Type TEBC
Belt Drive Duct Fan

AMERICAN Coolair®

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Abbreviations for Accessories

IBG – Inlet bell with guard
AP – Access panel
DG – Drive guard
MC – Motor cover
MF – Mounting feet
CF – Companion flange (specify one or two per fan)
DS – Safety disconnect switch (specify voltage)
EPX – 6 mil epoxy finish
HDG – Hot dip galvanizing
EL – Extended lube lines (fan bearings)

Standard Fan Features

- Operates reliably in hostile environments
- Motor, belts and bearings isolated from airstream
- Heavy gauge steel construction
- Adjustable pitch cast aluminum airfoil blades
- Heavy duty pillow block ball bearings
- Variable pitch motor pulleys (most models)
- UL Listed for Standard 705 (most models)

Dimensions

Dimension “A” is the I.D. of the duct section.

Dimension “B” is bolt hole center to bolt hole center.

Dimension “C” is the O.D. of the flange.

Dimension “D” is overall length of the duct section.

Dimension “E” is the O.D. of the inlet bell.

Dimension “F” is the distance between center points of the horizontal slots in the mounting feet.

Dimension “G” is overall width of the mounting feet (accessory).

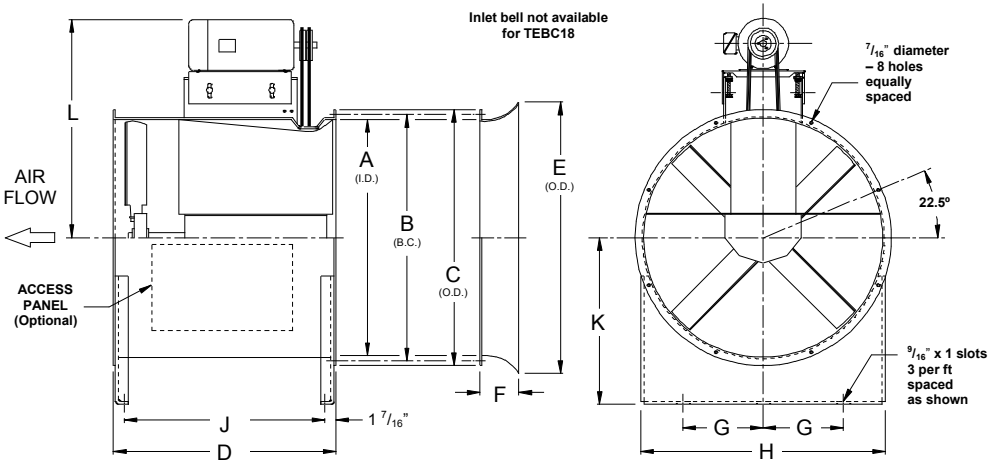
Dimension “H” is the distance from the center of the slot to the outer edge of the flange.

Dimension “J” is the distance between the center lines of the slots in the mounting feet.

Dimension “K” is the distance from the center line of the propeller to the bottom of the mounting feet.

Dimension “L” is the maximum distance from the center line of the propeller to the top of the motor.

Drawings of the belt and drive are schematic. Single belts are used on smaller sizes and HPs.



Size	Dimensions in Inches A	B	C	D	E	F	G	H	J	K	L	No. of Blades	Access Panel (Optional)	Outlet Area ft²
18	18	19 5/8	20 13/16	21 1/8	24	2 1/16	7	20 1/16	18 1/4	15	22 1/4	4	8 x 10	1.77
24	25 1/2	27 1/8	28 5/16	21 1/8	30 1/4	6	9	27 3/16	18 1/4	18 3/4	28 3/4	4	10 x 10	3.55
30	31 3/16	32 7/8	34 1/16	21 1/8	36 1/4	6	12	32 11/16	18 1/4	21 5/8	31 3/4	4	10 x 10	5.31
36	37 1/4	38 15/16	40 1/8	31 1/8	42 1/4	6	16	38 7/8	28 1/4	26 5/8	35 1/4	4	12 x 15	7.57
42	43 1/4	44 15/16	46 1/8	31 1/8	48 1/2	6	18	44 1/2	28 1/4	29 5/8	39 3/4	6	16 x 18	10.20
48	49 1/4	50 15/16	52 1/8	31 1/8	54 5/8	6	19	49 7/8	28 1/4	32 5/8	42 3/4	6	16 x 18	13.23
54	55 1/4	56 15/16	58 1/8	31 1/8	59 1/2	6	22	55 1/2	28 1/4	36 1/8	45 1/2	6	16 x 18	16.65
60	61 3/8	63 1/16	64 1/4	31 1/8	65 5/8	6	25	61 5/8	28 1/4	39 5/8	48 1/2	6	16 x 18	20.55

Specifications

		FAN DATA					MOTOR DATA						
FAN NO.	QTY.	MODEL NO.	CFM	SP	RPM	SONES	HP	RPM	VOLTAGE	PH	HZ	ENCLOSURE	ACCESSORIES AND REMARKS

PROJECT _____ ENGINEER _____ SUBMITTED BY _____ DATE _____

LOCATION _____ CONTRACTOR _____ APPROVED BY _____ DATE _____

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