

UNIT SIZE	INLET SIZE	WIDTH W	HEIGHT H	CONTROL BOX		LENGTH C
	D			A	B	
4	3 7/8 (98)	12 (305)	8 (203)	12 (305)	2 (51)	6 3/8 (162)
5	4 7/8 (124)					
6	5 7/8 (149)					
7	6 7/8 (175)					
8	7 7/8 (200)	14 (356)	10 (254)	17 (432)	1 (25)	4 3/8 (111)
9	8 7/8 (225)					
10	9 7/8 (251)					
12	11 7/8 (302)	20 (508)	17 1/2 (445)		1 (25)	
14	13 7/8 (352)	24 (610)	18 (457)	---	---	
16	15 7/8 (403)	38 (965)		---	---	
24x16	23 7/8 (603) x 15 7/8 (403)				---	3 1/2 (89)

**STANDARD CONSTRUCTION:**

- ASSEMBLY ETL CERTIFIED TO UL1995 & CSA236.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1" (25mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING & 20 GAUGE HEATER. MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- 1/2" (13mm) GALVANIZED DAMPER SHAFT WITH POSITION INDICATOR.
- REFER TO SUBMITTED CONTROL DIAGRAMS FOR STANDARD CONTROL COMPONENTS TO BE SUPPLIED.
- LOW WATT DENSITY ELEMENTS, HIGH GRADE NICKEL-CHROME ALLOY.
- SCR CONTROLS OVER 25 AMPS 3Φ USE A 19" TALL CONTROL BOX.
- AUTOMATIC & MANUAL RESET THERMAL CUTOUT.
- MAGNETIC CONTACTORS.
- AIR FLOW SWITCH.
- 24VAC/50VAC CLASS 2 TRANSFORMER.
- HINGED ACCESS DOOR.
- SINGLE POINT ELECTRICAL CONNECTION.
- LEFT HAND UNIT SHOWN (CLH) RIGHT HAND AVAILABLE.
- SILENCER - MEDIUM PRESSURE STYLE, 22 GAUGE GALVANIZED CASING WITH PERFORATED LINER OVER FIBERGLASS ACOUSTIC MEDIA.

**CONTROLS OPTIONS:**

- FIELD MOUNTED CONTROLS, SUPPLIED BY OTHERS (FLD)
- FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)

**CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP):**

- DIGITAL CONTROLS (DIG)
- PNEUMATIC CONTROLS (PNEU)

**UNIT & COIL OPTIONS:**

- NEMA1 CONTROLS ENCLOSURE (PS)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)
- CONTROL CIRCUIT FUSES (CCF)
- DOOR INTERLOCK DISCONNECT SWITCH (IDSW)
- MERCURY CONTACTORS (MC)
- MAIN SUPPLY FUSES (FUS)
- HEATER SECTION INSULATED (INSUL) (N/A WITH FIBER-FREE)

**SCR CONTROL INPUT:**

- 0 TO 10 VDC CONTROL SIGNAL (SCRV)
- 4 TO 20 MA CONTROL SIGNAL (SCRA)
- 24 VAC PULSE CONTROL SIGNAL (SCRPWM)
- DISCHARGE AIR TEMPERATURE CONTROL (DAT)

**LINER OPTIONS:**

- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
- PERFORATED METAL WITH FB1 (AFPM1)

**SILENCER LINER OPTIONS:**

- POLYMER LINER (PL)
- FIBERGLASS CLOTH (FC)

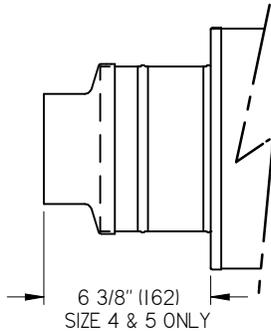
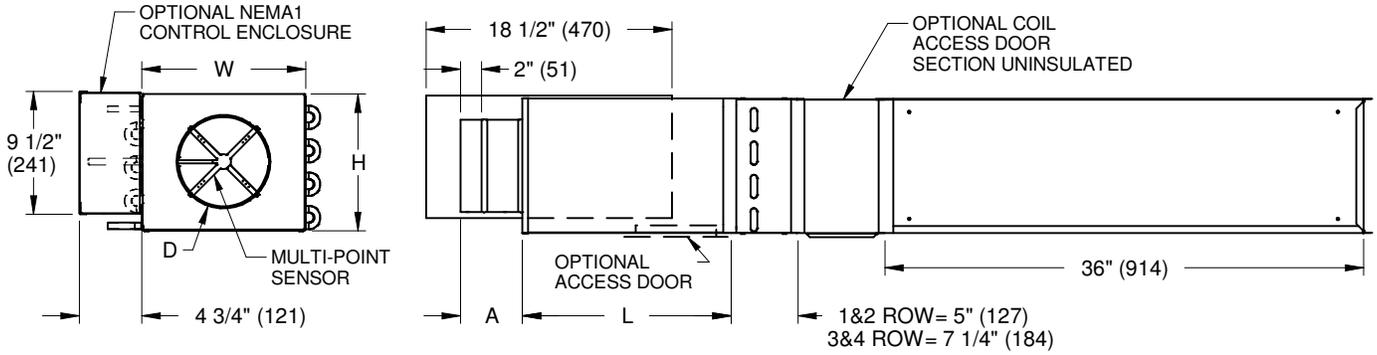
**SUPPLY VOLTAGE:**

- 120/1Φ
- 208/1Φ (2 WIRE)
- 208/3Φ (3 WIRE)
- 240/1Φ
- 277/1Φ
- 347/1Φ
- 480/1Φ
- 480/3Φ (3 WIRE)
- 600/3Φ (3 OR 4 WIRE)



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

<b>PROJECT:</b>		<b>PRICE</b>
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		G
<b>SUBMITTAL DATE:</b>		274116
<b>SPEC. SYMBOL:</b>		07/04/2022
		<b>SDVQ</b> SINGLE DUCT TERMINAL VARIABLE VOLUME ELECTRIC COIL STRAIGHT SILENCER



UNIT SIZE	INLET SIZES	WIDTH W	HEIGHT H	LENGTH	
	D			A	L
4	3 7/8 (98)	12 (305)	8 (203)	6 3/8 (162)	35 13/16 (910)
5	4 7/8 (124)				
6	5 7/8 (149)		10 (254)		
7	6 7/8 (175)				
8	7 7/8 (200)	14 (356)	12 1/2 (318)	4 3/8 (111)	
9	8 7/8 (225)				
10	9 7/8 (251)				
12	11 7/8 (302)	20 (508)	17 1/2 (445)		
14	13 7/8 (352)				
16	15 7/8 (403)	38 (965)	18 (457)		
24 x 16	23 7/8 (603) x 15 7/8 (403)				

**STANDARD CONSTRUCTION:**

- 1" (25mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1/2" (13mm) GALVANIZED DAMPER SHAFT WITH POSITION INDICATOR.
- LEFT HAND UNIT SHOWN (CLH) RIGHT HAND AVAILABLE.
- SILENCER - MEDIUM PRESSURE STYLE, 22 GAUGE GALVANIZED CASING WITH PERFORATED LINER OVER FIBERGLASS ACOUSTIC MEDIA.

**CONTROLS OPTIONS:**

- FIELD MOUNTED CONTROLS, SUPPLIED BY OTHERS (FLD)
- FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)

**CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP):**

- DIGITAL CONTROLS (DIG)
- PNEUMATIC CONTROLS (PNEU)

**LINER OPTIONS:**

- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
- PERFORATED METAL WITH FB1 (AFPM1)

**UNIT OPTIONS:**

- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

**BOTTOM ACCESS DOOR:**

- ACCESS DOOR WITH SCREWS (AD)
- ACCESS DOOR WITH SNAP LATCHES (ADL)
- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)

**COIL ACCESS DOOR (UPSTREAM/DOWNSTREAM):**

- DUAL ACCESS DOOR WITH SCREWS (ADD)
- DUAL ACCESS DOOR WITH SNAP LATCHES (ADDL)
- DUAL ACCESS DOOR WITH QUARTER TURN LATCHES (ADDQ)

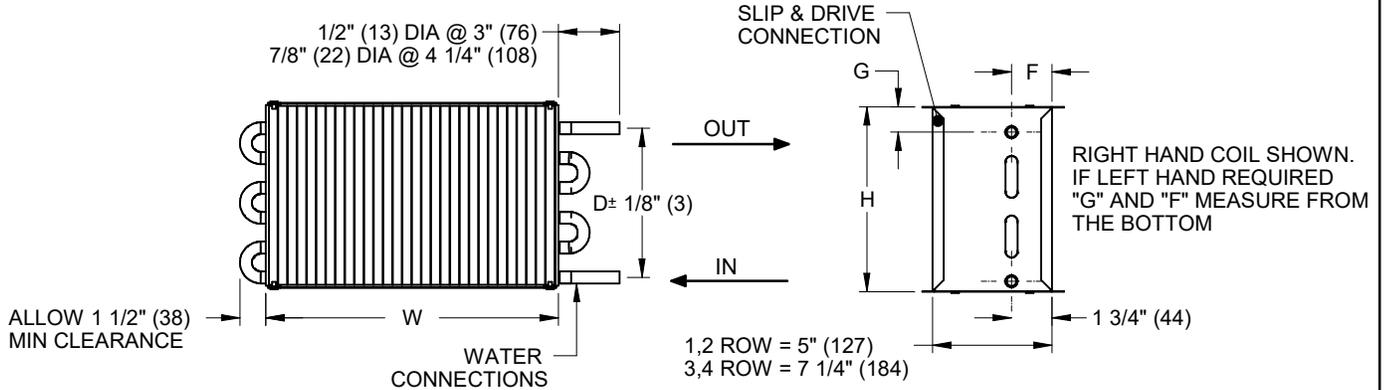
**SILENCER LINER OPTIONS:**

- POLYMER LINER (PL)
- FIBERGLASS CLOTH (FC)



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

<b>PROJECT:</b>		<b>PRICE</b>	<b>SDVQ</b>
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274117	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	



UNIT SIZE	W	H	D				F				G				COIL CONNECTIONS		
			1 ROW	2 ROW	3 ROW	4 ROW	1 ROW	2 ROW	3 ROW	4 ROW	1 ROW	1 ROW HC	2 ROW (STD & HC)	3, 4 Row	1 ROW	1 ROW HC	2 (STD&HC), 3, 4 ROW
4,5,6 7,8	12 (305)	8 (203) 10 (254)	6 1/4 (159) 8 3/4 (222)	6 7/8 (175) 8 15/16 (227)	5 13/16 (148) 8 5/16 (211)	6 3/8 (162) 8 7/8 (225)	1 3/4 (45)				1/2 (13)	1/2 (13)	1/2 (13)		1/2 (13)		
9,10 12	14 (356) 20 (508)	12 1/2 (318) 17 1/2 (445)	10 13/16 (274)	11 7/16 (291)	10 13/16 (275)	11 3/8 (289)		2 7/8 (73)	3 7/8 (98)	4 15/16 (125)		1/2 (13)	5/8 (16)	5/8 (16)	7/8 (22)		7/8 (22)
14 16 24x16	24 (610) 38 (965)	18 (457)	15 13/16 (401)	16 7/16 (418)	15 13/16 (402)	16 3/8 (416)	3 1/2 (89)				5/8 (16)	5/8 (16)	5/8 (16)	7/8 (22)		7/8 (22)	

NOTE: IF OVERSIZED (OS) IS SELECTED, FOLLOW DATA FROM NEXT UNIT SIZE UP ONLY AVAILABLE FOR SIZES 4-10.

**STANDARD CONSTRUCTION:**

- FABRICATED FROM 22 GAUGE GALVANIZED STEEL MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.
- REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR AIR VOLUMES AND REHEAT COIL CAPACITIES.
- METHOD OF VENTING REHEAT COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.
- HAND OF WATER COIL IS DETERMINED WHEN VIEWED FROM AIR INLET SIDE WITH ACCESS DOOR ON BOTTOM.
- CONFIGURATION OF COIL CONNECTION VARIES WITH SIZE & CIRCUITRY OF COIL.
- PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF AHRI STANDARD 410.
- STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.
- IT IS NOT RECOMENDED TO FIELD FLIP 3 & 4 ROW COILS. INDICATE HANDING WHILE ORDERING.
- 0.0045" (0.11) ALUMINUM FINS.
- 0.0160" (0.41) COPPER TUBE WALL THICKNESS.

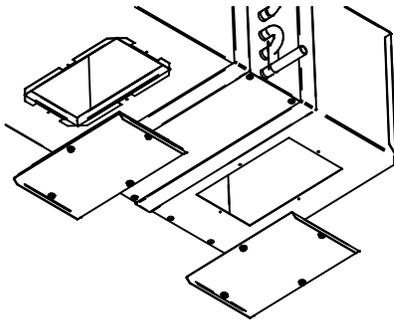
**COIL OPTION:**

- HIGH CAPACITY 1 & 2 ROW WATER COIL SUPPLIED WITH 12 FINS PER INCH (HC)
- OVERSIZED UNIT CASING AND WATER COIL (OS) AVAILABLE SIZES 4-10

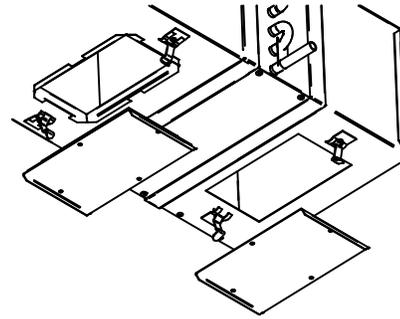


ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

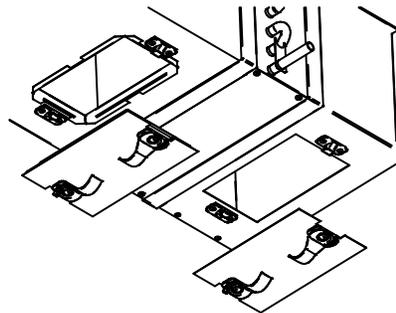
<b>PROJECT:</b>		 <b>SDVQ</b> SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	
		G 274118 07/04/2022



ADD - DUAL ACCESS DOOR WITH SCREWS



ADDL - DUAL ACCESS DOOR WITH SNAP LATCHES



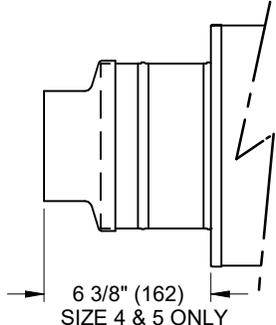
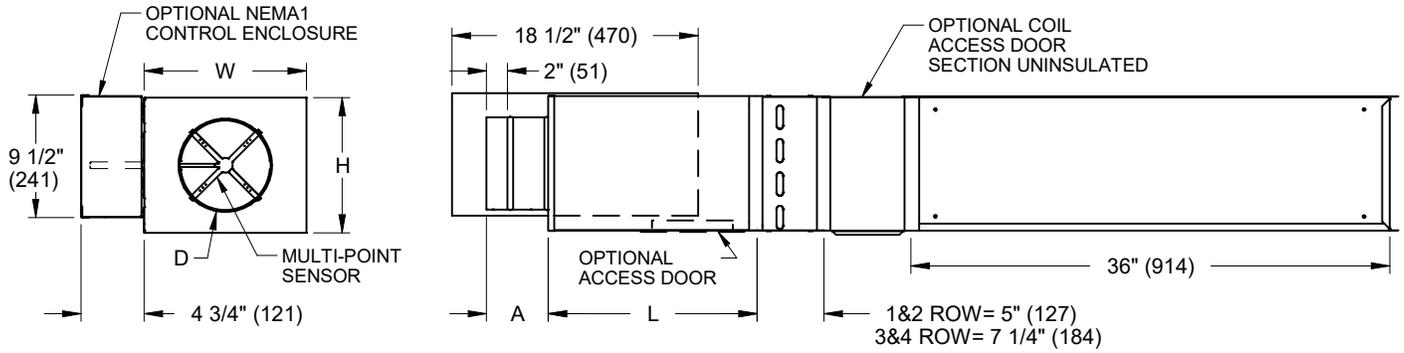
ADDQ - DUAL ACCESS DOOR WITH QUARTER TURN LATCHES

**CONSTRUCTION NOTES:**

- INSULATED UPSTREAM ACCESS.
- UNINSULATED DOWNSTREAM ACCESS SECTION.
- STANDARD DOOR SIZES PROVIDED AT 4" (102) X 6 3/4" (171).
- BOTTOM ACCESS DOORS FOR INSPECTION AND MAINTENANCE OF COIL.
- GASKETED PERIMETER INCLUDED WITH ALL FASTENER STYLES.
- INSULATED, 22 GAUGE GALVANIZED DUAL WALL ACCESS DOOR.  
(NON-DUAL WALL WITH FIBER FREE)

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

<b>PROJECT:</b>		<b>PRICE</b> <sup>®</sup>	<b>SDVQ</b> SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL ACCESS
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274118	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	



UNIT SIZE	MAX CFM (L/S)	INLET SIZES		WIDTH	HEIGHT	LENGTH	
		D	W			A	L
4	400 (189)	3 7/8 (98)	12 (305)	10 (254)	6 3/8 (162)	35 13/16 (910)	
5	500 (236)	4 7/8 (124)					
6	550 (260)	5 7/8 (149)					
7	800 (378)	6 7/8 (175)	14 (356)	12 1/2 (318)	4 3/8 (111)		
8	1100 (519)	7 7/8 (200)					
9	1400 (661)	8 7/8 (225)	16 (406)	15 (381)			
10	1800 (850)	9 7/8 (251)					

**STANDARD CONSTRUCTION:**

- DIMENSIONAL TABLE REPRESENTS OVERSIZED CONSTRUCTION (OS).
- 1" (25mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1/2" (13mm) GALVANIZED DAMPER SHAFT WITH POSITION INDICATOR.
- LEFT HAND UNIT SHOWN (CLH), RIGHT HAND AVAILABLE.
- SILENCER - MEDIUM PRESSURE STYLE, 22 GAUGE GALVANIZED CASING WITH PERFORATED LINER OVER FIBERGLASS ACOUSTIC MEDIA.

**CONTROLS OPTIONS:**

- FIELD MOUNTED CONTROLS, SUPPLIED BY OTHERS (FLD)
- FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)

**CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP):**

- DIGITAL CONTROLS (DIG)
- PNEUMATIC CONTROLS (PNEU)

**LINER OPTIONS:**

- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
- PERFORATED METAL WITH FB1 (AFPM1)

**UNIT OPTIONS:**

- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

**BOTTOM ACCESS DOOR:**

- ACCESS DOOR WITH SCREWS (AD)
- ACCESS DOOR WITH SNAP LATCHES (ADL)
- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)

**COIL ACCESS DOOR (UPSTREAM/DOWNSTREAM):**

- DUAL ACCESS DOOR WITH SCREWS (ADD)
- DUAL ACCESS DOOR WITH SNAP LATCHES (ADDL)
- DUAL ACCESS DOOR WITH QUARTER TURN LATCHES (ADDQ)

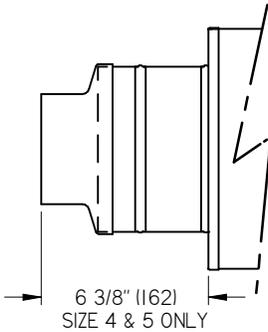
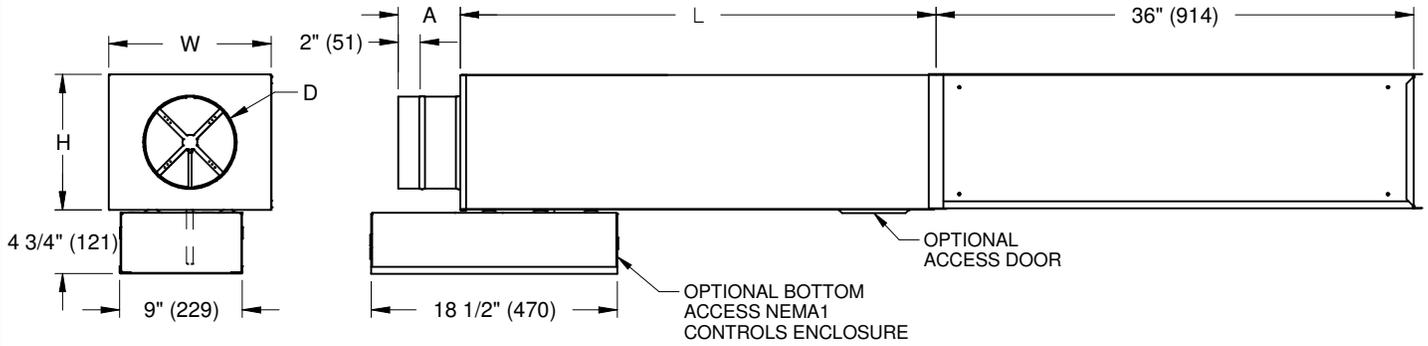
**SILENCER LINER OPTIONS:**

- POLYMER LINER (PL)
- FIBERGLASS CLOTH (FC)



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

<b>PROJECT:</b>		<b>PRICE</b> <sup>®</sup>	<b>SDVQ</b>
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274120	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	



UNIT SIZE	INLET SIZES		WIDTH W	HEIGHT H	LENGTH		
	D				A	B	L
4	3 7/8 (98)		12 (305)	8 (203)	4 3/8 (111)	3 13/16 (97)	35 13/16 (910)
5	4 7/8 (124)						
6	5 7/8 (149)						
7	6 7/8 (175)						
8	7 7/8 (200)		14 (356)	10 (254)			
9	8 7/8 (225)						
10	9 7/8 (251)		20 (508)	12 1/2 (318)			
12	11 7/8 (302)						
14	13 7/8 (352)		24 (610)	17 1/2 (445)			
16	15 7/8 (403)						
			38 (965)	18 (457)	5 5/16 (135)		

**STANDARD CONSTRUCTION:**

- 1" (25mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1/2" (13mm) GALVANIZED DAMPER SHAFT WITH POSITION INDICATOR.
- SILENCER - MEDIUM PRESSURE STYLE, 22 GAUGE GALVANIZED CASING WITH PERFORATED LINER OVER FIBERGLASS ACOUSTIC MEDIA.

**CONTROLS OPTIONS:**

- FIELD MOUNTED CONTROLS, SUPPLIED BY OTHERS (FLD)
- FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)

**CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP):**

- DIGITAL CONTROLS (DIG)
- PNEUMATIC CONTROLS (PNEU)

**UNIT OPTIONS:**

- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

**BOTTOM ACCESS DOOR:**

- ACCESS DOOR WITH SCREWS (AD)
- ACCESS DOOR WITH SNAP LATCHES (ADL)
- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)

**LINER OPTIONS:**

- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
- PERFORATED METAL WITH FB1 (AFPM1)

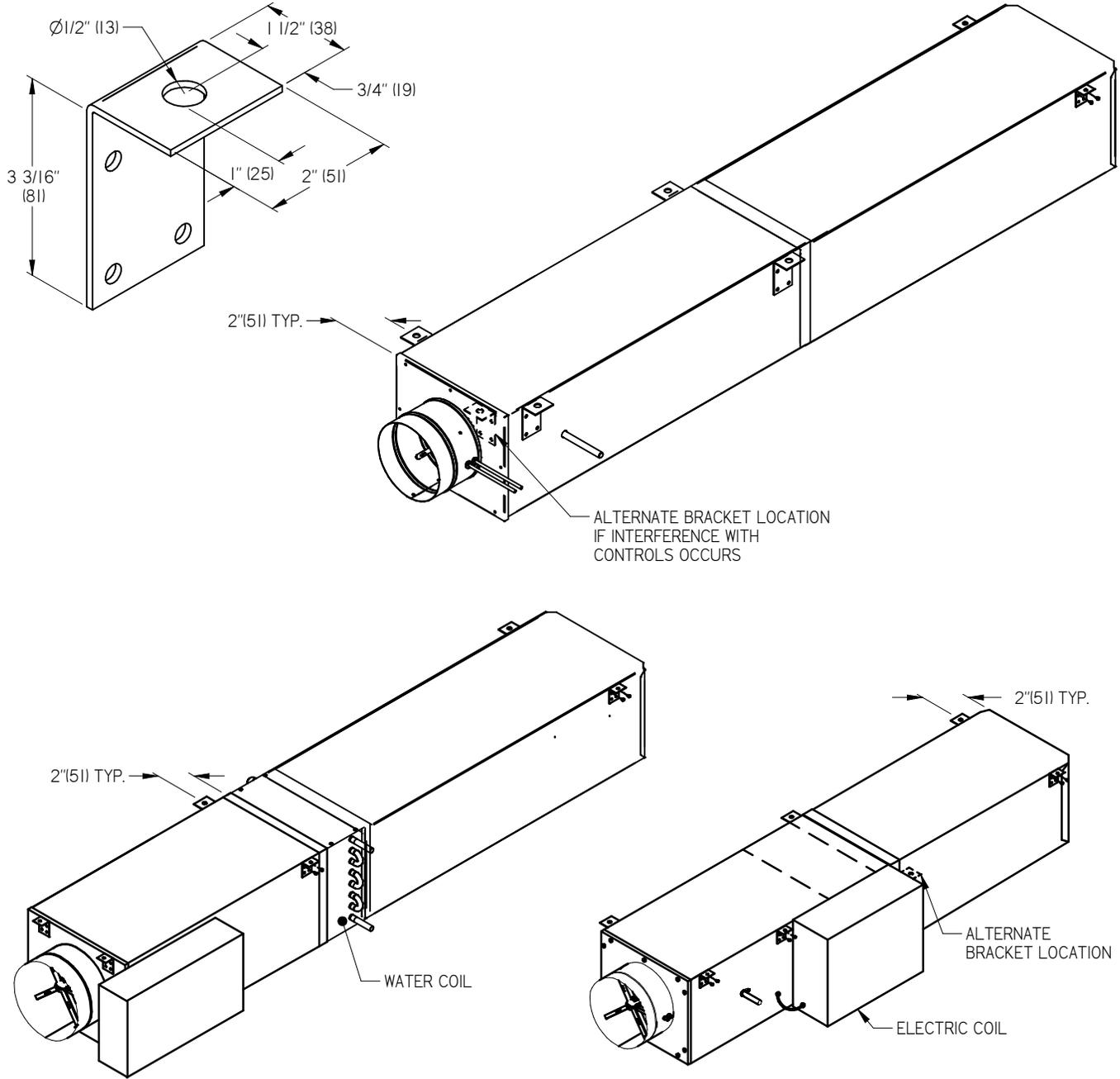
**SILENCER LINER OPTIONS:**

- POLYMER LINER (PL)
- FIBERGLASS CLOTH (FC)



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

<b>PROJECT:</b>		<b>PRICE</b>	<b>SDVQ</b>
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274121	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	



**NOTES:**

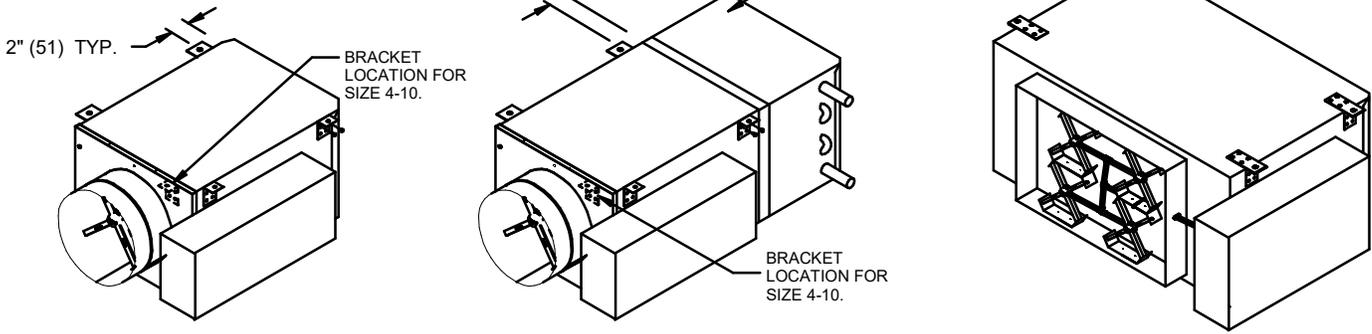
- HANGER BRACKET ARE 12 GAUGE GALVANIZED STEEL.
- 4 BRACKETS PER UNIT. 2 BRACKETS PER ATTENUATOR.
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH FASTENERS AND THREADED HANGER RODS (BY OTHERS).

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

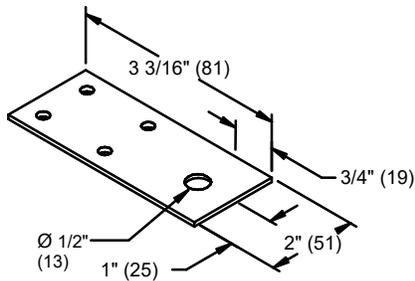
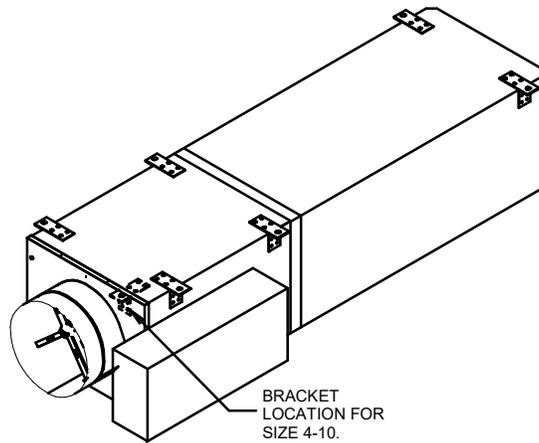
<b>PROJECT:</b>		<b>PRICE</b>	
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274122	SINGLE DUCT TERMINAL VARIABLE VOLUME HANGER BRACKET
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	

**SEISMIC HANGER BRACKET LOCATIONS**

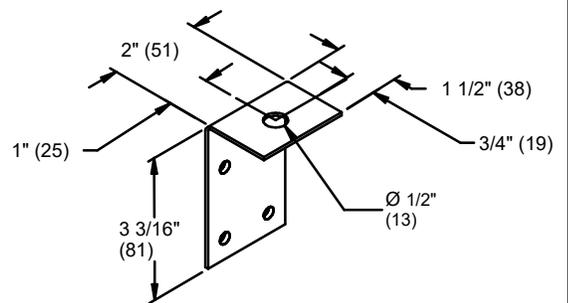
NOTE:  
SDV SIZE 4-16, WITH OR WITHOUT A WATER COIL,  
REQUIRE 90° HANGER BRACKETS ONLY.  
SDV SIZE 24x16, REQUIRES 90° HANGER BRACKETS AS  
WELL AS SHEAR HANGER BRACKETS.



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



SHEAR HANGER BRACKET (HB)



HANGER BRACKET (HB)

- NOTES:
- HANGER AND SHEAR BRACKETS CONSTRUCTED OUT OF 12 GAUGE GALVANIZED STEEL.
  - 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.

<b>PROJECT:</b>		<b>PRICE</b>
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		G
<b>SUBMITTAL DATE:</b>		<b>270470</b>
<b>SPEC. SYMBOL:</b>		<b>07/04/2022</b>
		<b>SDV</b> SINGLE DUCT TERMINAL VARIABLE VOLUME SEISMIC CERTIFICATION

Model	Cabinet Construction	Silencer	Cabinet Dimensions (inches)				Max Weight (lb)	Mounting	
			Length with Access Section	Length	Width	Height			
SDV / SDVQ 5xxx/8xxx SZ 4	Zinc-coated carbon steel	3' or None	32 1/2	22 1/8	12	8	33	Ceiling Suspended (with or without spring isolators)	
SDV / SDVQ 5xxx/8xxx SZ 4			32 1/2	22 1/8	12	8	60		
SDV / SDVQ 5xxx/8xxx SZ 5			32 1/2	22 1/8	12	8	33 to 260		
SDV / SDVQ 5xxx/8xxx SZ 6			32 1/2	20 1/8	12	8			
SDV / SDVQ 5xxx/8xxx SZ 7			32 1/2	20 1/8	12	10			
SDV / SDVQ 5xxx/8xxx SZ 8			32 1/2	20 1/8	12	10			
SDV / SDVQ 5xxx/8xxx SZ 9			32 1/2	20 1/8	14	12 1/2			
SDV / SDVQ 5xxx/8xxx SZ 10			32 1/2	20 1/8	14	12 1/2			
SDV 5xxx/8xxx SZ 12			32 1/2	20 1/8	16	15			
SDV 5xxx/8xxx SZ 14			35 5/8	23 5/8	20	17 1/2			
SDV 5xxx/8xxx SZ 16			35 5/8	23 5/8	24	18			81
SDV 5xxx/8xxx SZ 16			35 5/8	23 5/8	24	18			177
SDV 5xxx/8xxx SZ 24x16			31	19	38	18	260		

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

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

<b>PROJECT:</b>		
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		G 270470
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022
		<b>SDV</b> SINGLE DUCT TERMINAL VARIABLE VOLUME SEISMIC CERTIFICATION

SDV / SDVQ Coils			
Model Number	Manufacturer	Fin Material	Tube Material
1 row	Price	Aluminum	Copper
2 row			
3 row			
4 row			

SDV / SDVQ Liners (Terminal Casing and Silencer / Attenuator)		
Model Number	Manufacturer	Material
CRAF	Price	Cleanroom Aluminum Foil Faced Fiberglass
SM	Price	Solid Metal
PM	Price	Perforated Metal
AFPM	Price	Aluminum Foil Faced Fiberglass with Perforated Metal
FF	Price	Fiber Free Foam
FB	Price	Foil Faced Fiberglass Board
FG	Price	Fiberglass
FC	Price	Fiberglass cloth (silencer/attenuator only)
PL	Price	Polymer film liner (silencer/attenuator only)

SDV Attenuators / SDVQ Silencers		
Model Number	Manufacturer	Liner Material
SDVQ 3' Silencer (36")	Price	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)
SDV 3' Attenuator (36")	Price	
SDV 5' Attenuator (59")	Price	

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

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<b>PROJECT:</b>			
<b>ENGINEER:</b>			G
<b>CUSTOMER:</b>			270470
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>		07/04/2022

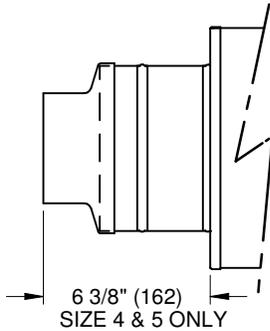
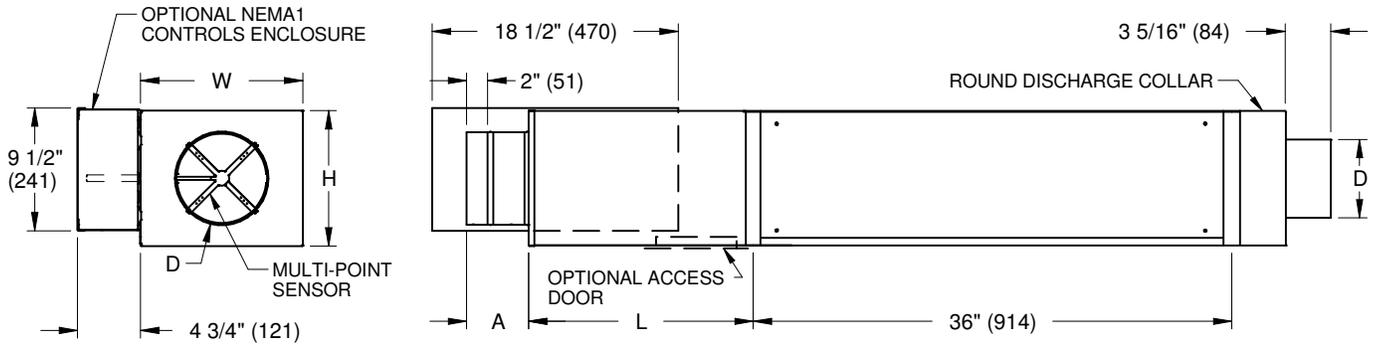
**SDV**  
SINGLE DUCT TERMINAL  
VARIABLE VOLUME  
SEISMIC CERTIFICATION

SDV/SDVQ Damper Actuator Controller			
Model Number	Manufacturer	Description	Controller
PIC	Price Controls	Controller w/ integral actuator; 24V	Plastic cover with circuit board
PAC	Price Controls	Controller, 24V w/KMC MEP 4003 actuator	
W7751F	Honeywell	Controller, 24V (208/240V transformer)	Plastic cover with circuit board
W7751H	Honeywell	Controller w/ integral actuator, 24V (120V transformer)	
W7751D	Honeywell	Controller, 24V	
W7751B	Honeywell	Controller, 24V	
PVL6436AS	Honeywell	Controller w/ integral actuator, 24V	
MS VMA1410	Johnson Controls	Controller w/ integral actuator, 24V	Plastic cover with circuit board
MS VMA1420	Johnson Controls	Controller w/ integral actuator, 24V	
MS VMA1615	Johnson Controls	Controller w/ integral actuator, 24V	
MS VMA1620	Johnson Controls	Controller w/ integral actuator, 24V	
MS VMA1630	Johnson Controls	Controller w/ integral actuator, 24V	
GDE131.1P	Siemens	Damper actuator controller, 24V (120V transformer)	Plastic cover with circuit board
540-100 & GDE131	Siemens	Controller / actuator combo, 24V (277V transformer)	
540-110 & GDE131	Siemens	Controller / actuator combo, 24V (277V transformer)	
550-065 & GDE131	Siemens	Controller / actuator combo, 24V	
550-066 & GDE131	Siemens	Controller / actuator combo, 24V	
550-067 & GDE131	Siemens	Controller / actuator combo, 24V	
550-068 & GDE131	Siemens	Controller / actuator combo, 24V	
550-767 & GDE131	Siemens	Controller / actuator combo, 24V	
540-844 & GDE131	Siemens	Controller / actuator combo, 24V	
MR-VAV-AX	Schneider Electric (TAC)	Controller w/ integral actuator, 24V	
Xenta 102-AX	Schneider Electric (TAC)	Controller w/ integral actuator, 24V	
b3-866-V	Schneider Electric (Andover)	Controller w/ integral actuator, 24V	
b3-865-V	Schneider Electric (Andover)	Controller w/ integral actuator, 24V	
i2 866-V	Schneider Electric (Andover)	Controller w/ integral actuator, 24V	
i2 865-V	Schneider Electric (Andover)	Controller w/ integral actuator, 24V	
MNL-V2RV3	Schneider Electric (Invensys)	Controller w/ integral actuator, 24V	
ZN141V+	Automated Logic	Controller w/ integral actuator, 24V	Plastic cover with circuit board
ZN341V+	Automated Logic	Controller w/ integral actuator, 24V	

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

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<b>PROJECT:</b>		 <b>SDV</b> SINGLE DUCT TERMINAL VARIABLE VOLUME SEISMIC CERTIFICATION
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	
		CH 270470 07/04/2022



UNIT SIZE	INLET SIZES		WIDTH W	HEIGHT H	LENGTH	
	D				A	L
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	35 13/16 (910)
5	4 7/8 (124)					
6	5 7/8 (149)					
7	6 7/8 (175)			10 (254)		
8	7 7/8 (200)					
9	8 7/8 (225)		14 (356)	12 1/2 (318)		
10	9 7/8 (251)					
12	11 7/8 (302)				17 1/2 (445)	
14	13 7/8 (352)		18 (457)			
16	15 7/8 (403)					

**STANDARD CONSTRUCTION:**

- 1" (25mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1/2" (13mm) GALVANIZED DAMPER SHAFT WITH POSITION INDICATOR.
- LEFT HAND UNIT SHOWN (CLH) RIGHT HAND AVAILABLE.
- SILENCER - MEDIUM PRESSURE STYLE, 22 GAUGE GALVANIZED CASING WITH PERFORATED LINER OVER FIBERGLASS ACOUSTIC MEDIA.

**CONTROLS OPTIONS:**

- FIELD MOUNTED CONTROLS, SUPPLIED BY OTHERS (FLD)
- FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)

**CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP):**

- DIGITAL CONTROLS (DIG)
- PNEUMATIC CONTROLS (PNEU)

**UNIT OPTIONS:**

- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

**BOTTOM ACCESS DOOR:**

- ACCESS DOOR WITH SCREWS (AD)
- ACCESS DOOR WITH SNAP LATCHES (ADL)
- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)

**LINER OPTIONS:**

- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
- PERFORATED METAL WITH FB1 (AFPM1)

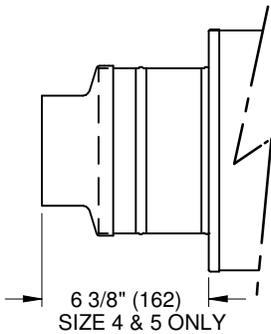
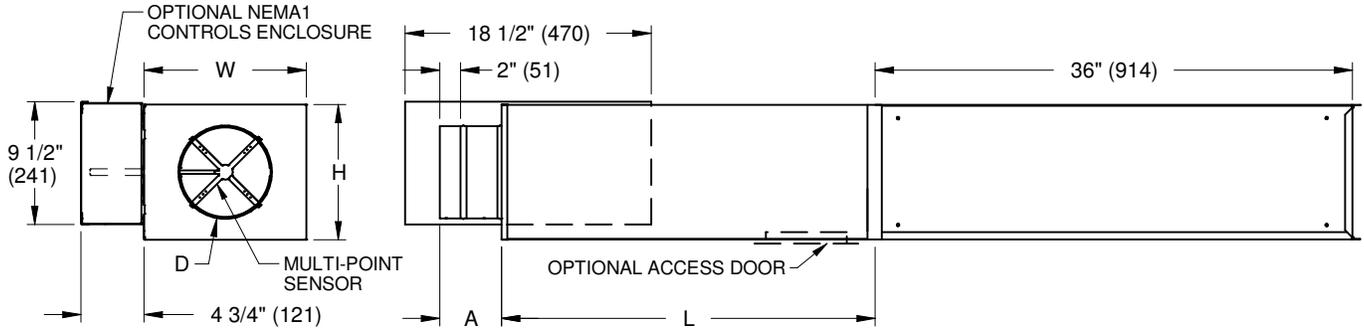
**SILENCER LINER OPTIONS:**

- POLYMER LINER (PL)
- FIBERGLASS CLOTH (FC)



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

<b>PROJECT:</b>		<b>PRICE</b>	<b>SDVQ</b>
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274123	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	



UNIT SIZE	MAX CFM (L/S)	INLET SIZES		WIDTH W	HEIGHT H	LENGTH	
		D	D			A	L
4	400 (189)	3 7/8 (98)		12 (305)	10 (254)	6 3/8 (162)	35 13/16 (910)
5	500 (236)	4 7/8 (124)					
6	550 (260)	5 7/8 (149)					
7	800 (378)	6 7/8 (175)		14 (356)	12 1/2 (318)	4 3/8 (111)	
8	1100 (519)	7 7/8 (200)					
9	1400 (661)	8 7/8 (225)		16 (406)	15 (381)		
10	1800 (850)	9 7/8 (251)					

**STANDARD CONSTRUCTION:**

- DIMENSIONAL TABLE REPRESENTS OVERSIZED CONSTRUCTION (OS).
- 1" (25mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1/2" (13mm) GALVANIZED DAMPER SHAFT WITH POSITION INDICATOR.
- LEFT HAND UNIT SHOWN (CLH), RIGHT HAND AVAILABLE.
- SILENCER - MEDIUM PRESSURE STYLE, 22 GAUGE GALVANIZED CASING WITH PERFORATED LINER OVER FIBERGLASS ACOUSTIC MEDIA.

**CONTROLS OPTIONS:**

- FIELD MOUNTED CONTROLS, SUPPLIED BY OTHERS (FLD)
- FACTORY MOUNTED DIGITAL CONTROLS, SUPPLIED BY OTHERS (FAC)

**CONTROLS SUPPLIED AND MOUNTED BY PRICE (EHP):**

- DIGITAL CONTROLS (DIG)
- PNEUMATIC CONTROLS (PNEU)

**UNIT OPTIONS:**

- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

**BOTTOM ACCESS DOOR:**

- ACCESS DOOR WITH SCREWS (AD)
- ACCESS DOOR WITH SNAP LATCHES (ADL)
- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)

**LINER OPTIONS:**

- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)
- SOLID METAL WITH FG1 (SM1)
- CLEANROOM ANGLES WITH FB1 (CRAF1)
- PERFORATED METAL WITH FB1 (AFPM1)

**SILENCER LINER OPTIONS:**

- POLYMER LINER (PL)
- FIBERGLASS CLOTH (FC)



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<b>PROJECT:</b>		<b>PRICE</b>	<b>SDVQ</b>
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		274124	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	07/04/2022	