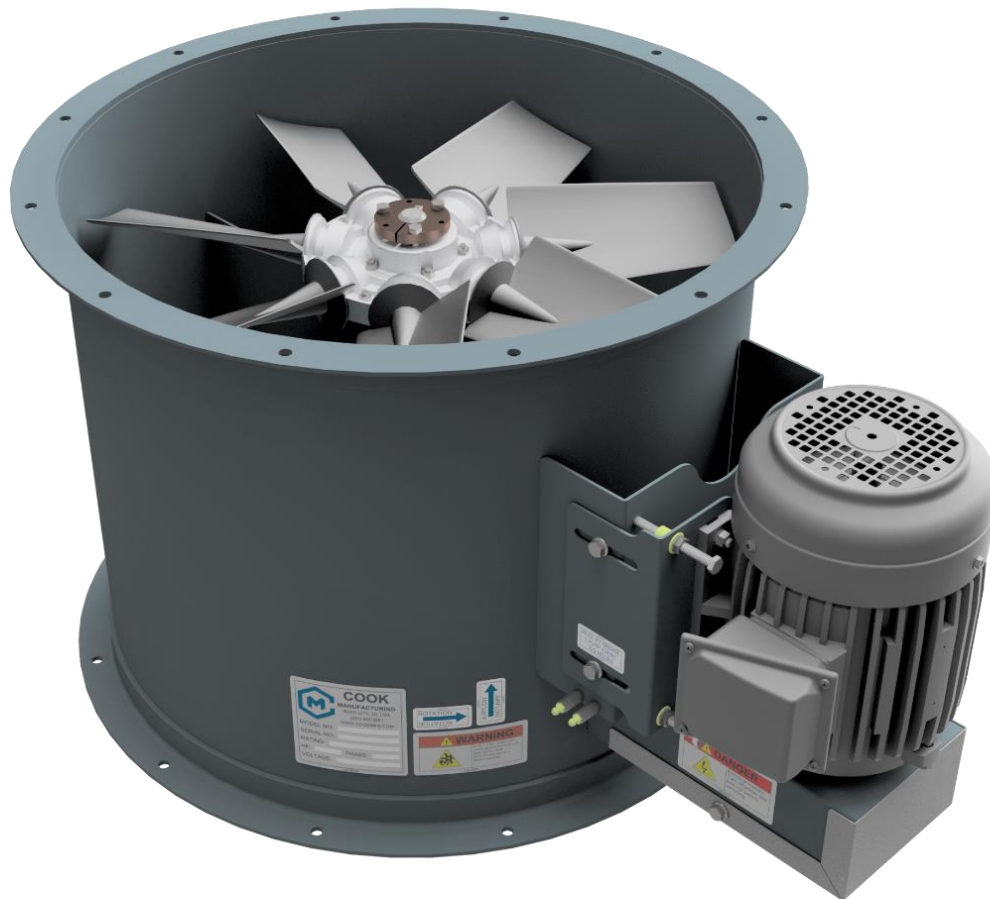


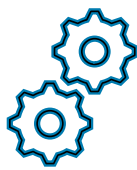


COOK MFG

TUBE AXIAL BELT DRIVE FAN - TEFC



Backed by a
1 Year
Manufacturer's
Warranty



Engineered for
Demanding
Applications



Shipped Fully
Assembled &
Factory Tested

OVERVIEW:

- 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:

- TEFC or Totally Enclosed Fan Cooled motor
- Non-sparking polyamide blade with aluminum hub
- Dual pillow block bearings
- Remote grease fittings
- Heavy duty mounting flanges
- Durable powder coated finish

OPTIONAL FEATURES:

- Explosion proof motor
- Washdown motor

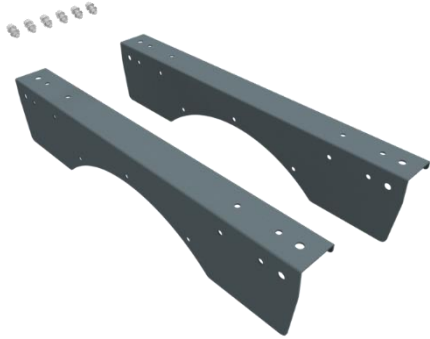
COMPLIANCE:

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



ACCESSORIES:

- [Axial Fan Bracket Kit](#)



- [Axial Fan Guards](#)



- [Motor Starter](#)



- [Mounting Flange](#)



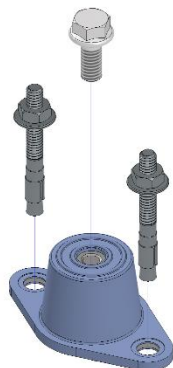
- [VFD Controller](#)



- [Weather Cover](#)



- [Vibration Isolators](#)



NAMING CONVENTION:

A - B - T - 12 - 005 - 1

TYPE:

- Axial

DRIVE:

- Belt or Direct Drive

MOTOR:

- TIEFC or Explosion Proof

DIAMETER:

- 12" to 48"

HP:

- 0.50 to 20.0

PHASE:

- 1 or 3

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"	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

