



## FAN CONTROLS ZPR-2

Constant Pressure Fan Controller (P/N 28 655)


PRODUCT  
SPECIFICATIONS  
& TECHNICAL  
DATA



### DESCRIPTION

The American ALDES ZPR-2 Zone Pressure Regulator is a compact, TRIAC-based fan and motor control designed for HVAC, electronics, and industrial controls markets. The ZPR-2 can automatically control most single-phase AC fans and motors used in exhaust ventilators, duct fans, and blowers. The ZPR-2 regulates motor speed from a pressure transducer or flow transducer. It has automatic voltage and frequency detection and current ratings up to 7.5A. The 6" x 11" job-box mount makes this microprocessor-based design extremely flexible and economical. The benefits of using the ZPR-2 include acoustical noise reduction, pressure or flow regulation, greater system reliability, increased fan life, improved safety, and energy savings.

## Features & Functions

- Controls fan/motor speed based on on-board pressure transducer
- Power source: 95-250VAC, automatically detected
- Frequency: 47-64Hz, automatically detected
- Fan On/Off threshold selectable by DIP switch
- AC Motor Type Compatibility: PSC or Shaded Pole, automatically detected
- Full voltage start pulse
-  **UL** recognized to UL508, CSA-C22.2, File E100344
- Current ratings: 2.5A to 7.5A (at 40°C still air)
- Connections: 18 AWG wires
- 10 selectable pressure settings
- Selectable idle speeds

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