N



Parallel Fan Powered Terminals

PFB

- Two casing sizes ease in design layout
- · Pressure independent primary airflow control
- AeroCross[™] multi-point, center averaging inlet velocity sensor
- · Primary airflow balancing connections
- Adjustments are easily accessible through ceiling opening
- Ultra high efficiency, brushless DC ECM motor with a unique microprocessor based motor controller.
- Manual PWM controller allows simple screwdriver adjustment of fan speed.
- Remote PWM controller allows for a 0-10 V signal from the DDC controller to adjust the fan speed.
- Single point electrical, pneumatic main, and thermostat connections
- Dual density insulation, coated to prevent air erosion, meets requirements of NFPA 90A and UL 181
- 20 gauge, galvanized steel casing with leak resistant construction



PFB

- Rectangular discharge opening is designed for flanged duct connections
- · Bottom access panel can be removed for service



energy solutions



See website for Specifications

CONTROLS:

Pneumatic Control Analog Control Digital Control

OVERVIEW

Parallel Flow

In a Parallel Flow terminal, the fan is outside the primary airstream and runs intermittently, when the primary air is off. Parallel flow or variable volume Fan Powered terminals operate in two distinct modes: variable volume, constant temperature when handling high cooling loads; and constant volume, variable temperature when heating or handling light cooling loads.