**Discharge Attenuator Section (ATT or ATT5)**

Provided as an integral extension to size 4-18 Single Duct Terminals.
(Separate Attenuator Construction is Available and Code ATTSP, ATT5SP)

See Page 2 for various arrangements.

**Adaptor Coupling Section (ACS)**

1. Required for size 4,5,8,6 terminal to accept a size 8 MOA for DAS.
2. Allows outlet sizes up to the dimensional limit of a standard size 8 MOA.
3. Installed height will be covered by the size 8 MOA.
4. See dimensions table for maximum outlet size available for standard size MOA sections.

**Multi-Outlet Attenuator Section (MOA, MOAS)**

3 ft. or 5 ft.

**MOA Outlets**

Size of outlets on MOA not to exceed the limits listed below.

<table>
<thead>
<tr>
<th>Unit Size</th>
<th>Max Outlet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,5,6</td>
<td>6&quot; (152)</td>
</tr>
<tr>
<td>7,8</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>9,10</td>
<td>10&quot; (254)</td>
</tr>
<tr>
<td>12</td>
<td>12&quot; (305)</td>
</tr>
</tbody>
</table>

**General Notes:**

- For water reheat coil assembly.
- Section details and dimensions see submittals 200911 and 200920.

**Options:**

- Liners and construction options:
  - FG75
  - FG1
  - FB
  - FB1
  - FF
  - PM
  - SM
  - FF1
  - PM1
  - SM1
  - FF50
  - WIPM
  - APFM
  - CRWF
  - LTA
  - LTFF
  - CRAF
  - CRAF1

**Project:**

**Engineer:**

**Customer:**

**Submittal Date:**

**Spec. Symbol:**

**Accessories for Single Duct Terminal Units**

217500

2005/01/01
### Submittal Sheet

**NOTES:**

1. FABRICATED FROM 22 GA. GALVANIZED STEEL MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.

2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.

3. REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR AIR VOLUMES AND REHEAT COIL CAPACITIES.

4. METHOD OF VENTING REHEAT COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.

5. HAND OF WATER COIL CONNECTIONS IS DETERMINED WHEN VIEWED FROM AIR INLET SIDE WITH ACCESS DOOR ON BOTTOM. RIGHT HAND COIL CONNECTION ILLUSTRATED ABOVE.

6. ALLOW 1 1/2" (38) MINIMUM CLEARANCE FOR INSTALLATION AT THIS END.

7. CONFIGURATION OF COIL CONNECTION VARIES WITH SIZE & CIRCUITRY OF COIL.

8. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF ARI STANDARD 410.

9. STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.

10. IT IS NOT RECOMMENDED TO REVERSE 3 & 4 ROW COILS. INDICATE HANDING WHILE ORDERING.

### OPTIONS:

- HC (HIGH CAPACITY) WATER COIL

**HIGH CAPACITY COIL SUPPLIED WITH 12 FINS PER INCH. 1 AND 2 ROW COILS AVAILABLE.**

### PROJECT:

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

200911

2012/04/20

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SINGLE DUCT TERMINAL
WITH WATER COIL AND
COIL ACCESS DOOR

NOT INSULATED

INSULATED
BOTTOM ACCESS DOOR

AD - COIL ACCESS DOOR
W/SCREWS
4"(102) x 6 3/4"(171)

ADL - COIL ACCESS DOOR
W/SNAP LATCHES
4"(102) x 6 3/4"(171)

ADQ - COIL ACCESS DOOR
W/QUARTER TURN SASH LATCHES
4"(102) x 6 3/4"(171)

NOTES:
1. BOTTOM ACCESS DOOR FOR INSPECTION AND MAINTENANCE OF COIL IS FEATURED.
   (SEE OPTIONS FOR SPECIFIC LOCATION AND FASTENERS).
2. 3/4" (19) THICK, 22 GA GALVANIZED STEEL CONSTRUCTION, INTERNALLY INSULATED.
3. DUAL WALL CONSTRUCTION (NOT PROVIDED FOR FF LINERS).
4. GASKETED PERIMETER & 4 SCREWS PROVIDED AS STANDARD CONSTRUCTION.

OPTIONS:
- TB - TOP & BOTTOM ACCESS DOORS

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

PROJECT: HOT WATER COILS

ENGINEER: R6
CUSTOMER: SINGLE DUCT TERMINALS WITH COIL ACCESS DOORS
SUBMITTAL DATE: 200911
SPEC. SYMBOL: 2011/06/27

© Copyright E.H.PRICE LIMITED 2011
SINGLE DUCT TERMINAL WITH WATER COIL AND DUAL COIL ACCESS DOORS

NOTES:
1. BOTTOM ACCESS DOOR FOR INSPECTION AND MAINTENANCE OF COIL IS FEATURED. (SEE OPTIONS FOR SPECIFIC LOCATION AND FASTENERS).
2. 3/4” (19) THICK, 22 GA GALVANIZED STEEL CONSTRUCTION, INTERNALLY INSULATED.
3. DUAL WALL CONSTRUCTION (NOT PROVIDED FOR FF LINERS).
4. GASKETED PERIMETER & 4 SCREWS PROVIDED AS STANDARD CONSTRUCTION.
5. DOWNSTREAM COIL ACCESS DOOR NOT INSULATED.

OPTIONS:
□ TB - TOP & BOTTOM ACCESS DOORS

All metric dimensions ( ) are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
WATER COIL REPLACEMENT
WITH COIL ACCESS DOOR

HOUSING & ACCESS DOOR
NOT INSULATED

9" (229)

CAD - COIL ACCESS DOOR
W/SCREWS
4" (102) x 6 3/4" (171)

CADL - COIL ACCESS DOOR
W/SNAP LATCHES
4" (102) x 6 3/4" (171)

NOTES:
1. BOTTOM ACCESS DOOR FOR INSPECTION AND MAINTENANCE OF COIL IS FEATURED.
2. 22G GA GALVANIZED STEEL CONSTRUCTION.
3. GASKETED PERIMETER & 4 SCREWS PROVIDED AS STANDARD CONSTRUCTION.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
### STANDARD COIL FEATURES:
- Automatic reset thermal cutout
- Manual reset thermal cutout
- Low watt density elements, high grade nickel-chrome alloy
- Pneumatic electric switch
- Air flow switch
- Hinged access door
- Magnetic contactors
- Single point electrical connection
- Refer to submitted control diagrams for standard control components to be supplied.

### OPTIONAL COIL FEATURES:
- Control circuit fuses
- Door interlock disconnect switch
- Mercury contactors
- Main supply fuses
- Heater section insulated (FF not available)
- SCR controls
- SCR-DAT controls
- SCR Controls
- 0 to 10 Vdc control signal
- 4 to 20 mA control signal
- 24 VAC pulse control

### OPTIONAL DUCT LINERS AND CONSTRUCTION:
- FG75
- FG1
- CRAF
- CRAF1
- PM
- SM
- SM1
- APM
- APM1
- P1
- FF
- FF1
- FF50
- FB
- FB1
- CRWF
- WPM

### SUPPLY VOLTAGE:
- 120/10
- 208/10 (2 wire)
- 480/3 (3 wire)
- 600/3 (3 or 4 wire)
- 240/10
- 277/10
- 347/10
- 480/10

---

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

---

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SPV8000

INTEGRAL ELECTRIC REHEAT

SIZE 4 TO 16 ASSEMBLY

PNEUMATIC CONTROLS

237028

2015/10/06

SHEET 1 OF 2 REV T
STANDARD COIL FEATURES:
- AUTOMATIC RESET THERMAL CUTOUT
- MANUAL RESET THERMAL CUTOUT
- LOW WATT DENSITY ELEMENTS, HIGH GRADE NICKEL-CHROME ALLOY
- PNEUMATIC ELECTRIC SWITCH
- MAGNETIC CONTACTORS

SEE CATALOGUE FOR DETAILED AIR FLOW RANGE AND HEATING CAPACITY.

NOTES:
- INTERNAL INSULATION = FIBERGLASS ½" (13) THICK, MIN. 1.5# DENSITY, WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- ZINC COATED STEEL 22 GA. TERMINAL & 20 GA. HEATER, MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENINGS HAVE SLIP & DRIVE CLEAT DUCT CONNECTIONS.
- CONTROL ASSEMBLY WILL BE SUPPLIED AS ILLUSTRATED ON RIGHT HAND SIDE UNLESS SPECIFIED OTHERWISE.
- PRESSURE INDEPENDENT.
- CLEAN, DRY, 20 PSI (138 KPa) CONTROL AIR REQUIRED.
- CONTROLS SUPPLIED AND MOUNTED BY PRICE.
- FOR ACCESSORIES SEE SUBMITTAL DRAWINGS.
- SCR CONTROLS OVER 25 AMPS 3Ø USE 19" (483) CONTROL BOX.
- *FOR SCR OPTION WITH PNEUMATIC CONTROL SIGNAL CONTACT PRICE.
- ASSEMBLY ETL CERTIFIED TO UL1995 & CSA22.6.

OPTIONS:
- ☐ PROTECTIVE CONTROL SHROUD.
- ☐ 20ga OUTER CASING

PROJECT:

ENGINEER: [Signature]

CUSTOMER: [Signature]

SUBMITTAL DATE: 2015/10/06

SPEC. SYMBOL: SPV8000

INTEGRAL ELECTRIC REHEAT SIZE 24 x 16 ASSEMBLY PNEUMATIC CONTROLS

© Copyright PRICE INDUSTRIES 2015
### UNIT SIZE OUTLET INLET CONTROL BOX

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<th>UNIT SIZE</th>
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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<td>9(229)</td>
<td>12(305)</td>
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</tr>
<tr>
<td>10</td>
<td></td>
<td>10 (254)</td>
<td>12(305)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>16 (406)</td>
<td>15 (381)</td>
<td>12(305)</td>
<td>17(432)</td>
<td>1(25)</td>
</tr>
<tr>
<td>14</td>
<td>20 (508)</td>
<td>17½ (445)</td>
<td>14(356)</td>
<td>17(432)</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>24(610)</td>
<td>18 (457)</td>
<td>16(406)</td>
<td>17(432)</td>
<td></td>
</tr>
</tbody>
</table>

**SEE CATALOGUE FOR DETAILED CFM RANGE AND HEATING CAPACITY.**

**CONTROL BOX WITHIN THE HEIGHT OF THE TERMINAL UNIT.**

**6’ DIAMETER DUCT WITH 4” OR 5” REDUCER.**

**NOTES:**

- INTERNAL INSULATION — FIBERGLASS ½” (12) THICK, MIN. 1.5# DENSITY, WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- ZINC COATED STEEL 22GA. TERMINAL & 20 GA. HEATER, MECHANICALLY SEALED AND GASKETED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENINGS HAVE SLIP & DRIVE CLEAT DUCT CONNECTIONS.
- CONTROL ASSEMBLY WILL BE SUPPLIED AS ILLUSTRATED ON RIGHT HAND SIDE UNLESS SPECIFIED OTHERWISE.
- DIGITAL CONTROLS SUPPLIED BY CONTROLS CONTRACTOR.
- FOR ACCESSORIES SEE SUBMITTAL DRAWINGS.
- SCR CONTROLS OVER 25 AMPS 3Ø USE 19” (483) CONTROL BOX.

**ASSEMBLY ETL CERTIFIED TO UL1995 & CSA2.36.**

**OPTIONS:**
- CONTROLS ENCLOSURE
- 20ga OUTER CASING
- RS - BOTTOM REMOVABLE SENSOR

---

**STANDARD COIL FEATURES:**

- AUTOMATIC RESET THERMAL CUTOUT
- MANUAL RESET THERMAL CUTOUT
- LOW WATT DENSITY ELEMENTS, HIGH GRADE NICKEL–CHROME ALLOY
- MAGNETIC CONTACTORS
- AIR FLOW SWITCH
- 24VAC/50VAC CLASS 2 TRANSFORMER
- HINGED ACCESS DOOR
- SINGLE POINT ELECTRICAL CONNECTION
- REFER TO SUBMITTED CONTROL DIAGRAMS FOR STANDARD CONTROL COMPONENTS TO BE SUPPLIED.

**OPTIONAL COIL FEATURES:**

- CONTROL CIRCUIT FUSES
- DOOR INTERLOCK DISCONNECT SWITCH
- MERCURY CONTACTORS
- MAIN SUPPLY FUSES
- HEATER SECTION INSULATED (FF NOT AVAILABLE)
- SCR CONTROLS SCR-DAT CONTROLS
  - 0 to 10 Vdc CONTROL SIGNAL
  - 4 to 20 mA CONTROL SIGNAL

**OPTIONAL DUCT LINERS AND CONSTRUCTION:**

- F075 F01
- SM SM1 AFPM AFPM1 CRWF
- FF FF1 CRAF CRAF1 PM PM1
- FF50 FB FB1 WFPM

**SUPPLY VOLTAGE:**

- 120/10
- 208/10 (2 WIRE) 480/3Ø (3 WIRE)
- 208/3Ø (3 WIRE) 600/3Ø (3 OR 4 WIRE)
- 240/10
- 277/10
- 347/10
- 480/10
**STANDARD Coil FEATURES:**
- Automatic Reset Thermal Cutout
- Manual Reset Thermal Cutout
- Low Watt Density Elements, High Grade Nickel-Chrome Alloy
- Magnetic Contactors
- Air Flow Switch

SEE CATALOGUE FOR DETAILED CFM RANGE AND HEATING CAPACITY.

**NOTES:**
- Internal Insulation - Fiberglass \( \frac{1}{2} \) (13) Thick, Min. 1.5 Density, Which Meets Requirements of NFPA 90A and UL181.
- Zinc Coated Steel 22 GA. Terminal & 20 GA. Heater, Mechanically Sealed and Gasketed, Leak Resistant Construction.
- Rectangular Discharge Openings Have Slip & Drive Cleat Duct Connections.
- Control Assembly Will Be Supplied As Illustrated On Right Hand Side Unless Specified Otherwise.
- Digital Controls Supplied By Controls Contractor.
- For Accessories See Submittal Drawings.
- SCR Controls Over 25 AMP 36 Use 19" (483) Control Box.
- Assembly ETL Certified To UL1995 & CSA236.

**OPTIONAL COIL FEATURES:**
- Refer to Submitted Control Diagrams For Standard Control Components To Be Supplied.
- 24VAC/50VA Class 2 Transformer
- Hinged Access Door
- Single Point Electrical Connection

**OPTIONAL DUCT LINERS AND CONSTRUCTION:**
- FG75  FG1  AFPM  AFPM1  CRWF
- SM  SM1  CRAF  CRAF1  PM  PM1
- FF  FF1  FF50  FB  FB1  WFPM

**Supply Voltage:**
- 120/180 V
- 480/330 V (3 WIRE)
- 208/180 V (3 WIRE) 600/330 V (3 OR 4 WIRE)
- 208/330 V (3 WIRE)
- 240/180 V
- 277/180 V
- 347/180 V
- 480/180 V

**OPTIONS:**
- Controls Enclosure
- 20ga Outer Casing

__PROJECT__:

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

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### Standard Coil Features:
- Automatic Reset Thermal Cutout
- Manual Reset Thermal Cutout
- Low Watt Density Elements, High Grade Nickel-Chrome Alloy
- Magnetic Contactors
- Air Flow Switch
- 24Vac/50Vac Class 2 Transformer
- Hinged Access Door
- Single Point Electrical Connection
- Refer to Submitted Control Diagrams for standard control components to be supplied.

### Optional Coil Features:
- Control Circuit Fuses
- Door Interlock Disconnect Switch
- Mercury Contactors
- Main Supply Fuses
- Heat Section Insulated (FF Not Available)
- SCR Controls
- SCR-Dat Controls
- 0 to 10 Vdc Control Signal
- 4 to 20 mA Control Signal

### Optional Duct Liners and Construction:
- FC75
- FG
- SM
- SM1
- AFPM
- AFPM1
- FF
- FF1
- EFRAF
- CR1AF
- CRWF
- PM
- PM1
- FF50
- WFRM

### Supply Voltage:
- FB
- FB1
- 120V/120
- 208/120 (2 wire)
- 480/3ph (3 wire)
- 208/277 (3 wire)
- 600/3ph (3 or 4 wire)
- 480V/480
- 240/120
- 277/120
- 347/120
- 480/120

### Options:
- RS - Bottom Removable Sensor
- 20ga Outer Casing

---

**Notes:**
- Internal insulation - Fiberglass 1/2" (13) thick, Min. 1.5#/density, which meets requirements of NFPA 90A and UL181.
- Zinc coated steel 22ga. Terminal & 20 ga. heater, mechanically sealed and gasketed, leak resistant construction.
- Rectangular discharge openings have slip & drive cleat duct connections.
- Control assembly will be supplied as illustrated on right hand side unless specified otherwise.
- For accessories see Submittal Drawings.
- SCR controls over 25 amps 3ph use 19" (483) control box.
- Assembly ETL certified to UL1995 & CSA236.
- Price controls factory mounted.
- Price thermostat field mounted.

---

**All Metric Dimensions ( ) are soft converted. Imperial Dimensions are converted to metric and rounded to the nearest millimeter.**

### Project:

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**Engineer:**

---

**Customer:**

---

**Submittal Date:** 2015/10/06

---

**Spec. Symbol:** 240375

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**Price Controls**

---

**SDV8000 Integral Electric Reheat Size 4 to 16 Assembly**

---

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**Sheet 1 of 2**

---

**Rev 0**
STANDARD COIL FEATURES:
- Automatic reset thermal cutout
- Manual reset thermal cutout
- Low watt density elements, high grade nickel-chrome alloy
- Magnetic contactors
- Air flow switch

SEE CATALOGUE FOR DETAILED CFM RANGE AND HEATING CAPACITY.

NOTES:
- Internal insulation – fiberglass 1/8" (13) thick, min. 1.5# density which meets requirements of NFPA 90A and UL181.
- Zinc coated steel 22ga terminal & 20 ga. heater, mechanically sealed and gasketed, leak resistant construction.
- Rectangular discharge openings have slip & drive cleat duct connections.
- Control assembly will be supplied as illustrated on right hand side unless specified otherwise.
- For accessories see submittal drawings.
- SCR controls over 25 amp 3Ø use 19" (483) control box.
- Assembly ETL certified to UL1995 & CSA235.
- Price controls factory mounted.
- Price thermostat field mounted.

OPTIONAL COIL FEATURES:
- 24VAC/50VA CLASS 2 TRANSFORMER
- Hinged access door
- Single point electrical connection
- Refer to submitted control diagrams for standard control components to be supplied.

OPTIONAL DUCT LINERS AND CONSTRUCTION:
- FG75  FG1
- SM  SM1  AFPM  AFPM1
- FF  FF1  CRAF  CRAF1  CRWF
- PM  PM1  FF50  WPFW
- 20ga outer casing  FB  FB1

SUPPLY VOLTAGE:
- 120/1Ø
- 208/1Ø (3 WIRE)  480/3Ø (3 WIRE)
- 208/3Ø (3 WIRE)  600/3Ø (3 OR 4 WIRE)
- 240/1Ø
- 277/1Ø
- 347/1Ø
- 480/1Ø

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

PROJECT:  

ENGINEER:  
CUSTOMER:  
SUBMITTAL DATE:  SPEC. SYMBOL:  

© Copyright PRICE INDUSTRIES 2016
SINGLE DUCT WITH BOTTOM ACCESS DOOR

4" x 6\frac{5}{8}" (102 x 171) ACCESS DOOR WITH SCREWS

GASKET

METAL COVER
(NOT INCLUDED WITH FF LINER)

INSULATION

ACCESS DOOR

FASTENING OPTIONS:

SNAP LATCH DETAIL
☐ ADL

1/4 TURN SASH LATCHES
☐ ADQ

ACCESS DOOR NOTES:

1. 3/4" (19) THICK, 22 GA GALVANIZED STEEL CONSTRUCTION, INTERNALLY INSULATED.
2. DUAL WALL CONSTRUCTION (NOT PROVIDED FOR FF LINERS).
3. GASKETED PERIMETER & 4 SCREWS PROVIDED AS STANDARD CONSTRUCTION.

OPTIONS:

☐ TB - TOP & BOTTOM ACCESS DOORS.

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

PROJECT:  

ENGINEER:  
CUSTOMER:  
SUBMITTAL DATE:  
SPEC. SYMBOL:  

SINGLE DUCT  
ACCESS DOOR  
AD

256538  
2011/06/17 

REV A  
© Copyright E.H.Price Limited 2011
NOTES:

- THE OVERSIZED CASING OPTION UTILIZES A CASING ONE UNIT SIZE LARGER THAN THE STANDARD UNIT.
- ACCESSORIES SUCH AS WATER COILS, ATTENUATORS AND MOA WILL CORRESPOND TO THE LARGER CASING SIZE.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
DISCHARGE ATTENUATOR SECTION (ATT or ATT5)
Provided as an integral extension to size 4-16 single duct terminals
(Separate attenuator construction is available and coded ATTSP, ATT5SP)

ATT: L = 35 13/16 (910)  ATT5: L = CASING LENGTH + 59" (1499)

ROUND DISCHARGE COLLAR (RDC)

MOA OUTLETS
Size of outlets on MOA not to exceed the limits listed below.

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>MAX OUTLET SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSG8</td>
<td>8&quot; (203)</td>
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<tr>
<td>HSG10</td>
<td>10&quot; (254)</td>
</tr>
<tr>
<td>HSG12</td>
<td>12&quot; (305)</td>
</tr>
<tr>
<td>HSG14, HSG16</td>
<td>16&quot; (406)</td>
</tr>
</tbody>
</table>

MULTI-OUTLET ATTENUATOR SECTION (MOA, MOAS)
3 FT. OR 5 FT.

| A| B| C| D| E| F| G| H| I| J| K| L| M| N| O| P| Q| Z |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

NOTES: 1. ONLY ONE OUTLET SIZE TO BE SPECIFIED PER M.O.A.
       NO MIXING OF OUTLET SIZES ON THE SAME UNIT.
2. ALL ROUND OUTLETS C/W MANUAL DAMPERS.
3. ——— DENOTES AIR FLOW DIRECTION.
4. FOR SPECIAL OUTLET SIZES & ARRANGEMENTS, CONSULT YOUR PRICE SALES REPRESENTATIVE.

STANDARD OUTLET ARRANGEMENTS (TOP VIEW)

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

PROJECT: OVERSIZED CASING
SINGLE DUCT ACCESSORIES

ENGINEER:     CUSTOMER: 260234
SUBMITTAL DATE: SPEC. SYMBOL: 2012/03/02
### SI UNITS (mm)

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### IMPERIAL UNITS (inches)

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<td>HSG8</td>
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<td>12</td>
<td>10</td>
<td>½</td>
</tr>
<tr>
<td>HSG10</td>
<td>10</td>
<td>14</td>
<td>14½</td>
<td>¾</td>
</tr>
<tr>
<td>HSG12</td>
<td>12</td>
<td>16</td>
<td>15</td>
<td>¾</td>
</tr>
<tr>
<td>HSG14</td>
<td>14</td>
<td>20</td>
<td>17½</td>
<td>¾</td>
</tr>
<tr>
<td>HSG16</td>
<td>16</td>
<td>24</td>
<td>18</td>
<td>¾</td>
</tr>
<tr>
<td>HSC</td>
<td>24 x 16</td>
<td>38</td>
<td>18</td>
<td>¾</td>
</tr>
</tbody>
</table>

### NOTES:

1. FABRICATED FROM 22 GA. GALVANIZED STEEL MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.
3. REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR AIR VOLUMES AND REHEAT COIL CAPACITIES.
4. METHOD OF VENTING REHEAT COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.
5. HAND OF WATER COIL CONNECTIONS IS DETERMINED WHEN VIEWED FROM AIR INLET SIDE WITH ACCESS DOOR ON BOTTOM. RIGHT HAND COIL CONNECTION ILLUSTRATED ABOVE.
6. ALLOW 1½" (38) MINIMUM CLEARANCE FOR INSTALLATION AT THIS END.
7. CONFIGURATION OF COIL CONNECTION VARIES WITH SIZE & CIRCUITRY OF COIL.
8. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF ARI STANDARD 410.
9. STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.
10. IT IS NOT RECOMMENDED TO REVERSE 3 & 4 ROW COILS. INDICATE HANDING WHILE ORDERING.

### OPTIONS:

- **HC (HIGH CAPACITY) WATER COIL**
  **HIGH CAPACITY COIL SUPPLIED WITH 12 FINS PER INCH. 1 AND 2 ROW COILS AVAILABLE.**

### PROJECT:

**Oversized Casing**

- SINGLE DUCT TERMINALS
- HOT WATER COILS

**SPEC. SYMBOL:** 260234

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SEISMIC HANGER BRACKET LOCATIONS

NOTE:
SDV SIZE 4-16, WITH OR WITHOUT A WATER COIL
REQUIRE 90° HANGER BRACKETS ONLY
SDV SIZE 24x16, REQUIRES 90° HANGER BRACKETS AS WELL AS SHEAR HANGER BRACKETS.

NOTE:
SDVG ALL UNIT SIZES AND CONFIGURATIONS REQUIRE 90° HANGER BRACKETS AND SHEAR BRACKETS TOGETHER.

BRACKET LOCATION FOR SIZE 4-16.

LINE-UP BRACKETS

HANGER BRACKET (HB)

NOTES:
• HANGER AND SHEAR BRACKETS CONSTRUCTED OUT OF 12 GAUGE.
• 4 SCREWS (MINIMUM #8) REQUIRED PER BRACKET
• FOR MOUNTING DETAILS, SEE PRICE OSP PREAPPROVAL # OSP-0302-10.

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2013/09/23

SPEC. SYMBOL: 263836

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SHEET 1 OF 4 REV B
### Model | Cabinet Construction | Silencer | Cabinet Dimensions (inches) | Max Weight (lb) | Mounting |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 4</td>
<td>32 1/2</td>
<td>22 1/8</td>
<td>12</td>
<td>8</td>
<td>33</td>
</tr>
<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 5</td>
<td>32 1/2</td>
<td>22 1/8</td>
<td>12</td>
<td>8</td>
<td>60</td>
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<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 6</td>
<td>32 1/2</td>
<td>20 1/8</td>
<td>12</td>
<td>8</td>
<td>10</td>
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<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 7</td>
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<td>20 1/8</td>
<td>12</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 8</td>
<td>32 1/2</td>
<td>20 1/8</td>
<td>14</td>
<td>12 1/2</td>
<td></td>
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<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 9</td>
<td>32 1/2</td>
<td>20 1/8</td>
<td>14</td>
<td>12 1/2</td>
<td></td>
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<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 10</td>
<td>32 1/2</td>
<td>20 1/8</td>
<td>16</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 12</td>
<td>35 5/8</td>
<td>23 5/8</td>
<td>20</td>
<td>17 1/2</td>
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<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 14</td>
<td>35 5/8</td>
<td>23 5/8</td>
<td>24</td>
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<td>35 5/8</td>
<td>23 5/8</td>
<td>24</td>
<td>18</td>
<td>177</td>
</tr>
<tr>
<td>SDV / SDVQ 5xxx/8xxx SZ 24x16</td>
<td>31</td>
<td>19</td>
<td>38</td>
<td>18</td>
<td>260</td>
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</tbody>
</table>

Zinc-coated carbon steel 3', 5', Elbow, or None 33 to 260 Ceiling Suspended (with or without spring isolators)

**Excerpts from Application for OSHPD Special Seismic Certification PreApproval (OSP). Application #OSP-0302-10.**

**All metric dimensions | l, are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.**

**Project:**

**Engineer:**

**Customer:**

**Submittal Date:**

**Spec. Symbol:** 2013/09/23

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### SDV / SDVQ Coils

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Manufacturer</th>
<th>Fin Material</th>
<th>Tube Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 row</td>
<td>Price</td>
<td>Aluminum</td>
<td>Copper</td>
</tr>
<tr>
<td>2 row</td>
<td>Price</td>
<td>Aluminum</td>
<td>Copper</td>
</tr>
<tr>
<td>3 row</td>
<td>Price</td>
<td>Aluminum</td>
<td>Copper</td>
</tr>
<tr>
<td>4 row</td>
<td>Price</td>
<td>Aluminum</td>
<td>Copper</td>
</tr>
</tbody>
</table>

### SDV SDV/Q Liners (Terminal Casing and Silencer / Attenuator)

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Manufacturer</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRAF</td>
<td>Price</td>
<td>Cleanroom Aluminum Foil Faced Fiberglass</td>
</tr>
<tr>
<td>SM</td>
<td>Price</td>
<td>Solid Metal</td>
</tr>
<tr>
<td>PM</td>
<td>Price</td>
<td>Perforated Metal</td>
</tr>
<tr>
<td>AFPM</td>
<td>Price</td>
<td>Aluminum Foil Faced Fiberglass with Perforated Metal</td>
</tr>
<tr>
<td>FF</td>
<td>Price</td>
<td>Fiber Free Foam</td>
</tr>
<tr>
<td>FB</td>
<td>Price</td>
<td>Foil Faced Fiberglass Board</td>
</tr>
<tr>
<td>FG</td>
<td>Price</td>
<td>Fiberglass</td>
</tr>
<tr>
<td>FC</td>
<td>Price</td>
<td>Fiberglass cloth (silencer/attenuator only)</td>
</tr>
<tr>
<td>PL</td>
<td>Price</td>
<td>Polymer film liner (silencer/attenuator only)</td>
</tr>
</tbody>
</table>

### SDV Attenuators / SDVQ Silencers

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Manufacturer</th>
<th>Liner Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDVQ Elbow Silencer</td>
<td>Price</td>
<td>Casing may be the same as terminal casing liner (CRAF, SM, PM, AFPM, FF, FB, FG). Attenuators/silencers may have optional fiberglass cloth (FC) or polymer film (PL) liner.</td>
</tr>
<tr>
<td>SDVQ 3’ Silencer (36”)</td>
<td>Price</td>
<td></td>
</tr>
<tr>
<td>SDV 3’ Attenuator (36”)</td>
<td>Price</td>
<td></td>
</tr>
<tr>
<td>SDV 5’ Attenuator (59”)</td>
<td>Price</td>
<td></td>
</tr>
<tr>
<td>5’ Silencer (60”)</td>
<td>Price</td>
<td></td>
</tr>
</tbody>
</table>

---

EXCERPTS FROM APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP). APPLICATION #OSP-0302-10.
## SDV/SDVQ Damper Actuator Controller

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIC</td>
<td>Price Controls</td>
<td>Controller w/ integral actuator; 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>PAC</td>
<td>Price Controls</td>
<td>Controller; 24V w/KMC MEP 4003 actuator</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>W7751F</td>
<td>Honeywell</td>
<td>Controller, 24V (208/240V transformer)</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>W7751H</td>
<td>Honeywell</td>
<td>Controller w/ integral actuator, 24V (120V transformer)</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>W7751D</td>
<td>Honeywell</td>
<td>Controller, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>W7751B</td>
<td>Honeywell</td>
<td>Controller, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>PVL64366AS</td>
<td>Honeywell</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MS VMA1410</td>
<td>Johnson Controls</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MS VMA1420</td>
<td>Johnson Controls</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MS VMA1615</td>
<td>Johnson Controls</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MS VMA1620</td>
<td>Johnson Controls</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MS VMA1630</td>
<td>Johnson Controls</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
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<tr>
<td>GDE131.1P</td>
<td>Siemens</td>
<td>Damper actuator controller, 24V (120V transformer)</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>540-100 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V (277V transformer)</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>540-110 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V (277V transformer)</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>550-065 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>550-067 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>550-068 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>550-767 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>540-844 &amp; GDE131</td>
<td>Siemens</td>
<td>Controller / actuator combo, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MR-VAV-AX</td>
<td>Schneider Electric (TAC)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>Xenta 102-AX</td>
<td>Schneider Electric (TAC)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>b3-866-V</td>
<td>Schneider Electric (Andover)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>b3-865-V</td>
<td>Schneider Electric (Andover)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>l2 866-V</td>
<td>Schneider Electric (Andover)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>l2 865-V</td>
<td>Schneider Electric (Andover)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
<tr>
<td>MNL-V2RV3</td>
<td>Schneider Electric (Invensys)</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
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<tr>
<td>ZN141V+</td>
<td>Automated Logic</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
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<tr>
<td>ZN341V+</td>
<td>Automated Logic</td>
<td>Controller w/ integral actuator, 24V</td>
<td>Plastic cover with circuit board</td>
</tr>
</tbody>
</table>

**EXCEPRTS FROM APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP). APPLICATION #OSP-0302-10.**

**ALL METRIC DIMENSIONSivar SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.**

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

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### NOTES:
- SINGLE DUCT WIDTH AND HEIGHT REMAIN THE SAME AS THE STANDARD UNIT; THE DAMPER SHAFT IS ROTATED 90° FOR CB.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.

### SDV INCLUDES:
- MULTI-POINT SENSOR
- BY PRICE.

### OPTIONS:
- CONTROLS ENCLOSURE
- DISCONNECT SWITCH
- GAUGE TAPS
- REMOVABLE SENSOR – RIGHT HANDED
- REMOVABLE SENSOR – LEFT HANDED

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

### PROJECT:

### ENGINEER:

### CUSTOMER:

### SUBMITTAL DATE:

### SPEC. SYMBOL:

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### NOTES:
- INTERNAL INSULATION ½″(13mm) THICK FIBERGLASS (1½lb DENSITY) WHICH MEETS REQUIREMENTS OF NFPA 90A & UL181.
- 22GA. ZINC COATED STEEL HOUSING.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- LEAKAGE CERTIFICATION LABEL PROVIDED BY FACTORY.
- DIGITAL CONTROLS BY CONTROL CONTRACTOR.

### OPTIONS:
- CLL3—FACTORY LEAK TESTED UP TO 1% OF MAX FLOW AT UP TO 3″ W.G.
- CLL4—FACTORY LEAK TESTED UP TO 1% OF MAX FLOW AT UP TO 4″ W.G.
- CLL6—FACTORY LEAK TESTED UP TO 1.5% OF MAX FLOW AT UP TO 6″ W.G.
- CONTROLS ENCLOSURE
- DISCONNECT SWITCH
- 20 GA. CASING
- 3FT(N/A WITH CADDCLL) OR 5FT INTEGRAL ATTENUATOR
- GT — BRASS AIRFLOW SENSOR GAUGE TAPS
- PRICE DIGITAL CONTROLS

### LINER OPTIONS:
- FF
- FF1
- FB
- CRAF
- FG1
- FF50
- FB1
- CRAFT
- FG75

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

### PROJECT:

### ENGINEER:

### CUSTOMER:

### SUBMITTAL DATE: 2009/05/15

---

### TABLE:

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
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<td>MAX CFM</td>
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### S.I. UNITS mm

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<td></td>
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### IMPERIAL UNITS Inches

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<td>16</td>
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<td>20</td>
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<td>14</td>
</tr>
<tr>
<td>24</td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

22%  20%  23%

---
WATER COIL
ATT (L + 35 3/4" (908))
ATT5 (L + 58 3/4" (1492))
CADCELL - SINGLE ACCESS DOOR
FOR SIZE 4-8 = 12" x 10" (305x254)
FOR SIZE 9-16 = 12" x 12" (305x305)
w/QUARTER TURN LATCHES

INTEGRAL ATTENUATOR

WATER COIL
ATT (L + 35 3/4" (908))
ATT5 (L + 58 3/4" (1492))
CADCELL - DOUBLE ACCESS DOORS
FOR SIZE 4-8 = 12" x 10" (305x254)
FOR SIZE 9-16 = 12" x 12" (305x305)
w/QUARTER TURN LATCHES
+L + 35 3/4" (908) CADCELL INCLUDES 3FT INTEGRAL ATTENUATOR AS STANDARD CONSTRUCTION

NOTES:
• 1&2 ROW A = 5" (127)
  3&4 ROW A = 7 ⅞" (184)
• REFER TO SUBMITTAL 200911 FOR WATERCOIL INFORMATION.

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: 2009/05/15

SDV
SINGLE DUCT TERMINAL VARIABLE VOLUME ACCESSORIES
CERTIFIED LOW LEAKAGE

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REV 0
### Notes:
- Internal insulation 0.25" (13mm) thick fiberglass (1.2 lb density) which meets requirements of NFPA 90A & UL181.
- Unit internally sealed with duct sealer (fiberglass liner) or hardcast 1602 tape (all other liners).
- 22Ga. zinc coated steel housing internally sealed and gasketed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Low leakage damper construction—double gasket.
- Leakage certification label provided by factory.
- Pneumatic controls supplied & mounted by price.
- Clean, dry, 20 PSI (138 KPa) control air required.

### Options:
- Pneumatic Actuator supplied & mounted by Price.
- Pneumatic actuator supplied by control contractor & mounted by Price.
- CLL3—factory leak tested up to 1% of max design flow at up to 3" W.G.
- CLL4—factory leak tested up to 1% of max design flow at up to 4" W.G.
- CLL6—factory leak tested up to 1.5% of max design flow at up to 6" W.G.
- CADD, casing
- 3FT (N/A with CADD) or 5FT integral attenuator
- Protective controller cover

### Liner Options:
- FF
- FF1
- FB
- CRAF
- FG1
- FF50
- FB1
- CRAF1
- FG75

---

**Project:**

**Engineer:**

**Customer:**

**Submittal Date:**

**Spec. Symbol:**

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---

**SPV**

SINGLE DUCT TERMINAL VARIABLE VOLUME

PNEUMATIC CONTROLS CERTIFIED LOW LEAKAGE

252435

2009/05/26
NOTES:

- 1&2 ROW A = 5" (127)
- 3&4 ROW A = 7 1/4" (184)
- REFER TO SUBMITTAL 200911 FOR WATERCOIL INFORMATION.
**HANGER BRACKETS (HB) LOCATION SIZES 4-16**

**UNIT SIZE** | **SDV W/ INTEGRAL ATTN, in (mm)**
---|---
**A (+)** | **B (++)**
4-12 | 35 13/16” (1314) | 74 3/4” (1899)
14,16 | 35 13/16” (1314) | 78 1/4” (1988)
24x16 | 35 13/16” (1314) | 74 1/2” (1892)

(*) 3 FT INTEGRAL ATT, (**) 5 FT ATT B

**NOTES:**
- HANGER BRACKET ARE 12 GAUGE ZINC COATED STEEL.
- 4 BRACKETS PER UNIT
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS. (BY OTHERS)
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

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

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

**ACCESSORIES**

HANGER BRACKETS (HB) LOCATIONS FOR SDV

2010/09/02
HANGER BRACKETS (HB)
LOCATION
SIZES 4-16

NOTES:
- HANGER BRACKET ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT, 2 PER ATTENUATOR.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS. (BY OTHERS)
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: 2010/09/02

ACCESSORIES
HANGER BRACKETS (HB) LOCATIONS FOR SDV

255508

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HANGER BRACKETS (HB)
LOCATION
SIZES 24x16

ALTERNATE BRACKET LOCATION
IF INTERFERENCE WITH
SDV CONTROLS OCCURS

36" (914)
OR
59" (1499)

2" (51)
TYP.

3" OR 5" ATT.

ALTERNATE BRACKET LOCATION
IF INTERFERENCE WITH
SDV CONTROLS OCCURS

2" (51)
TYP.

36½" (911)

2" (51)
TYP.

2" (51)
TYP.

WATER HEAT

ALTERNATE BRACKET LOCATION

ELECTRIC HEAT

NOTES:
- HANGER BRACKET ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT, 2 PER ATTENUATOR.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS. (BY OTHERS)
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2016/04/13

SPEC. SYMBOL: 255508

ACCESSORIES
HANGER BRACKETS (HB)
LOCATIONS
FOR SDV

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STANDARD FEATURES:
- SUPPLY SIDE VALVE (SSV): Y STRAINER ISOLATION VALVE W/ PT PORTS & BLOWDOWN.
- ON/OFF & MODULATING TEMPERATURE CONTROL VALVE (TCV) BY PRICE: 2 WAY, 24 VAC, NON SPRING TYPE, ORIENTATION: NORMALLY OPEN, FAIL MODE: NORMALLY OPEN.
- FLOATING TEMPERATURE CONTROL VALVE (TCV) BY PRICE: 2 WAY, 24 VAC, ORIENTATION: NORMALLY OPEN, NON SPRING TYPE, FAIL MODE: FAIL IN PLACE.

OPTIONAL FEATURES:
TCV PROVIDED BY:
- PRICE □ OTHERS

TCV SIZE:
- 1/2" □ 3/4"

TCV CONTROL TYPE:
- ON-OFF □ FLOAT
- MODULATING

TCV Cv (MODULATING ONLY):
- 1/2"
  □ 1.2 □ 2.4 □ 5.9
- 3/4"
  □ 2.3 □ 4.6 □ 9.8

RETURN SIDE VALVE (RSV):
- MANUAL BALANCING ISOLATION VALVE W/ PT PORTS
- AUTOMATIC BALANCING ISOLATION VALVE W/ PT PORTS

FLEX HOSE (FLX):
- 18"

END CONNECTION:
- 1/2" SWT □ 1/2" FNPT □ 1/2" MNPT
- 3/4" SWT □ 3/4" FNPT □ 3/4" MNPT
- 1/2" HOSE □ 3/4" HOSE

NOTES:
1. VALVES TO BE ASSEMBLED, TESTED AND SHIPPED AS DEPICTED.
2. SYSTEM COMES WITH SHUT-OFF VALVE ON SUPPLY & RETURN SIDE FOR ISOLATION
3. CUSTOMER TO PROVIDE FLOW RATE (GPM) FOR EACH CONFIGURATION OF PIPING PACKAGE.
4. WHEN FLEX HOSE (FH) IS SELECTED MNPT & NSPH END CONNECTIONS ARE ONLY AVAILABLE.
STANDARD FEATURES:

• SUPPLY SIDE VALVE (SSV): Y STRAINER ISOLATION VALVE W/ PT PORTS & BLOWDOWN
• TEMPERATURE CONTROL VALVE (TCV) BY PRICE: 3 WAY, 24 VAC, NON SPRING TYPE, NORMALLY OPEN ORIENTATION, FAIL MODE: FAIL IN PLACE.

OPTIONAL FEATURES:

TCV PROVIDED BY:
☐ PRICE ☐ OTHERS

TCV SIZE:
☐ 1/2" ☐ 3/4"

TCV CONTROL TYPE:
☐ FLOAT ☐ MODULATING

TCV Cv (MODULATING ONLY):
☐ 1/2" ☐ 1.2 ☐ 4.7
☐ 3/4" ☐ 4.7 ☐ 7.4

RETURN SIDE VALVE (RSV):
☐ MANUAL BALANCING ISOLATION VALVE W/ PT PORTS
☐ AUTOMATIC BALANCING ISOLATION VALVE W/ PT PORTS

FLEX HOSE (FLX):
☐ 18"

END CONNECTION:
☐ 1/2" SWT ☐ 1/2" FNPT ☐ 1/2" MNPT
☐ 3/4" SWT ☐ 3/4" FNPT ☐ 3/4" MNPT
☐ 1/2" HOSE ☐ 3/4" HOSE

NOTES:

1. VALVES TO BE ASSEMBLED, TESTED AND SHIPPED AS DEPICTED.
2. SYSTEM COMES WITH SHUT-OFF VALVE ON SUPPLY & RETURN SIDE FOR ISOLATION
3. CUSTOMER TO PROVIDE FLOW RATE (GPM) FOR EACH CONFIGURATION OF PIPING PACKAGE.
4. WHEN FLEX HOSE (FH) IS SELECTED MNPT & NSPH END CONNECTIONS ARE ONLY AVAILABLE.
5. 3 WAY TEMPERATURE CONTROL VALVE PIPED IN MIXING.
STANDARD CONSTRUCTION:
- ½" (13mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- ½" (13mm) ZINC PLATED DAMPER SHAFT WITH POSITION INDICATOR.
- SIZES 4 & 5 USE AN INLET REDUCER.

UNIT OPTIONS:
- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)
- ACCESS DOOR (AD)

LINER OPTIONS:
- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM ½" (13mm) (FF50)
- FIBER FREE FOAM ¾" (19mm) (FF)
- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
**3-WAY DETAIL**

**STANDARD CONSTRUCTION:**
- ½" (13mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22GA. ZINC COATED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- ½" (13mm) ZINC PLATED DAMPER SHAFT WITH POSITION INDICATOR.
- SIZES 4 & 5 USE AN INLET REDUCER.
- EXTENSION REQUIRED WHEN CONTROLS SAME SIDE AS PIPING PACKAGE

**CONTROLS OPTIONS:**
- □ FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)
- □ FIELD MOUNTED, CONTROLS SUPPLIED BY OTHERS (FLD)
- □ DIGITAL CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP)
- □ PNEUMATIC CONTROLS SUPPLIED AND MOUNTED BY PRICE (PNEU)

**UNIT OPTIONS:**
- □ NEMA1 CONTROLS ENCLOSURE (PS)
- □ DISCONNECT SWITCH (DSW)
- □ 20 GAUGE CASING (20GA)
- □ HANGER BRACKETS (HB)
- □ BOTTOM REMOVABLE SENSOR (RS)
- □ BRASS AIRFLOW SENSOR GAUGE TAPS (GT)
- □ ACCESS DOOR (AD)

**LINER OPTIONS:**
- □ FIBERGLASS 1" (25mm) (FG1)
- □ FIBER FREE FOAM ½" (13mm) (FF50)
- □ FIBER FREE FOAM 3/4" (19mm) (FF)
- □ FIBER FREE FOAM 1" (25mm) (FF1)
- □ FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- □ SOLID METAL WITH FG1 (SM1)
- □ CLEANROOM ANGLES WITH FB1 (CRAF1)

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

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

**SDV:** SINGLE DUCT TERMINAL VARIABLE VOLUME PIPING PACKAGE CONTROLS/PIPING PACKAGE SAME SIDE

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NOTES:
1. VALVES TO BE ASSEMBLED, TESTED AND SHIPPED AS DEPICTED
2. REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR UNIT AND COIL HANDING
3. EXTENSION PROVIDED WHEN CONTROLS AND COIL HANDING ARE ON THE SAME SIDE
4. EXTENSION INSULATED TO MATCH TERMINAL UNIT LINER

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

PROJECT:
ENGINEER:
CUSTOMER:
SUBMITTAL DATE: 08/04/2020
SPEC. SYMBOL:

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NOTE:
1. FABRICATED FROM 22 GA. GALVANIZED STEEL MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.
3. REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR AIR VOLUMES AND REHEAT COIL CAPACITIES.
4. METHOD OF VENTING REHEAT COIL IS PROVIDED.
5. HAND OF WATER COIL CONNECTIONS IS DETERMINED WHEN VIEWED FROM AIR INLET SIDE WITH ACCESS DOOR ON BOTTOM. LEFT HAND COIL CONNECTION ILLUSTRATED ABOVE.
6. ALLOW 1 1/2" [38] MINIMUM CLEARANCE FOR INSTALLATION AT THIS END.
7. CONFIGURATION OF COIL CONNECTION VARIES WITH GPM RANGE SELECTIONS.
8. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF AHRI STANDARD 410.
9. STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.
10. COIL CONNECTION SIZES TO MATCH VALVE PACKAGE SIZING (1/2" OR 3/4" AVAILABLE).
11. WATER CONNECTIONS ORIENTED TOWARDS DISCHARGE OR INLET, DEPENDING ON CONFIGURATION SELECTED.
12. IT IS NOT RECOMMENDED TO REVERSE 3 & 4 ROW COILS. INDICATE HANDLING WHILE ORDERING.
13. IMAGES NOT REPRESENTATIVE OF SUPPLY AND RETURN LOCATIONS.

OPTIONS:
- HC (HIGH CAPACITY) WATER COIL
  HIGH CAPACITY COIL SUPPLIED WITH 12 FINS PER INCH.
1 AND 2 ROW COILS AVAILABLE.

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