

## In-Line Cabinet Ventilator



Low profile, high performance exhaust ventilators designed for residential, commercial, institutional and industrial applications. Factory assembled for horizontal discharge. Constructed of galvanized steel with a removable access panel on the bottom of unit. Hardware and mounting brackets are included.

- Single-speed motors feature thermal overload protection
- Electrical access cover on housing exterior allows easy external wiring
- Spring loaded aluminum backdraft damper eliminates rattling
- Compact size for height-restricted areas

AMCA Air



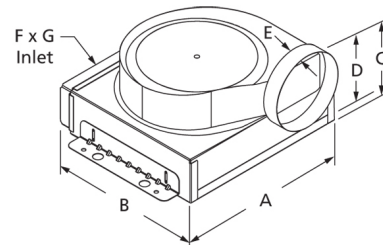
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 507



E19455

CSA Certified Motor



A	B	C	D	E	F
13 7/8 in	11 1/2 in	7 in	6 in	1 1/4 in	10 1/4 in
G					
3 1/4 in					

## Performance Characteristics

No Fan Curve Available.

## Construction Features

<b>Impeller Diameter (Typ.)</b>	30 in
<b>Impeller Type</b>	Propeller
<b>Impeller Material</b>	Steel
<b>Number of Blades</b>	5
<b>Max Inlet Temp</b>	120 °F
<b>Bearing Type</b>	Regreaseable Pillow Block
<b>Drive Package Description</b>	Drives By Others
<b>Warranty Length</b>	1 Year

## Motor Information

<b>Motor Item Number</b>	21DY25
<b>Voltage</b>	115
<b>Hertz (Cycle)</b>	60 Hz
<b>Motor Phase</b>	1
<b>Motor Enclosure</b>	Open Drip Proof
<b>RPM</b>	1,100 rpm
<b>Full Load Amps</b>	2.2

## Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP
3/4	0.90	695	CFM	11,108	9534	7845	—
			Sones	18.0	17.2	18.1	—
1	1.20	765	CFM	12,227	10,765	9434	—
			Sones	21.0	20.0	19.8	—
1 1/2	1.81	876	CFM	14,001	12,739	11,566	10,270
			Sones	25.0	24.0	24.0	26.0
2	2.41	964	CFM	15,408	14,272	13,148	12,089
			Sones	30.0	30.0	30.0	29.0

Performance certified is for installation type D: Ducted inlet, Ducted outlet. Performance ratings include the effects of a backdraft damper. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a spherical free field calculated per AMCA Standard 301. Values shown are for installation type D: Ducted inlet spherical sone levels. Ratings do not include the effects of duct end correction. Ratings are based on 10 Ft. of insulated duct. The AMCA Certified Ratings Seal applies to air performance only.