AIR JET FLOW SYSTEM

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ABSTRACT

An electric inline blower-fan type air system device that operates with a fan blade, powered by a magnetic brushless electronic pulse commutation motor provided by dependable polarity protected solid state circuitry. It has a (+) red leadwire terminal in which is equipped with an inline fuse protection, and a (−) black leadwire terminal for ground. The fan includes ball bearings bushing for long life and maximum speed. There is a two part casting, the front exhaust portion in which the fan motor connects to and a rear hallow intake. They are both held together by three bolts fasteners. The fan propeller is polycarbonate black and the housing is cast aluminum with a powder coated black exterior finish.
TO THROTTLE BODY

CUT LINE

FLEX SECTION

TO AIR FILTER

TOP

BOTTOM
AIR JET FLOW SYSTEM

SPECIFICATION

[0001] Size: 5.75" sq x 6.5' deep

[0002] AirFlow: 360 CFM

[0003] Voltage: 12 VDC

[0004] Operating Temperature Range: -10° C to +70° C

[0005] Storage Temperature Range: -40° C to +85° C

[0006] Ball Bearings

[0007] 12' Leadwires, 22 AWG, or Terminals

[0008] Weight: 3.5 lbs.

[0009] Watts: 34.8

[0010] Running Current (Amps): 2.9

[0011] RPM: 3400

[0012] Air Pressure: 0.25 Lb.

KIT FEATURES & INCLUDES

[0013] 1. 7.5 AMP Fuse

[0014] 2. Ball Bearings

[0015] 3. Sleeve Bearings

[0016] 4. Tachometer Output

[0017] 5. Thermal Speed Control

[0018] 6. Programmable Speed Control

[0019] 7. Performance Sensor

[0020] 8. (2) Hose Clamps


MOTOR

[0022] Brushless Electronic Commutation Provided By Dependable Solid State Circuitry

[0023] Ball Bearings

[0024] 100% Dielectric Tested

[0025] Electronic Locked Rotor Protection

[0026] Polarity Protected

CONSTRUCTION

[0027] Venturi—Die Cast Aluminum, Black

[0028] Propeller—Polycarbonate, Black, UL94V-0

LIFE EXPECTANCY

[0029] L10 Data-62,000 hrs, @50° C.