### NOTES:
- INTERNAL INSULATION FIBERGLASS (1/2" (13mm))THICK 1.5# DENSITY WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- DIGITAL CONTROLS BY CONTROL CONTRACTOR.
- MULTI-POINT AIRFLOW SENSOR SUPPLIED BY PRICE.

### OPTIONS:
- NEMA1 CONTROLS ENCLOSURE
- DISCONNECT SWITCH
- 20ga OUTER CASING
- RS - BOTTOM REMOVABLE SENSOR
- OVERSIZED CASING - REFER TO SUBMITTAL 260234
- GT - BRASS AIRFLOW SENSOR GAUGE TAPS
- CB - CONTROL DAMPER SHAFT ORIENTED TOWARD THE BOTTOM OF THE HOUSING - REFER TO SUBMITTAL 264379
- CT - CONTROL DAMPER SHAFT ORIENTED TOWARD THE TOP OF THE HOUSING - REFER TO SUBMITTAL 264379

### LINERS AND CONSTRUCTION OPTIONS:
- FG75
- FG1
- FB
- FB1
- Craf
- FF
- PM
- SM
- LTAF
- LTFF
- FF1
- PM1
- SM1
- LL
- Craf1
- FF50
- WFP
- AFPM
- AFPM1
- CRWF

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

### PROJECT:

**SDV5000**

SINGLE DUCT TERMINAL VARIABLE VOLUME DIGITAL CONTROL

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:** 2014/12/18
### Table

<table>
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<tr>
<th>UNIT SIZE</th>
<th>MAX L/S</th>
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### Notes
- INTERNAL INSULATION - FIBERGLASS ½" (13mm) THICK, 1.5# DENSITY WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GA. ZINC COATED STEEL HOUSING, MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND
- DIGITAL CONTROLS BY CONTROL CONTRACTOR. DRIVE CLEAT DUCT CONNECTION.

### Options
- CONTROLS ENCLOSURE
- DISCONNECT SWITCH
- 20ga OUTER CASING
- GT - BRASS AIRFLOW SENSOR GAUGE TAPS

### Liners and Construction Options
- FG75
- FG1
- APM
- FF
- PM
- APM1
- FF1
- PM1
- CRWF
- FF50
- Craf
- Craf1
- Wfpm
- LL
- FB
- SM
- SM1
- FB1

### Project Information
- PROJECT: SDV5000
- SINGLE DUCT TERMINAL
- 24x16 VARIABLE VOLUME
- DIGITAL CONTROL

### Submittal Information
- SPEC. SYMBOL: 229735
- 2014/12/18
**NOTES:**
- INTERNAL INSULATION – FIBERGLASS ½" (13mm) THICK, MIN. 1.5# DENSITY WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22GA. ZINC COATED STEEL HOUSING, MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- CONTROL ASSEMBLY WILL BE SUPPLIED AS ILLUSTRATED ON RIGHT HAND SIDE UNLESS SPECIFIED OTHERWISE.
- LINE VOLTAGE MUST NOT EXCEED 277VAC.

**SDV8000 INCLUDES:**
- MULTI-POINT AIRFLOW SENSOR SUPPLIED BY PRICE
- PRICE CONTROLS FACTORY MOUNTED.
- PRICE THERMOSTAT FIELD MOUNTED.

**OPTIONS:**
- DISCONNECT SWITCH
- 20ga OUTER CASING
- RS – BOTTOM REMOVABLE SENSOR
- OVERSIZED CASING – REFER TO SUBMITTAL 260234
- CB – CONTROL DAMPER SHAFT ORIENTED TO THE BOTTOM OF THE HOUSING – REFER TO SUBMITTAL 264379

**LINERS AND CONSTRUCTION OPTIONS:**
- FG75
- FG1
- SM
- FF
- FF1
- SM1
- FF50
- WPFM
- CRWF
- AFPM
- AFPM1
- LTAF
- LTFF
- LL
- FB
- FB1
- CRAF
- PM
- PM1
- CRAF1

---

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

240359

2014/12/18

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**REV Q**
NOTE:
- INTERNAL INSULATION - FIBERGLASS 1/2" (13mm) THICK, MIN. 1.5# DENSITY WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- PRICE CONTROLS FACTORY MOUNTED.
- PRICE THERMOSTAT FIELD MOUNTED.

## Specifications

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<th>UNIT SIZE</th>
<th>MAX L/S</th>
<th>MAX CFM</th>
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### Dimensions

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### Notes
- INTERNAL INSULATION - FIBERGLASS 1/2" (13mm) THICK, MIN. 1.5# DENSITY WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- PRICE CONTROLS FACTORY MOUNTED.
- PRICE THERMOSTAT FIELD MOUNTED.

## Options
- DISCONNECT SWITCH
- 20ga OUTER CASING
- TB - TOP & BOTTOM ACCESS DOORS

### Liners and Construction Options
- FG75
- FF
- FF50
- CRWF
- AFPM
- AFPM1
- SM
- SM1
- PM
- PM1
- FB
- FB1
- CRAF
- CRAF1
- LL
- WPFM

## Project Information

**SDV8000**
SINGLE DUCT TERMINAL
24x16 VARIABLE VOLUME
PRICE CONTROLS

**Spec. Symbol:**
240365

**Submittal Date:**
2014/12/18

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**REV N**
### Table: Multi-Point Sensor Specifications

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<th>Unit Size</th>
<th>Max L/S</th>
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**Notes:**
- Internal insulation - fiberglass ½" (13mm) thick min 1.5# density which meets requirements of NFPA 90A and UL181.
- 22 ga. zinc coated steel housing, mechanically sealed and gasketed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Actuator will be supplied as illustrated on right hand side unless specified otherwise.
- Gauge taps are standard.
- Pneumatic actuator supplied & mounted by price.
- Clean, dry, 20 psi (138 kPa) control air required.
- Minimum air volume is zero (shutdown).
- Specify the actuator spring range to accommodate the thermostat control range and to sequence with any control components as supplied by others.

**Options:**
- Other pneumatic actuators supplied & mounted by price.
- Pneumatic actuator supplied by control contractor & mounted by price.
- RS - Bottom removable sensor
- 20ga outer casing
- Oversized casing - refer to submittal 260234
- CB - Control damper shaft oriented to the bottom of the housing - refer to submittal 264379

**Liners and construction options:**
- FG75  FG1  FB  FB1
- FF  PM  SM
- FF1  PM1  SM1
- FF50  WFPM  AFPM  AFPM1
- Craf  Craf1  Crf  LL

**Project:**

**Engineer:**

**Customer:**

**Submittal Date:**

**Spec. Symbol:**

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</table>

**NOTES:**
- INTERNAL INSULATION - FIBERGLASS 1/2" (12mm) THICK MIN. 1.5# DENSITY WHICH MEETS REQUIREMENTS OF NFPA 60A AND UL 181.
- 22 GA. ZINC COATED STEEL HOUSING, MECHANICALLY SEALED AND GASKE TED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- CONTROL ASSEMBLY WILL BE SUPPLIED AS ILLUSTRATED ON RIGHT HAND SIDE UNLESS SPECIFIED OTHERWISE.
- GAUGE TAPS ARE STANDARD.
- PNEUMATIC ACTUATOR SUPPLIED & MOUNTED BY PRICE.
- CLEAN, DRY, 20 PSI (138 KPA) CONTROL AIR REQUIRED.

**OPTIONS:**
- OTHER PNEUMATIC ACTUATORS SUPPLIED & MOUNTED BY PRICE.
- PNEUMATIC ACTUATOR SUPPLIED BY CONTROL CONTRACTOR & MOUNTED BY PRICE.
- PROTECTIVE CONTROLLER COVER.
- RS - BOTTOM REMOVABLE SENSOR
- 20ga OUTER CASING
- OVERSIZED CASING - REFER TO SUBMITTAL 260234
- CB - CONTROL DAMPER SHAFT ORIENTED TO THE BOTTOM OF THE HOUSING - REFER TO SUBMITTAL 264379

**LINERS AND CONSTRUCTION OPTIONS:**
- FG75
- FG1
- FB
- FB1
- FF
- PM
- SM
- FF1
- PM1
- SM1
- FF50
- WFM
- AFPM
- AFPM1
- CRAF
- CRAF1
- CRW
- LL

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**
### Multi-Point Sensor C/W Gauge Taps

- **optional removable protective controller cover**

### Dimensions

<table>
<thead>
<tr>
<th>Unit Size</th>
<th>Max L/S</th>
<th>Max CFM</th>
<th>S.I. Units mm</th>
<th>Imperial Units Inches</th>
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### Notes:
- Internal insulation - fiberglass 1/8 (13mm) thick, MIN. 1.5# density which meets requirements of NFPA 90A and UL181.
- 22 ga. zinc coated steel housing, mechanically sealed and gasketed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Control assembly will be supplied as illustrated on right hand side unless specified otherwise.
- Gauge taps are standard.
- Pneumatic actuator supplied & mounted by Price.
- Clean, dry, 20 psi (138 kPa) control air required.

### Options:
- Protective controller cover
- 20ga outer casing

### Actuator Options:
- Other pneumatic actuators supplied & mounted by Price
- Pneumatic actuator supplied by control contractor & mounted by Price

### Project:

**SPV8000**

**Single Duct Terminal**

24x16 Variable Volume

Pneumatic Control

Pressure Independent

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**Engineer:**

**Customer:**

**Submittal Date:** 2007/03/15

**Spec. Symbol:** 222828

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Rev S