

# AVD VANEAXIAL FANS

## FEATURES & BENEFITS

- Average 20% pressure gain compared to tubeaxial construction
- No increase in motor horsepower due to downstream guide vanes
- Improved fan efficiency due to guide vanes
- Minimized air swirl reduces long ductwork pressure drops downstream
- High efficiency, cast aluminum airfoil axial impeller
- Heavy gauge steel housings
- Externally mounted & wired junction box
- TEFC severe duty motors as standard
- Sizes range from 12" to 60"; capacities to 61,000 cfm

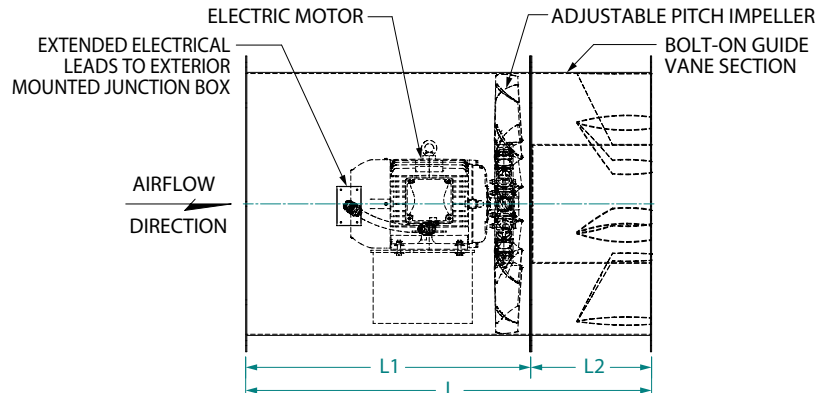
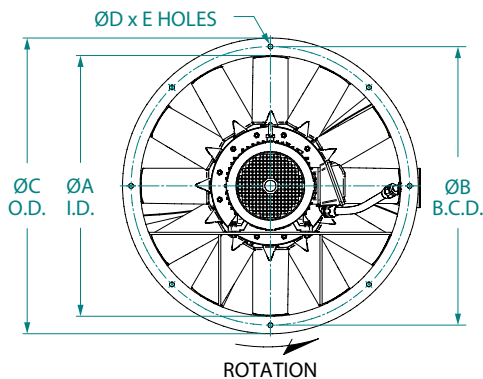


## APPLICATIONS

- Process ventilation
- General ventilation
- Fumes, dust, or smoke removal
- Booster fans
- High air volume and pressure applications

## ACCESSORIES/OPTIONS

- Horizontal mounting brackets
- Vertical mounting brackets
- Companion flanges
- Inspection door
- Motor & impeller side guards
- Continuously welded construction
- 304 or 316 stainless steel housing
- Special motors, IEEE 45, IEEE 841, XP
- Special surface preparation and paint finishes
- AMCA spark resistant construction – consult factory
- Larger diameters and capacities – consult factory



DIMENSIONS IN INCHES\*

MODEL	ØA	ØB	ØC	ØD	E	L1	L2	L	MAX MTR FRAME
AVD120	12.19	13.75	15.00	0.44	8	18.00	8.00	26.00	56
AVD140	14.19	16.25	17.50	0.44	8	20.00	8.00	28.00	143/5T
AVD160	16.19	18.00	19.50	0.44	8	21.00	9.00	30.00	143/5T
AVD180	18.19	20.75	22.00	0.44	8	24.00	9.00	33.00	143/5T
AVD210	21.19	23.25	24.50	0.44	8	26.00	10.00	36.00	182/4T
AVD240	24.19	26.25	27.50	0.44	8	29.00	12.00	41.00	182/4T
AVD270	27.19	29.25	31.00	0.44	8	29.00	14.00	43.00	182/4T
AVD300	30.19	32.63	34.50	0.56	8	33.00	14.00	47.00	213/5T
AVD340	34.19	36.63	38.50	0.56	8	33.00	16.00	49.00	213/5T
AVD360	36.19	38.63	40.50	0.56	8	33.00	17.00	50.00	213/5T
AVD420	42.19	44.63	46.50	0.56	8	42.00	18.00	60.00	254/6T
AVD480	48.19	50.63	52.50	0.56	12	42.00	18.00	60.00	254/6T
AVD540	54.19	56.63	58.50	0.56	12	55.00	22.00	77.00	284/6T
AVD600	60.19	62.63	64.50	0.56	12	55.00	22.00	77.00	284/6T

\*DO NOT USE FOR CONSTRUCTION

CONSULT FACTORY FOR CERTIFIED PRINTS