

# HIGH EFFICIENCY

## AC POWERED VENTURI FANS



# FOGCO



## ENERGY FIT VARIABLE SPEED 12" HLE SNAP-FAN

- Infinitely Variable Speed. 0-10 V or discrete speed operation.
- High efficiency industrial grade Brushless Servo Motor. 100-277 VAC 50/60 Hz.
- Motor made in USA. Water resistant, O-ring seals, IP54.
- Includes liquid tight conduit with 5ft leads.
- 30-70% more efficient than competing fans.
- Control the speed of up to 40 fans with the Snap-Fan speed controller.
- Soft start, thermal roll back and locked rotor protection are standard features.
- Fan speed range and output can be custom configured to fit your application.
- Patented low vibration aerodynamic motor mounting system reduces noise and improves efficiency.
- Glass reinforced polypropylene airfoil blade offers high efficiency, smooth performance and durability.
- Rugged corrosion resistant frame molded to maximize airflow.
- All parts serviceable and/or replaceable.
- 5 year warranty covering parts and labor.



## SNAP-FAN HIGH PERFORMANCE

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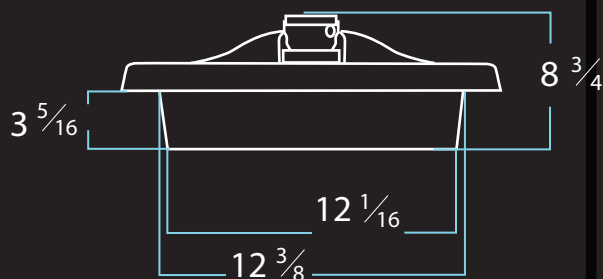
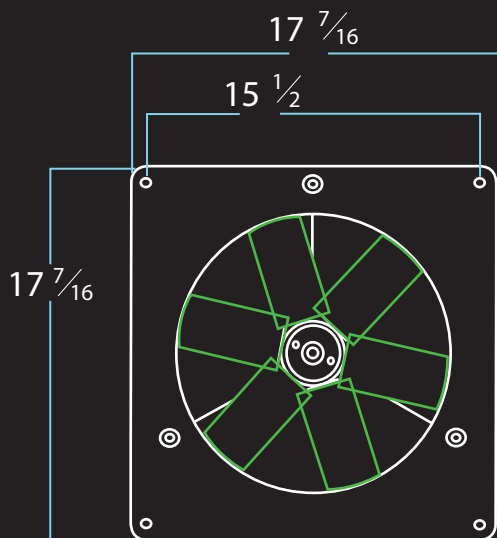


# 12" HLE SNAP-FAN

## Infinitely Variable Speed Control

120 VOLTS AC	STATIC PRESSURE (IN H <sub>2</sub> O)	AIRFLOW (CFM)	RPM	AMPS	WATTS	CFM/WATT
<b>100% DUTY CYCLE</b>	0.00	1555	1800	1.50	112	13.9
	0.05	1500	1796	1.55	116	12.9
	0.10	1452	1793	1.61	120	12.1
<b>80% DUTY CYCLE</b>	0.00	1312	1520	1.00	72	18.2
	0.05	1252	1516	1.02	74	16.9
	0.10	1196	1513	1.03	77	15.5
<b>60% DUTY CYCLE</b>	0.00	1010	1170	0.56	38	26.6
	0.05	933	1166	0.59	39	23.8
	0.10	849	1163	0.60	41	20.9
<b>40% DUTY CYCLE</b>	0.00	691	800	0.27	18	38.4
	0.05	573	796	0.28	17	33.7
	0.08	445	793	0.32	20	22.3
<b>20% DUTY CYCLE</b>	0.00	397	460	0.10	6	66.2
	0.05	359	459	0.11	7	51.3
	0.02	301	458	0.11	7	43.0

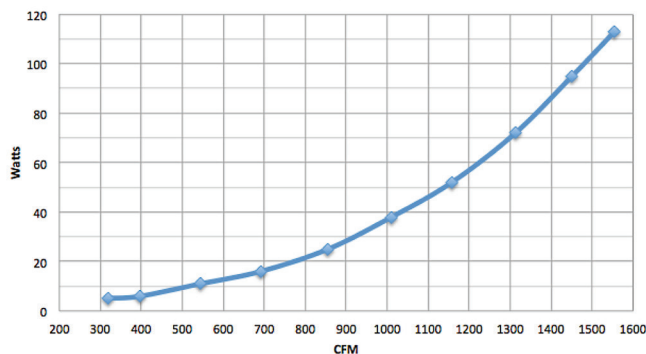
Chart represents five RPM points



ELECTRICAL EQUIPMENT. CHECK WITH LOCAL BUILDING CODES AND YOUR LICENSED CONTRACTOR BEFORE INSTALLING.

**HAND ASSEMBLED IN U.S.A.  
BY FOGCO PATENTED DESIGN**

12" AC HLE Variable Speed Performance



## AC Electronically Commutated Motor Features

- Patented design
- Infinite Variable Speed Control 0-10 volts
- Uses 40% - 60% less energy than PSC motors
- Cooler operating temperatures
- Longer motor life
- 100-277 VAC 50/60 Hz single phase
- Locked rotor, overload, and thermal roll back protection
- Integrated control with sealed construction
- Durable ball bearing construction for long commercial life
- UL & CSA recognized, IP54
- Designed and assembled in the USA