

CADET® Ventilators

Vaneaxial and Centrifugal Models Available with Electric, Gasoline and Air Drive Motors

MODEL CAC

MODEL VAC



MODEL CGM

2.5 HP Gasoline engine with 5' metal flex exhaust hose.



Hazardous Location Models



MODEL VEP
 Vaneaxial Hazardous Location
 Electric or Air Drive

MODEL CEP
 Hazardous Location
 Electric or Air Drive



Ideal for Utility Underground and Light Industrial Confined Space Ventilation

Versatile, rugged ventilators that deliver exceptional airflow in a compact, lightweight design. Noncorrosive polymer housing is virtually indestructible. Ideal for utility underground and light manufacturing confined space ventilation. Available in a variety of models.

FEATURES:

Vaneaxial:

- Patented Convert-a-Bell inlet converts unit from blower to blower/exhauster. 8" Flexible duct can be attached to both inlet and outlet ends (optional on EV models).
- Flame resistant UL94-V2 rated polypropylene housing.
- Glass filled, polyester resin, spark resistant fan blade.
- Available in electric (AC or DC) and compressed air driven models.
- Accommodates 8" flexible duct.
- Optional attachable duct canister (see page 6).
- Optional tripod available (see page 6).

Centrifugal:

- Excellent airflow and pressure performance.
- Flame resistant UL94-V2 polypropylene housing.
- Glass filled, polyester resin spark resistant fan blade.
- Accommodates 8" duct on inlet and outlet ends.
- Fan scroll can be positioned for 45°, 90° and 180° discharge positions.

Hazardous Location:

- Housing and components are constructed of special conductive polymers for safe dissipation of static charges.
- Electric motors meet NEC Class 1, Division 1, Group D; Class II, Division 1, Groups E,F,G
- Available in Vaneaxial and Centrifugal models.
- Electric and compressed air drive models.

CADET® SPECIFICATIONS

Vaneaxial Models and Air Flow Performances

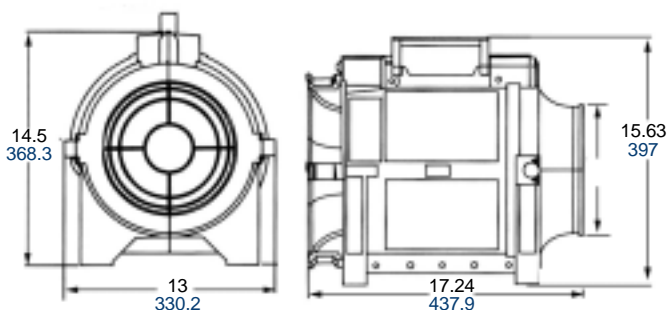
MODEL	DRIVE	MOTOR	HP	WEIGHT (lbs/kg)	FREE AIR cfm (m ³ /hr)	Performance through 90° bend(s) cfm (m ³ /hr)		
						1-90°	2-90°	3-90°
VAC1 <small>UL Listed</small>	Electric-115V/60Hz	TE	1/2	35/16	867/1465	776/1318	766/1301	756/1284
VAC2	Electric-110V/50Hz	TE	1/2	35/16	804/1358	730/1240	720/1223	710/1206
VAC3	Electric-230V/60Hz	TE	1/2	35/16	867/1465	776/1318	766/1301	756/1284
VAC4	Electric-220V/50Hz	TE	1/2	35/16	804/1358	730/1240	720/1223	710/1206
VDC1	Electric-12V/DC	N/A	1/3	35/16	804/1358	730/1240	720/1223	710/1206
EV1 <small>UL Listed</small>	Electric-115V/60Hz	TE	1/4	27/12	1300/2197	730/124	659/1119	602/1023
EV2	Electric-220/50Hz	TE	1/4	27/12	972/1642	615/1044	595/1011	570/968
EV4	12V DC	N/A	1/3	27/12	960/1622	600/1019	580/985	555/943
VEP1	Electric-115V/60Hz	EP	1/2	35/16	867/1465	776/1318	766/1301	756/1284
VEP2	Electric-110V/50Hz	EP	1/2	35/16	804/1358	730/1240	720/1223	710/1206
VEP3	Electric-230V/60Hz	EP	1/2	35/16	867/1465	776/1318	766/1301	756/1284
VEP4	Electric-220V/50Hz	EP	1/2	35/16	804/1358	730/1240	720/1223	710/1206
VAM1	Compressed Air	N/A		32/14	560/946	508/863	501/851	494/839

Centrifugal Models and Air Flow Performances

MODEL	DRIVE	MOTOR	HP	WEIGHT (lbs/kg)	FREE AIR cfm (m ³ /hr)	Performance through 90° bend(s) cfm (m ³ /hr)		
						1-90°	2-90°	3-90°
CAC1	Electric-115V/60Hz	TE	1/2	35/16	1014/1722	860/1461	845/1436	830/1410
CAC2	Electric-110V/50Hz	TE	1/2	35/16	845/1428	717/1218	704/1196	692/1176
CAC3	Electric-230V/60Hz	TE	1/2	35/16	1014/1722	860/1461	845/1436	830/1410
CAC4	Electric-220V/50Hz	TE	1/2	35/16	845/1428	717/1218	704/1196	692/1176
CDC1	Electric-12V/DC	N/A	1/3	35/16	845/1428	717/1218	704/1196	692/1176
CEP1	Electric-115V/60Hz	EP	1/2	35/16	1014/1722	860/1461	845/1436	830/1410
CEP2	Electric-110V/50Hz	EP	1/2	35/16	845/1428	717/1218	704/1196	692/1176
CEP3	Electric-230V/60Hz	EP	1/2	35/16	1014/1722	860/1461	845/1436	830/1410
CEP4	Electric-220V/50Hz	EP	1/2	35/16	845/1428	717/1218	704/1196	692/1176
CAM1	Compressed Air	N/A		32/14	588/993	499/848	490/832	481/817
CGM1	Gasoline	N/A	2.5	42/19	1058/1783	897/1524	882/1504	866/1471

Dimensions (in/mm)

Vaneaxial Models



Centrifugal Models

