

INTEGRATED STATIC PRESSURE CONTROLLER

SUBMITTAL



Stand Alone Electronic Integrated Static Pressure Control (IPC)

DESCRIPTION

The **Stand Alone Integrated Static Pressure Controller** is used to control static pressure in zoned systems. The Electronic Static Pressure Control is adjustable, controlling a modulating bypass damper to maintain static pressure as zone dampers modulate. The bypass system reduces air noise from the supply outlets caused by excessive air velocity.

When the system is satisfied, the bypass damper will remain 25% open, if intermittent fan is used. On systems utilizing continuous fan operation, bypass will modulate based on system static. Bypass controller is adjustable to maintain static pressure range from 0.1" – 1.2" W.C. The Integrated Static Pressure Control (IPC) includes a quick start option or may be field adjusted to specified static pressure.

The Zonex Systems IPC is designed to integrate with Zonex Systems ST series dampers and for use on retrofit zoning applications, with Zonex Systems 101AHDM actuators.

IPC Controller may be mounted directly on bypass damper, or adjacent to bypass damper. **IPC** controller requires an independent 24vac to power bypass damper actuator.

TECHNICAL DATA

Electrical:

Supply Voltage: 24vac

Power consumption: N/A

Input:

- 24vac

Outputs:

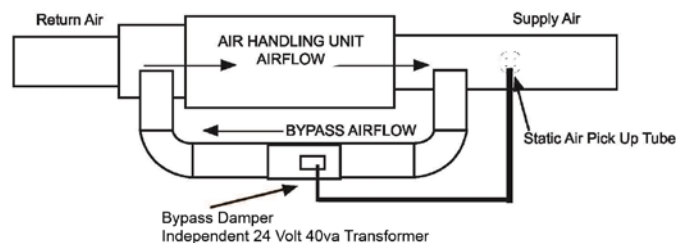
- 24vac (Run open)
- 24vac (Run closed)

General:

Range: 0.1" – 1.2" w.c.

Dimensions: 1" H x 4 1/2" W x 5" D

SENSOR LOCATION



Rev 1/13/14