ABE120103	12	1,600	1.0	3	112
ABE15	15	-	-	-	79
ABE150101	15	2,400	1.0	1	125
ABE150103	15	2,400	1.0	3	125
ABE16	16	-	-	-	88
ABE160101	16	2,700	1.0	1	132
ABE160103	16	2,700	1.0	3	132
ABE160201	16	3,000	2.0	1	142
ABE160203	16	3,000	2.0	3	142
ABE18	18	-	-	-	86
ABE180101	18	3,350	1.0	1	143
ABE180103	18	3,350	1.0	3	143
ABE180201	18	3,800	2.0	1	155
ABE180203	18	3,800	2.0	3	155
ABE21	21	-	-	-	101
ABE210101	21	4,350	1.0	1	160
ABE210103	21	4,350	1.0	3	160
ABE210201	21	5,600	2.0	1	190
ABE210203	21	5,600	2.0	3	190
ABE210301	21	7,000	3.0	1	205
ABE210303	21	7,000	3.0	3	205
ABE24	24	-	-	-	111
ABE240101	24	5,800	1.0	1	175
ABE240103	24	5,800	1.0	3	175
ABE240201	24	7,250	2.0	1	180
ABE240203	24	7,250	2.0	3	180
ABE240301	24	9,000	3.0	1	206
ABE240303	24	9,000	3.0	3	206
ABE240501	24	11,200	5.0	1	226
ABE240503	24	11,200	5.0	3	226
ABE30	30	-	-	-	136
ABE300201	30	9,250	2.0	1	216
ABE300203	30	9,250	2.0	3	216
ABE300301	30	11,800	3.0	1	225
ABE300303	30	11,800	3.0	3	225
ABE300501	30	14,500	5.0	1	241
ABE300503	30	14,500	5.0	3	241
ABE34	34	-	-	-	159
ABE340301	34	12,500	3.0	1	253
ABE340303	34	12,500	3.0	3	253

ABE340501	34	16,500	5.0	1	273
ABE340503	34	16,500	5.0	3	273
ABE340803	34	18,000	7.5	3	365
ABE36	36	-	-	-	170
ABE360301	36	14,500	3.0	1	260
ABE360303	36	14,500	3.0	3	260
ABE360501	36	17,500	5.0	1	280
ABE360503	36	17,500	5.0	3	280
ABE360753	36	19,000	7.5	3	372
ABE3610003	36	22,500	10	3	400
ABE42	42	-	-	-	208
ABE420303	42	17,500	3.0	3	310
ABE420503	42	24,500	5.0	3	322
ABE420753	42	30,000	7.5	3	375
ABE421003	42	34,000	10.0	3	415
ABE48	48	-	-	-	225
ABE480503	48	27,500	5.0	3	350
ABE480753	48	32,500	7.5	3	405
ABE481003	48	37,500	10	3	460
ABE54	54	-	-	-	267
ABE541503	54	52,000	15	3	565

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"	20"	36-3/8"	16
36"	36-3/16"	40-3/16"	20"	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

