

UNIT SIZE	INLET SIZE	WIDTH	HEIGHT	CONTROL BOX		LENGTH
	D	W	H	A	B	C
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)	14 (356)	10 (254)	17 (432)	1 (25)	4 3/8 (111)
8	7 7/8 (200)					
9	8 7/8 (225)					
10	9 7/8 (251)	16 (406)	12 1/2 (318)	17 (432)	---	---
12	11 7/8 (302)					
14	13 7/8 (352)					
16	15 7/8 (403)	20 (508)	17 1/2 (445)	17 (432)	---	---
24x16	23 7/8 (603) x 15 7/8 (403)	24 (610)	18 (457)		---	

STANDARD CONSTRUCTION:

- ASSEMBLY ETL CERTIFIED TO UL1995 & CSA236.
- MULTI-POINT, CENTER AVERAGING AIRFLOW SENSOR.
- 1/2" (13mm) 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" (13m) 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 INCLUDED.
- HINGED ACCESS DOOR.
- SINGLE POINT ELECTRICAL CONNECTION.
- LEFT HAND UNIT SHOWN (CLH) RIGHT HAND AVAILABLE.

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)
- 20 GAUGE CASING (20GA)
- 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:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)

SUPPLY VOLTAGE:

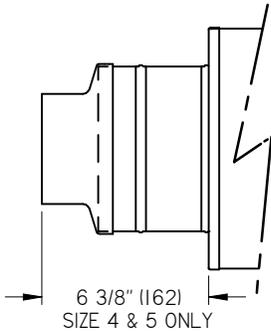
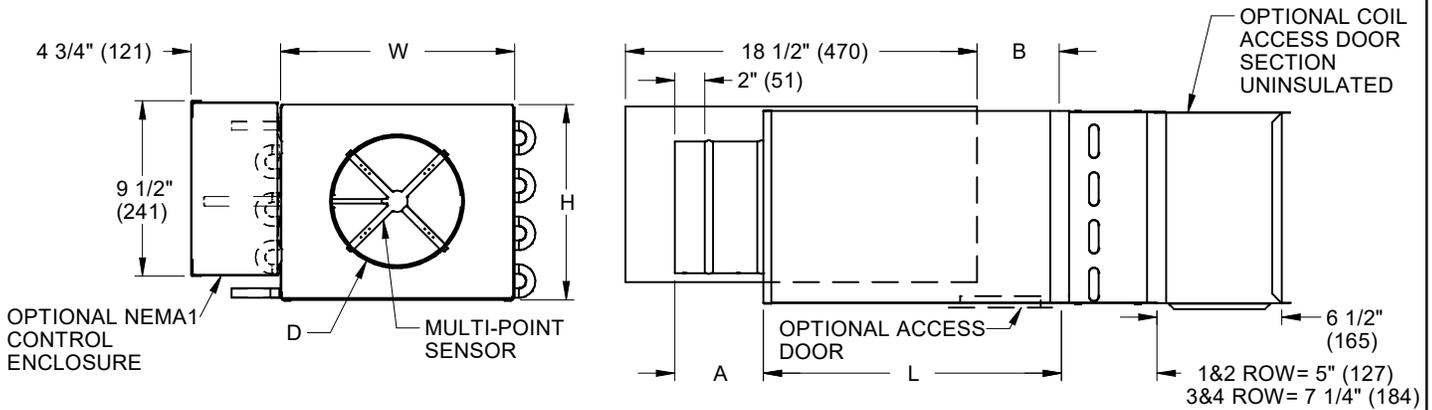
- 120/1φ
- 208/1φ (2 WIRE)
- 208/3φ (3 WIRE)
- 240/1φ
- 277/1φ
- 347/1φ
- 480/1φ
- 480/3φ (3 WIRE)
- 600/3φ (3 OR 4 WIRE)



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

PROJECT:		 SDV SINGLE DUCT TERMINAL VARIABLE VOLUME ELECTRIC COIL
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	

4
 269780
 01/03/2023



UNIT SIZE	INLET SIZES		WIDTH	HEIGHT	LENGTH					
	D	W	W	H	A	B	L			
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)			
5	4 7/8 (124)									
6	5 7/8 (149)									
7	6 7/8 (175)									
8	7 7/8 (200)									
9	8 7/8 (225)		14 (356)	12 1/2 (318)	4 3/8 (111)	5 5/16 (135)	19 1/4 (489)			
10	9 7/8 (251)									
12	11 7/8 (302)		16 (406)	15 (381)				3 1/2 (89)	2 3/4 (70)	15 1/2 (394)
14	13 7/8 (352)									
16	15 7/8 (403)		18 (457)	17 1/2 (445)						
24 x 16	23 7/8 (603) x 15 7/8 (403)	38 (965)								

STANDARD CONSTRUCTION:

- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- 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)

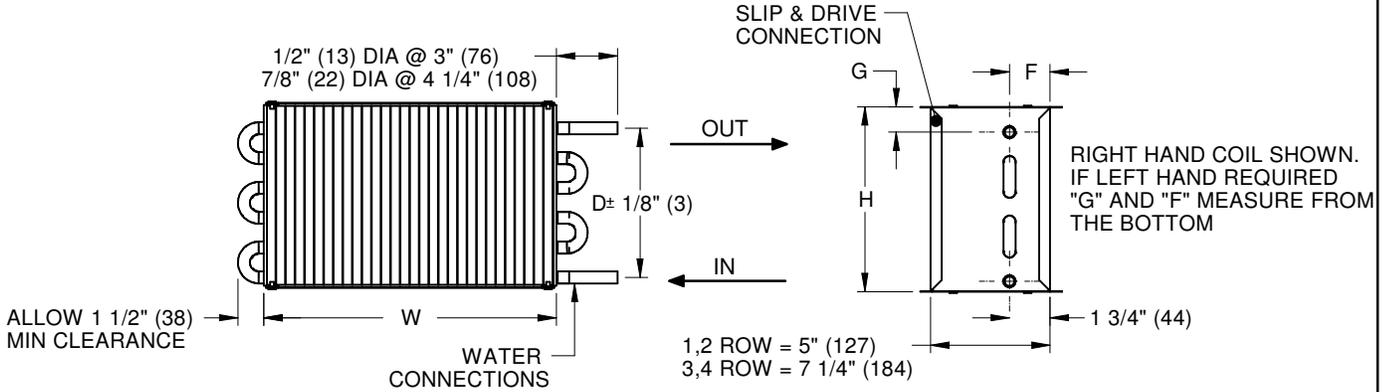
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL
ENGINEER:			
CUSTOMER:		269782	
SUBMITTAL DATE:		04/05/2021	
SPEC. SYMBOL:			



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	12 (305)	8 (203)	6 1/4 (159)	6 7/8 (175)	5 13/16 (148)	6 3/8 (162)	1 3/4 (45)					1/2 (13)	1/2 (13)	5/8 (16)	5/8 (16)	1/2 (13)	7/8 (22)	7/8 (22)
7,8		10 (254)	8 3/4 (222)	8 15/16 (227)	8 5/16 (211)	8 7/8 (225)												
9,10	14 (356)	12 1/2 (318)	10 13/16 (274)	11 7/16 (291)	10 13/16 (275)	11 3/8 (289)	3 1/2 (89)	2 7/8 (73)	3 7/8 (98)	4 15/16 (125)	5/8 (16)	1/2 (13)	5/8 (16)	5/8 (16)	7/8 (22)	7/8 (22)	7/8 (22)	
12	16 (406)	15 (381)	13 5/16 (338)	13 15/16 (354)	13 5/16 (338)	13 7/8 (352)												
14	20 (508)	17 1/2 (445)	15 13/16 (401)	16 7/16 (418)	15 13/16 (402)	16 3/8 (416)												
16	24 (610)	18 (457)																
24x16	38 (965)																	

NOTE: IF OVERSIZED (OS) IS SELECTED, FOLLOW DATA FROM NEXT UNIT SIZE UP.

STANDARD CONSTRUCTION:

- FABRICATED FROM 22 GAUGE GALVANIZED STEEL MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINNS 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.
- HANDING 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 FINNS PER INCH.
- IT IS NOT RECOMENDED TO FIELD FLIP 3 & 4 ROW COILS. INDICATE HANDING WHILE ORDERING.
- 0.0045" (0.11) ALUMINUM FINNS.
- 0.0160" (0.41) COPPER TUBE WALL THICKNESS.

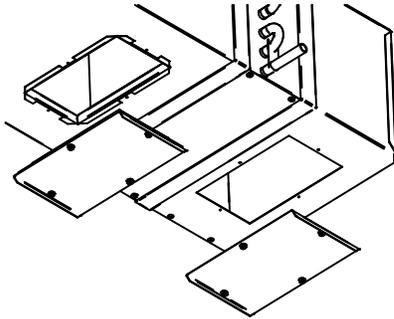
COIL OPTIONS:

- HIGH CAPACITY 1 & 2 ROW WATER COIL SUPPLIED WITH 12 FINNS PER INCH (HC)
- OVERSIZED UNIT CASING AND WATER COIL (OS)

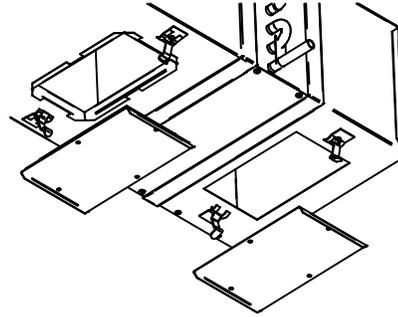


ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

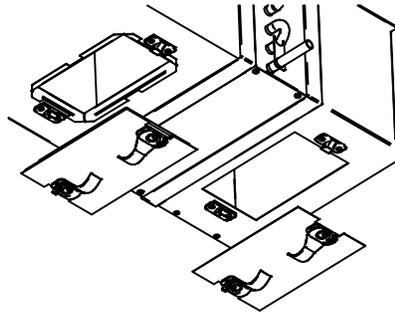
PROJECT:		PRICE	
ENGINEER:			
CUSTOMER:		270295	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL
SUBMITTAL DATE:	SPEC. SYMBOL:	03/24/2022	



ADD - DUAL ACCESS DOOR WITH SCREWS



ADDL - DUAL ACCESS DOOR WITH SNAP LATCHES



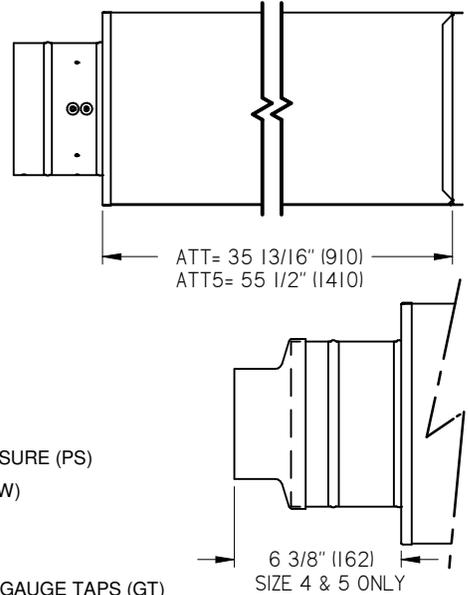
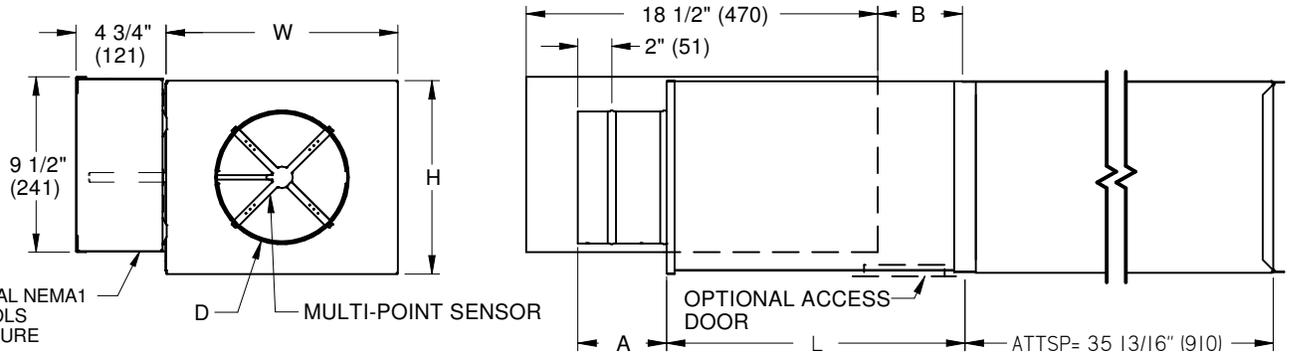
ADDQ - DUAL ACCESS DOOR WITH QUARTER TURN LATCHES

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.

PROJECT:		PRICE [®]	
ENGINEER:		G	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL ACCESS
CUSTOMER:		270295	
SUBMITTAL DATE:	SPEC. SYMBOL:	03/24/2022	



UNIT SIZE	INLET SIZES		WIDTH W	HEIGHT H	LENGTH				
	D				A	B	L		
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)		
5	4 7/8 (124)								
6	5 7/8 (149)								
7	6 7/8 (175)								
8	7 7/8 (200)								
9	8 7/8 (225)		14 (356)	12 1/2 (318)	4 3/8 (111)				
10	9 7/8 (251)								
12	11 7/8 (302)								
14	13 7/8 (352)		20 (508)	17 1/2 (445)				5 5/16 (135)	19 1/4 (489)
16	15 7/8 (403)								
24 x 16	23 7/8 (603) x 15 7/8 (403)		38 (965)	18 (457)	3 1/2 (89)	2 3/4 (70)	15 1/2 (394)		

STANDARD CONSTRUCTION:

- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- 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)

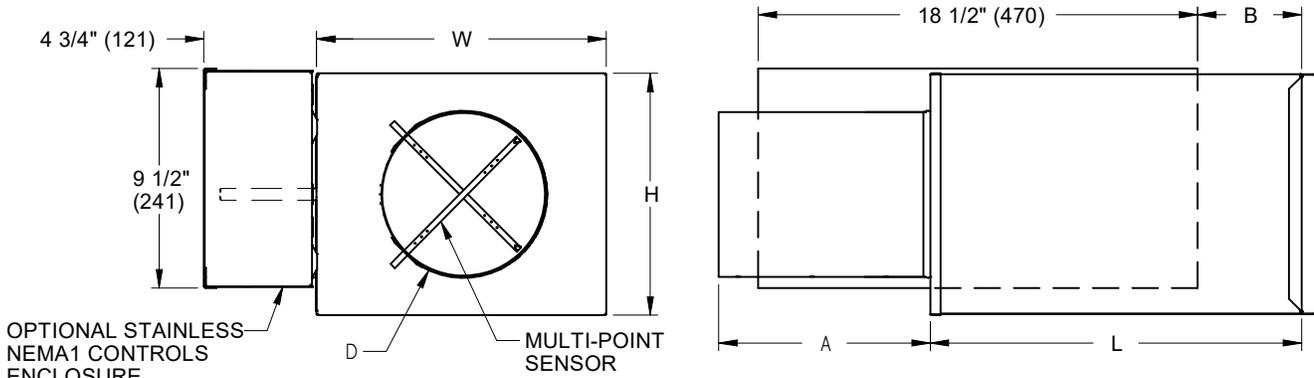
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



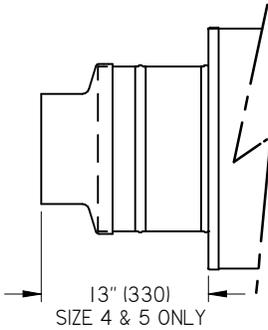
ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME ATTENUATORS
ENGINEER:			
CUSTOMER:		270452	
SUBMITTAL DATE:	SPEC. SYMBOL:	02/01/2023	



OPTIONAL STAINLESS NEMA1 CONTROLS ENCLOSURE

MULTI-POINT SENSOR



UNIT SIZE	INLET SIZES		WIDTH	HEIGHT	LENGTH		
	D		W	H	A	B	L
4	3 7/8 (98)		12 (305)	8 (203)	11 (279)	3 13/16 (97)	15 3/4 (400)
5	4 7/8 (124)						
6	5 7/8 (149)						
7	6 7/8 (175)			10 (254)			
8	7 7/8 (200)		14 (356)	12 1/2 (318)	9 (229)	5 5/16 (135)	19 1/4 (489)
9	8 7/8 (225)						
10	9 7/8 (251)						
12	11 7/8 (302)			16 (406)	15 (381)		
14	13 7/8 (352)		20 (508)	17 1/2 (445)			
16	15 7/8 (403)		24 (610)	18 (457)			

STANDARD CONSTRUCTION:

- 1/2" (13mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 20 GAUGE 316 STAINLESS STEEL HOUSING. MECHANICALLY SEALED AND LEAK RESISTANT CONSTRUCTION.
- STAINLESS STEEL HARDWARE AND MULTI-POINT SENSOR PROVIDED.
- RECTANGULAR DISCHARGE OPENING WITH SLIP AND DRIVE CLEAT DUCT CONNECTION.
- 1/2" (13mm) 304 STAINLESS STEEL DAMPER SHAFT WITH POSITION INDICATOR.
- LEFT HAND UNIT SHOWN (CLH) RIGHT HAND AVAILABLE.

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:

- STAINLESS STEEL NEMA1 ENCLOSURE (SSPS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)
- DISCONNECT SWITCH (DSW)
- HANGER BRACKETS (HB)

LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- FIBER FREE FOAM 1" (25mm) (FF1)
- FOIL FACED FIBERGLASS BOARD 1" (25mm) (FB1)



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

PROJECT:		PRICE [®]	
ENGINEER:			
CUSTOMER:		270458	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME STAINLESS STEEL
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021	

ACCESS DOOR FRAME
(NOT PROVIDED FOR FF LINERS)

2 1/2" (64)

GASKET

FG1 OR FF1 INSULATION

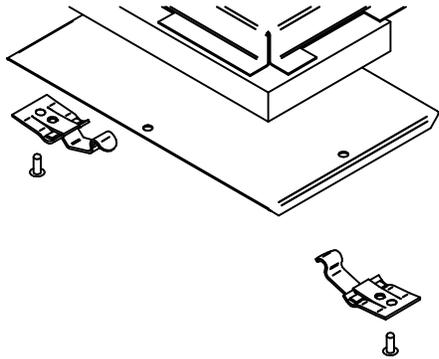
SCREW FASTENER

HOUSING

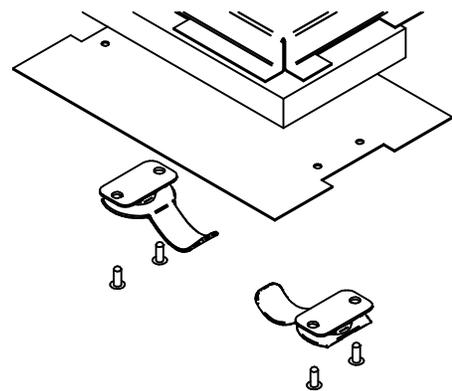
DUAL WALL
(NOT PROVIDED FOR FF LINERS)

ACCESS DOOR PANEL

AD - ACCESS DOOR WITH SCREWS



ADL - ACCESS DOOR WITH SNAP LATCHES



ADQ - ACCESS DOOR WITH QUARTER TURN LATCHES

STANDARD CONSTRUCTION:

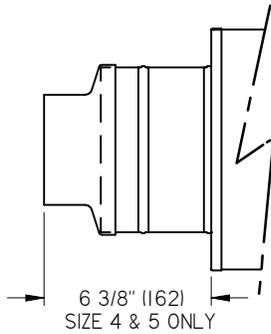
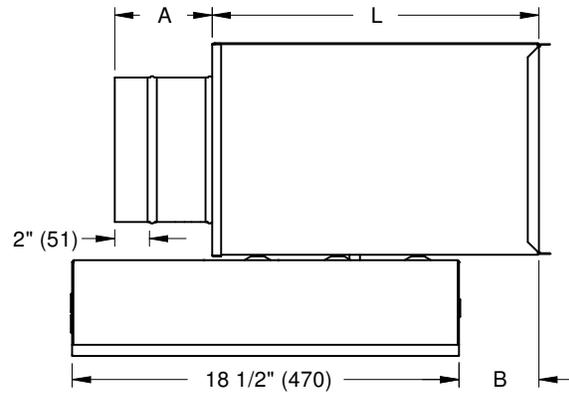
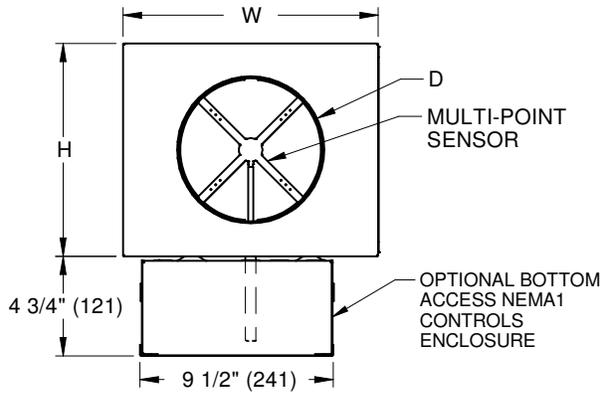
- ACCESS DOOR OPENING IS 4" (102) X 6 3/4"(171).
- BOTTOM ACCESS DOOR FOR INSPECTION AND MAINTENANCE OF COIL.
- DUAL WALL CONSTRUCTION (NOT PROVIDED FOR FF LINERS).
- GASKETED PERIMETER FOR ALL FASTENER TYPES.

ACCESS DOOR OPTIONS:

- SCREWS (AD)
- SNAP LATCHES (ADL)
- QUARTER TURN LATCHES (ADQ)
- TOP & BOTTOM ACCESS DOORS (TB)

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

PROJECT:		PRICE [®]	
ENGINEER:		GH	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME ACCESS DOOR
CUSTOMER:		270301	
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021	



UNIT SIZE	INLET SIZES	WIDTH	HEIGHT	LENGTH		
	D	W	H	A	B	L
4	3 7/8 (98)	12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)
5	4 7/8 (124)					
6	5 7/8 (149)					
7	6 7/8 (175)					
8	7 7/8 (200)					
9	8 7/8 (225)	14 (356)	12 1/2 (318)	4 3/8 (111)	5 5/16 (135)	19 1/4 (489)
10	9 7/8 (251)					
12	11 7/8 (302)					
14	13 7/8 (352)					
16	15 7/8 (403)	24 (610)	18 (457)			

STANDARD CONSTRUCTION:

- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

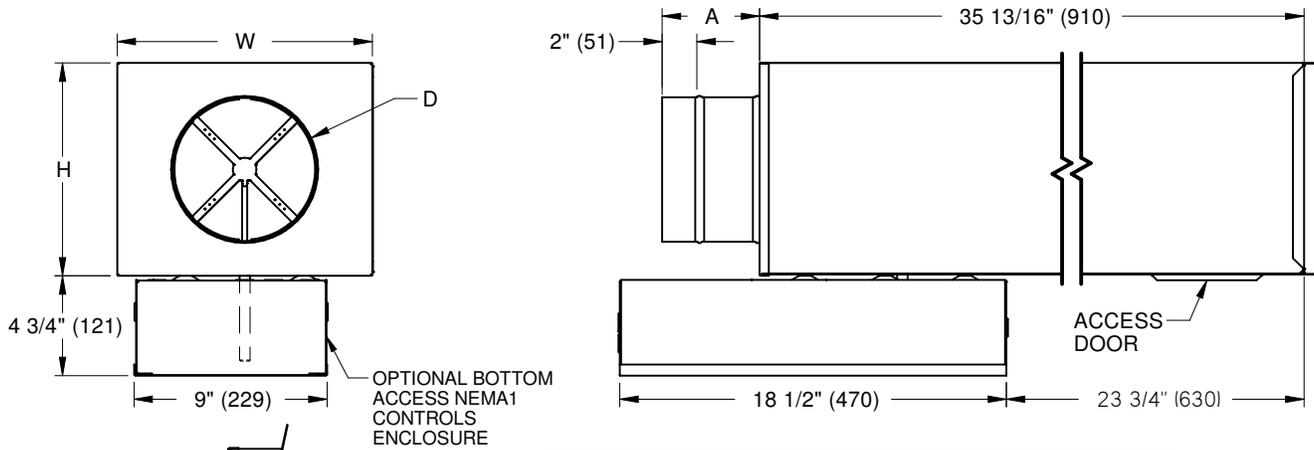
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE	SDV
ENGINEER:			
CUSTOMER:		270464	
SUBMITTAL DATE:	SPEC. SYMBOL:	01/17/2022	



UNIT SIZE	INLET SIZES		WIDTH	HEIGHT	LENGTH	
	D		W	H	A	
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	
5	4 7/8 (124)			10 (254)		
6	5 7/8 (149)			14 (356)	12 1/2 (318)	4 3/8 (111)
7	6 7/8 (175)					
8	7 7/8 (200)					
9	8 7/8 (225)					
10	9 7/8 (251)		16 (406)	15 (381)		
12	11 7/8 (302)		20 (508)	17 1/2 (445)		
14	13 7/8 (352)		24 (610)	18 (457)		
16	15 7/8 (403)					

STANDARD CONSTRUCTION:

- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- 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)

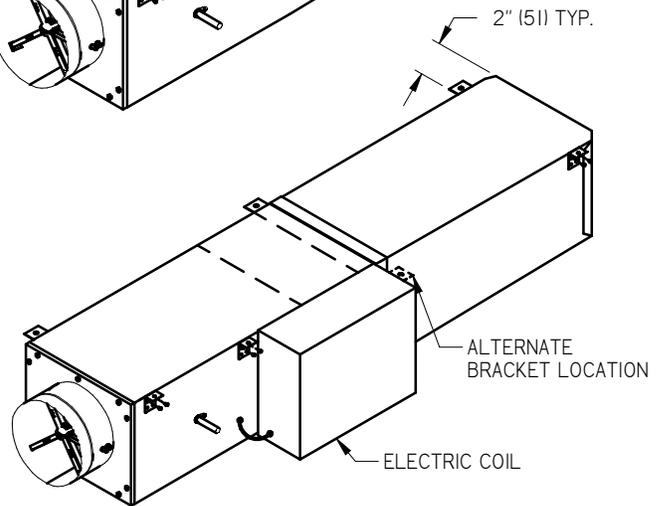
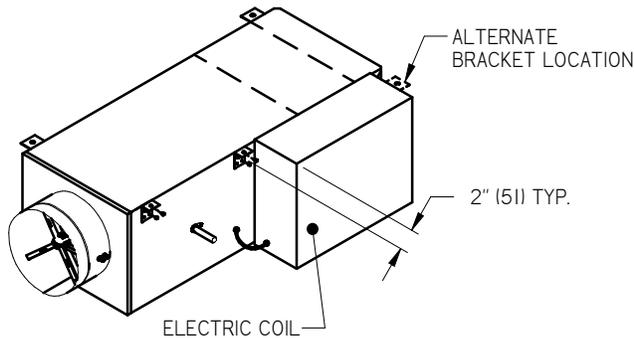
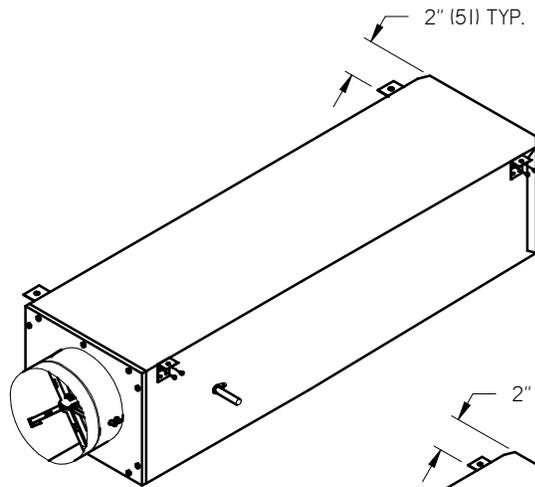
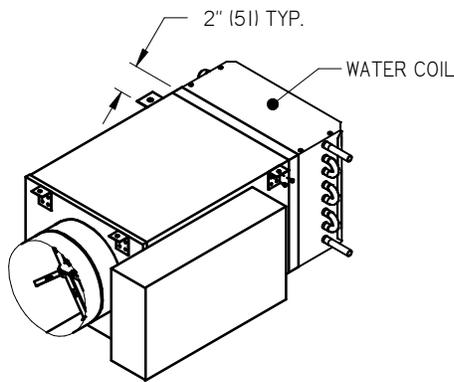
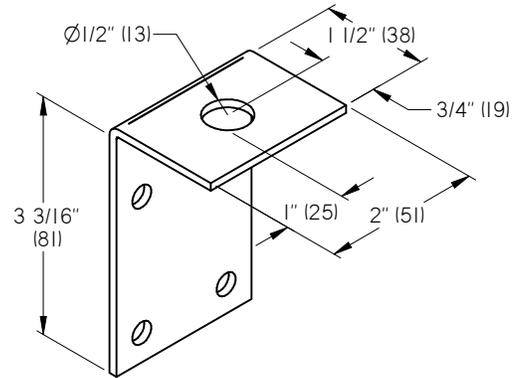
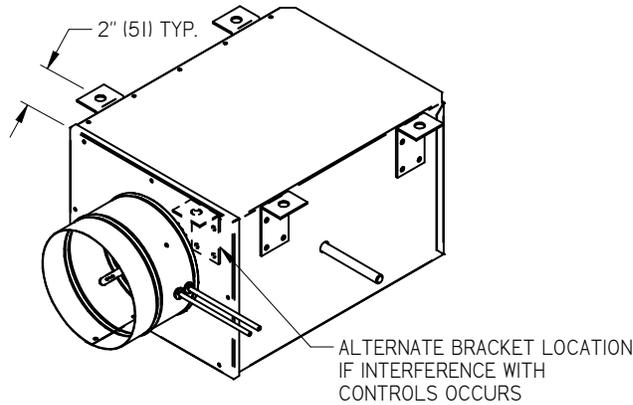
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE [®]
ENGINEER:		
CUSTOMER:		G
SUBMITTAL DATE:		270464
SPEC. SYMBOL:		01/17/2022
SDV SINGLE DUCT TERMINAL VARIABLE VOLUME CONTROL BOTTOM ACCESS DOOR DETAIL		

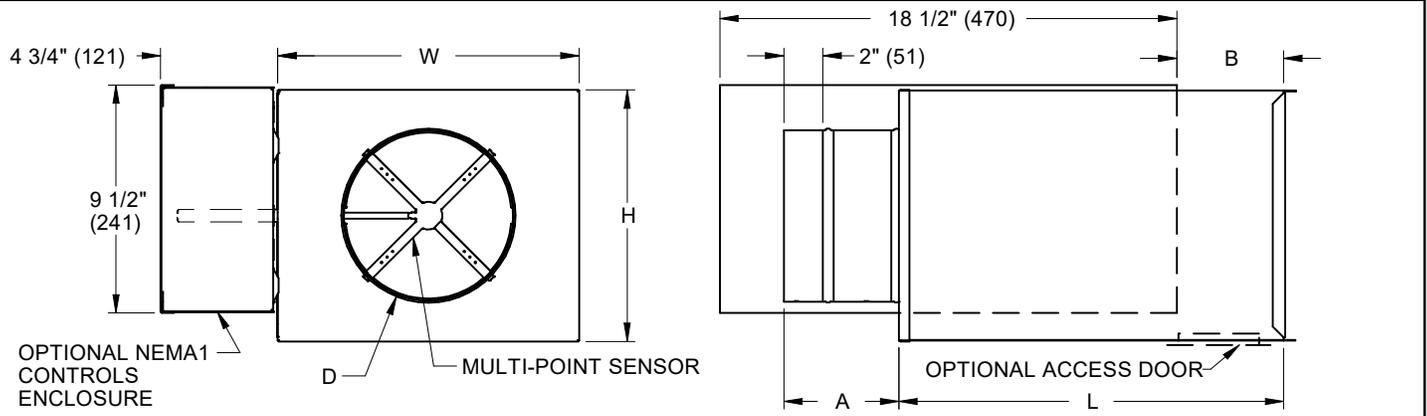


NOTES:

- 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.

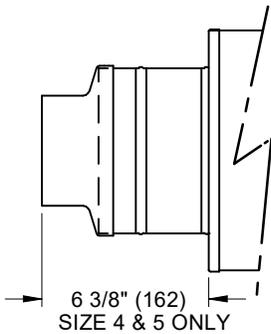
PROJECT:		PRICE [®]	
ENGINEER:			
CUSTOMER:		270468	SINGLE DUCT TERMINAL VARIABLE VOLUME HANGER BRACKET
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021	



OPTIONAL NEMA1 CONTROLS ENCLOSURE

D MULTI-POINT SENSOR

OPTIONAL ACCESS DOOR



UNIT SIZE	MAX CFM (L/S)	INLET SIZES			HEIGHT H	LENGTH		
		D	W			A	B	L
4	400 (189)	3 7/8 (98)	12 (305)	10 (254)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)	
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)	3 13/16 (97)	15 3/4 (400)	
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)						
12	2600 (1227)	11 7/8 (302)	20 (508)	17 1/2 (445)				
14	3700 (1746)	13 7/8 (352)						
16	5000 (2360)	15 7/8 (403)	24 (610)	18 (457)	5 5/16 (135)	19 1/4 (489)		

STANDARD CONSTRUCTION:

- DIMENSIONAL TABLE REPRESENTS OVERSIZED CONSTRUCTION (OS).
- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- 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)

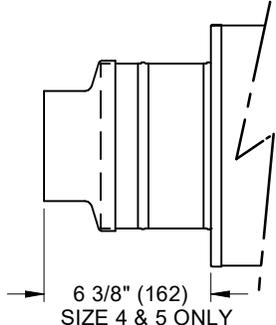
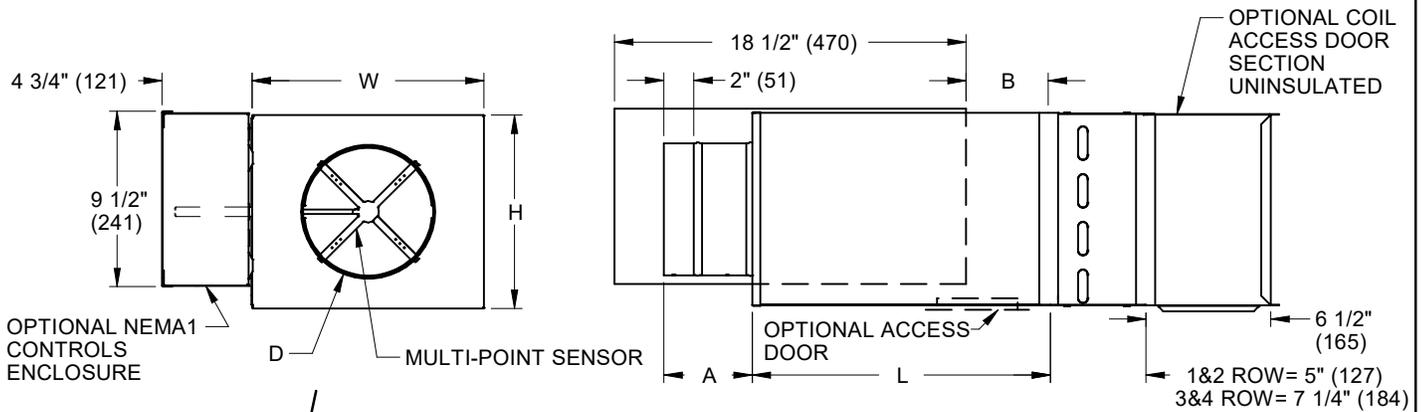
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		 SDV SINGLE DUCT TERMINAL VARIABLE VOLUME OVERSIZED
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		4 273389 04/05/2021



UNIT SIZE	MAX CFM (L/S)	INLET SIZES		WIDTH	HEIGHT	LENGTH		
		D	W			A	B	L
4	400 (189)	3 7/8 (98)	12 (305)	10 (254)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)	
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)	3 13/16 (97)	15 3/4 (400)	
8	1100 (519)	7 7/8 (200)						
9	1400 (661)	8 7/8 (225)	16 (406)	15 (381)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)	
10	1800 (850)	9 7/8 (251)						
12	2600 (1227)	11 7/8 (302)	20 (508)	17 1/2 (445)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)	
14	3700 (1746)	13 7/8 (352)						
16	5000 (2360)	15 7/8 (403)	38 (965)	18 (457)	4 3/8 (111)	5 5/16 (135)	19 1/4 (489)	

STANDARD CONSTRUCTION:

- DIMENSIONAL TABLE REPRESENTS OVERSIZED CONSTRUCTION (OS).
- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- 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)

LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)

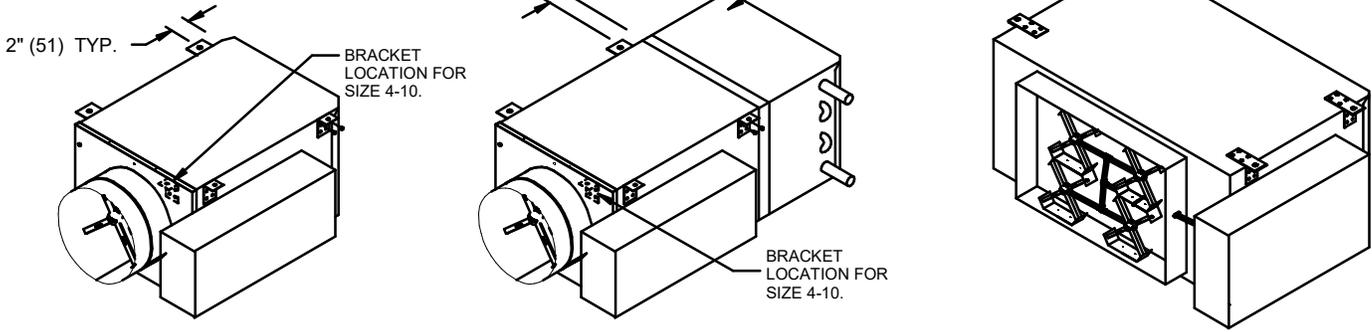


ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

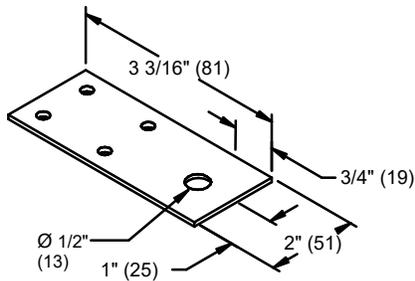
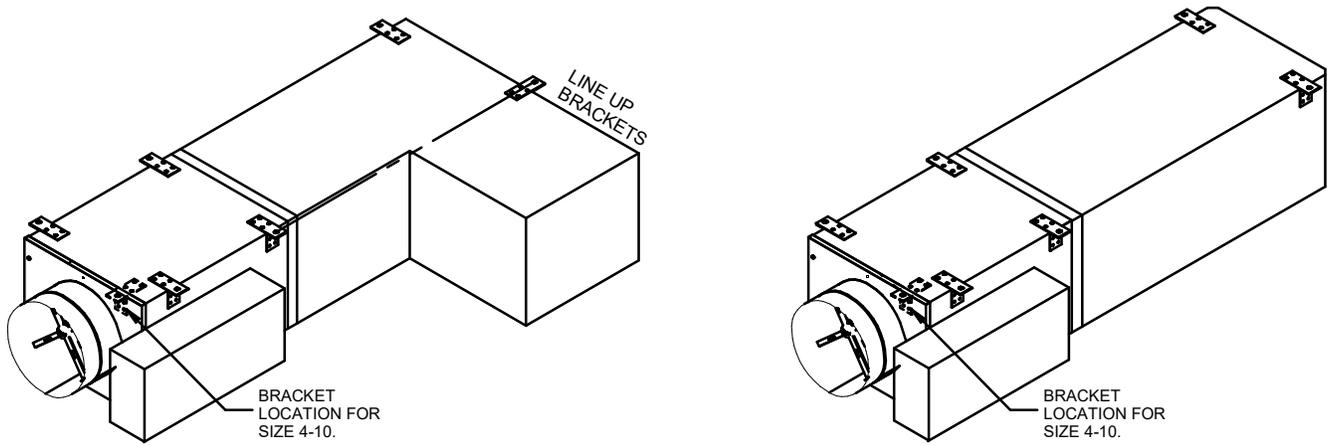
PROJECT:		 SDV SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL OVERSIZED
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		G 270454 04/05/2021

SEISMIC HANGER BRACKET LOCATIONS

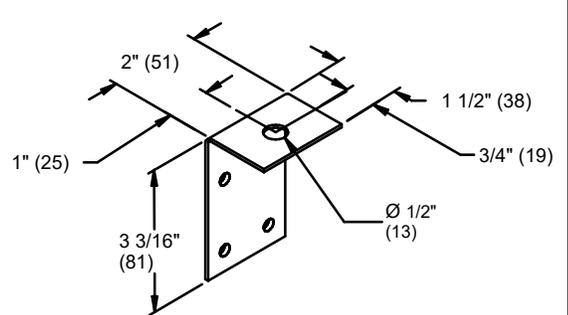
NOTE:
SDV SIZE 4-16, WITH OR WITHOUT A WATER COIL,
REQUIRE 90° HANGER BRACKETS ONLY.
SDV SIZE 24x16, REQUIRES 90° HANGER BRACKETS AS
WELL AS SHEAR HANGER BRACKETS.



NOTE:
SDV-Q 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.

PROJECT:		 SDV SINGLE DUCT TERMINAL VARIABLE VOLUME SEISMIC CERTIFICATION
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		G 270470 04/05/2021

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

PROJECT:		
ENGINEER:		
CUSTOMER:		270470
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021

SDV
SINGLE DUCT TERMINAL
VARIABLE VOLUME
SEISMIC CERTIFICATION

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

SDV / SDV-Q 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 / SDV-Q Silencers		
Model Number	Manufacturer	Liner Material
SDV-Q Elbow Silencer	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) liner.
SDV-Q 3' Silencer (36")	Price	
SDV 3' Attenuator (36")	Price	
SDV 5' Attenuator (59")	Price	
5' Silencer (60")	Price	

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.

PROJECT:		
ENGINEER:		
CUSTOMER:		G 270470
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021

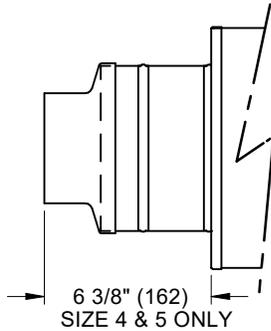
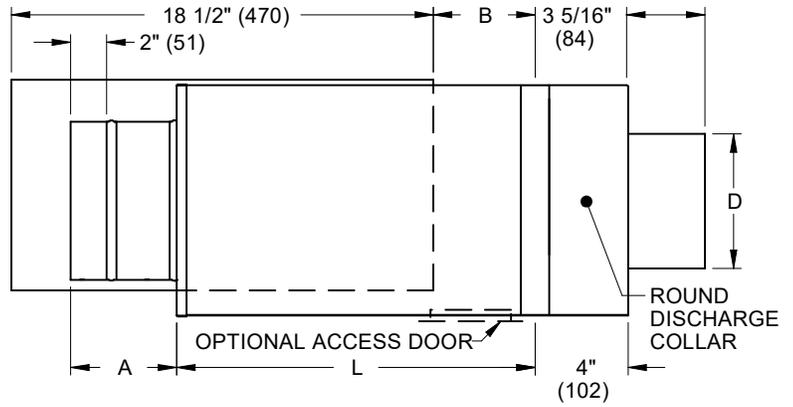
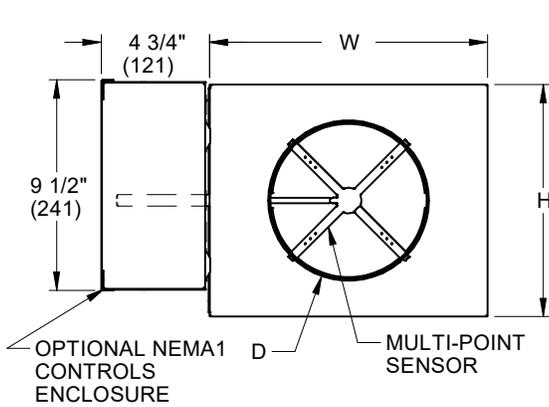
SDV
SINGLE DUCT TERMINAL
VARIABLE VOLUME
SEISMIC CERTIFICATION

SDV/SDV-Q 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.

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:	
		 270470 04/05/2021
SDV SINGLE DUCT TERMINAL VARIABLE VOLUME SEISMIC CERTIFICATION		



UNIT SIZE	INLET SIZES		WIDTH W	HEIGHT H	LENGTH		
	D				A	B	L
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)
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)			15 (381)			
12	11 7/8 (302)						
14	13 7/8 (352)		17 1/2 (445)	5 5/16 (135)			
16	15 7/8 (403)				19 1/4 (489)		

STANDARD CONSTRUCTION:

- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- 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)

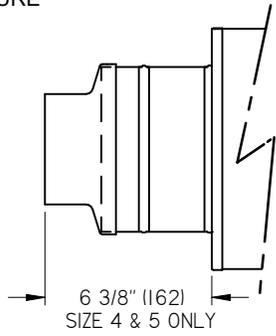
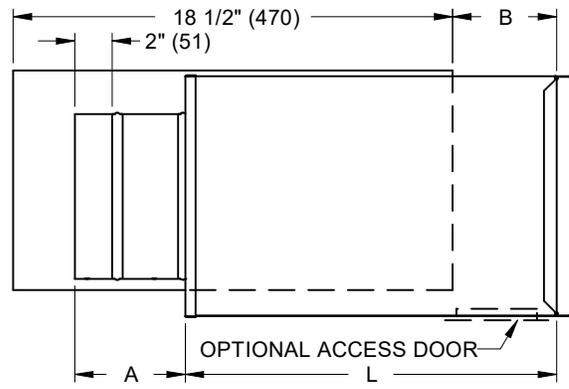
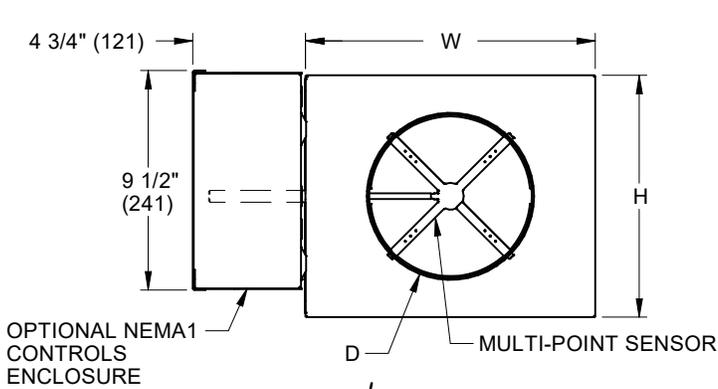
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE	SDV
ENGINEER:			
CUSTOMER:		270487	
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021	



UNIT SIZE	INLET SIZES		WIDTH W	HEIGHT H	LENGTH		
	D				A	B	L
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)
5	4 7/8 (124)						
6	5 7/8 (149)						
7	6 7/8 (175)						
8	7 7/8 (200)						
9	8 7/8 (225)		14 (356)	12 1/2 (318)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)
10	9 7/8 (251)						
12	11 7/8 (302)						
14	13 7/8 (352)						
16	15 7/8 (403)		24 (610)	18 (457)	5 5/16 (135)	19 1/4 (489)	

STANDARD CONSTRUCTION:

- FACTORY LEAK TESTED CASING UP TO 1.5% OF MAX FLOW AT 6" W.G.
- FACTORY LEAK TESTED DAMPER UP TO 1% OF MAX FLOW AT 6" W.G.
- LEAKAGE CERTIFICATION LABEL PROVIDED BY FACTORY.
- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

BOTTOM ACCESS DOOR:

- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)
 - SIZES 4 TO 8 ACCESS SIZE IS 10" (254) X 12" (305)
 - SIZES 9 TO 16 ACCESS SIZE IS 12" (305) X 12" (305)

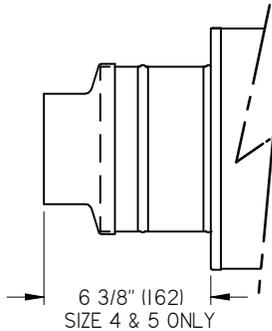
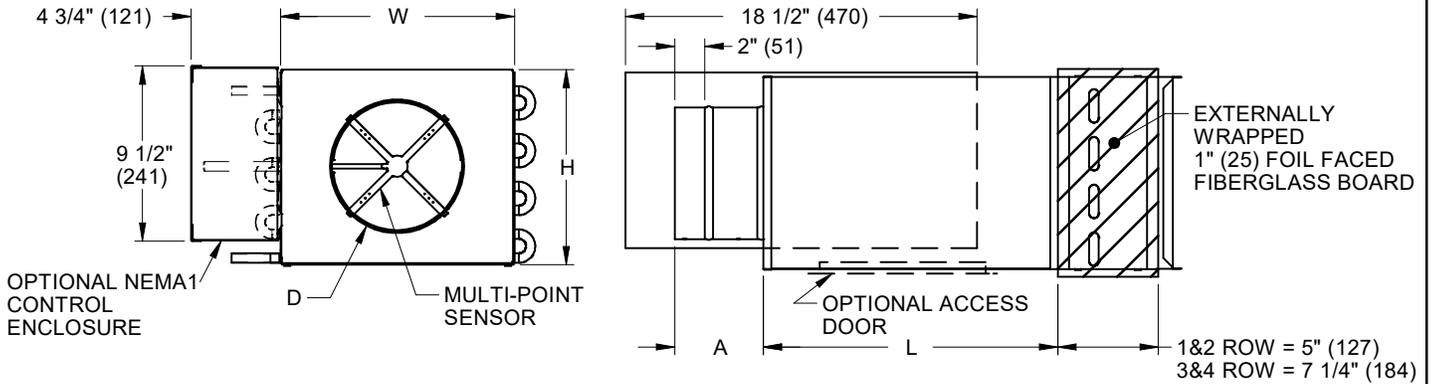
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		G
SUBMITTAL DATE:		270456
SPEC. SYMBOL:		04/05/2021
SDV SINGLE DUCT TERMINAL VARIABLE VOLUME CERTIFIED LOW LEAKAGE		



UNIT SIZE	INLET SIZES		WIDTH W	HEIGHT H	LENGTH			
	D				A	B	L	
4	3 7/8 (98)		12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)	
5	4 7/8 (124)							
6	5 7/8 (149)							
7	6 7/8 (175)							
8	7 7/8 (200)		14 (356)	10 (254)	4 3/8 (111)	5 5/16 (135)	19 1/4 (489)	
9	8 7/8 (225)							
10	9 7/8 (251)							
12	11 7/8 (302)							
14	13 7/8 (352)		20 (508)	17 1/2 (445)	5 5/16 (135)	19 1/4 (489)		
16	15 7/8 (403)							
			24 (610)	18 (457)				

STANDARD CONSTRUCTION:

- FACTORY LEAK TESTED CASING UP TO 1.5% OF MAX FLOW AT 6" W.G.
- FACTORY LEAK TESTED DAMPER UP TO 1% OF MAX FLOW AT 6" W.G.
- LEAKAGE CERTIFICATION LABEL PROVIDED BY FACTORY.
- 1/2" (13mm) THICK INTERNAL FIBERGLASS INSULATION WHICH MEETS REQUIREMENTS OF NFPA 90A AND UL181.
- 22 GAUGE GALVANIZED STEEL HOUSING. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- RECTANGULAR DISCHARGE 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.

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)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

UNIT ACCESS DOOR:

- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)
 - SIZES 4 TO 8 ACCESS SIZE IS 10" (254) X 12" (305)
 - SIZES 9 TO 16 ACCESS SIZE IS 12" (305) X 12" (305)

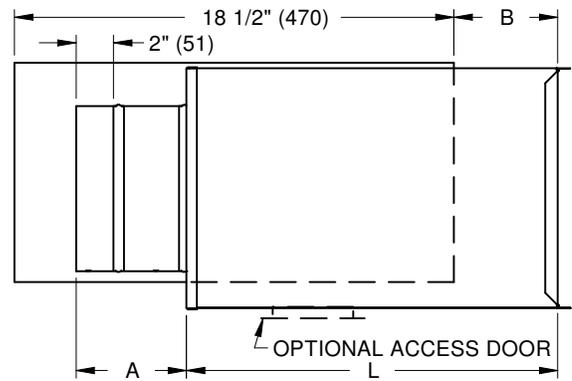
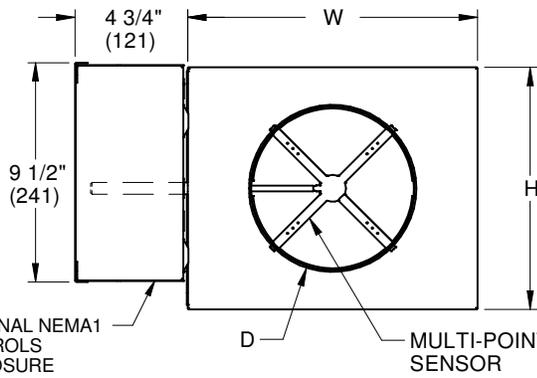
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE	SDV
ENGINEER:			
CUSTOMER:		270472	
SUBMITTAL DATE:	SPEC. SYMBOL:	04/05/2021	

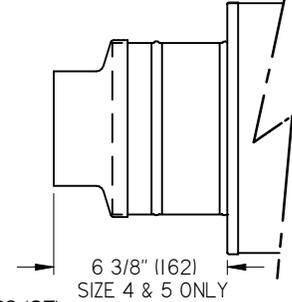
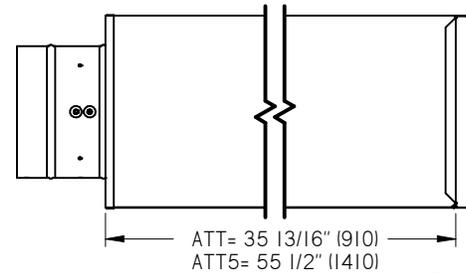


OPTIONAL NEMA1 CONTROLS ENCLOSURE

D MULTI-POINT SENSOR

OPTIONAL ACCESS DOOR

UNIT SIZE	INLET SIZES	WIDTH W	HEIGHT H	LENGTH		
	D			A	B	L
4	3 7/8 (98)	12 (305)	8 (203)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)
5	4 7/8 (124)					
6	5 7/8 (149)					
7	6 7/8 (175)					
8	7 7/8 (200)	14 (356)	10 (254)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)
9	8 7/8 (225)					
10	9 7/8 (251)					
12	11 7/8 (302)	16 (406)	15 (381)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)
14	13 7/8 (352)	20 (508)	17 1/2 (445)			
16	15 7/8 (403)	24 (610)	18 (457)			
					5 5/16 (135)	19 1/4 (489)



STANDARD CONSTRUCTION:

- FACTORY LEAK TESTED CASING UP TO 1.5% OF MAX FLOW AT 6" W.G.
- FACTORY LEAK TESTED DAMPER UP TO 1% OF MAX FLOW AT 6" W.G.
- LEAKAGE CERTIFICATION LABEL PROVIDED BY FACTORY.
- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)

BOTTOM ACCESS DOOR:

- ACCESS DOOR WITH QUARTER TURN LATCHES (ADQ)
 - SIZES 4 TO 8 ACCESS SIZE IS 10" (254) X 12" (305)
 - SIZES 9 TO 16 ACCESS SIZE IS 12" (305) X 12" (305)

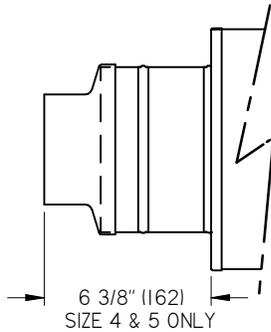
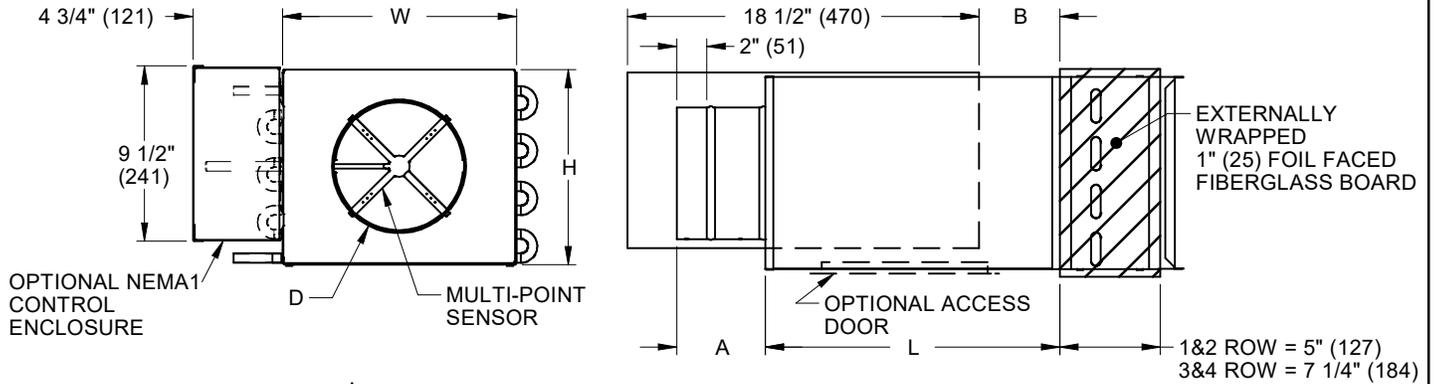
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		G
SUBMITTAL DATE:		272770
SPEC. SYMBOL:		02/01/2023
SDV SINGLE DUCT TERMINAL VARIABLE VOLUME CERTIFIED LOW LEAKAGE ATTENUATORS		



UNIT SIZE	MAX CFM (L/S)	INLET SIZES		WIDTH		HEIGHT		LENGTH		
		D	W	H	A	B	L			
4	400 (189)	3 7/8 (98)	12 (305)	10 (254)	6 3/8 (162)	3 13/16 (97)	15 3/4 (400)			
5	500 (236)	4 7/8 (124)								
6	550 (260)	5 7/8 (149)	14 (356)	12 1/2 (318)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)			
7	800 (378)	6 7/8 (175)								
8	1100 (519)	7 7/8 (200)	16 (406)	15 (381)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)			
9	1400 (661)	8 7/8 (225)								
10	1800 (850)	9 7/8 (251)	20 (508)	17 1/2 (445)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)			
12	2600 (1227)	11 7/8 (302)								
14	3700 (1746)	13 7/8 (352)	24 (610)	18 (457)	4 3/8 (111)	3 13/16 (97)	15 3/4 (400)			
16	5000 (2360)	15 7/8 (403)								

STANDARD CONSTRUCTION:

- FACTORY LEAK TESTED CASING UP TO 1.5% OF MAX FLOW AT 6" W.G.
- FACTORY LEAK TESTED DAMPER UP TO 1% OF MAX FLOW AT 6" W.G.
- LEAKAGE CERTIFICATION LABEL PROVIDED BY FACTORY.
- DIMENSIONAL TABLE REPRESENTS OVERSIZED CONSTRUCTION (OS).
- 1/2" (13mm) 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.

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)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- 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)

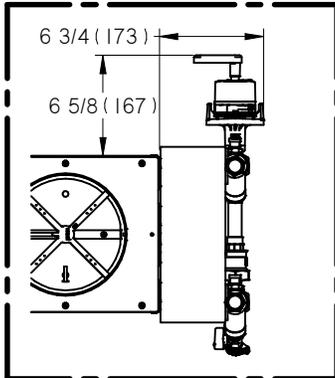
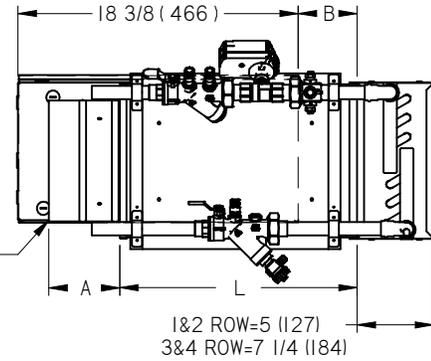
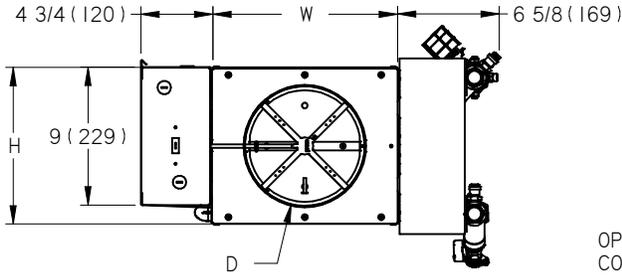
LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (13mm) (FF50)
- FIBER FREE FOAM 3/4" (19mm) (FF75)
- 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)



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

PROJECT:		 SDV SINGLE DUCT TERMINAL VARIABLE VOLUME CERTIFIED LOW LEAKAGE WATER COIL OVERSIZED
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	



3-WAY DETAIL

UNIT SIZE	MAX CFM	MAX L/S	WIDTH	HEIGHT	INLET SIZES	LENGTH			
			W	H	D	L	A	B	
4	400	189	12 (305)	8 (203)	3 7/8 (98)	15 3/4 (400)	6 3/8 (162)	3 13/16 (97)	
5	500	236			4 7/8 (124)				
6	550	260		5 7/8 (149)					
7	800	378		6 7/8 (175)					
8	1100	519	14 (356)	10 (254)	7 7/8 (200)		4 3/8 (111)		
9	1400	661		12 1/2 (318)	8 7/8 (225)				
10	1800	850	16 (406)	15 (381)	9 7/8 (251)		19 1/4 (489)		5 5/16 (135)
12	2600	1227			11 7/8 (302)				
14	3700	1746	20 (508)	17 1/2 (445)	13 7/8 (352)	3 1/2 (89)		2 3/4 (70)	
16	5000	2360	24 (610)	18 (457)	15 7/8 (403)				
24 x 16	8400	3964	38 (965)		23 7/8 (603) x 15 7/8 (403)	15 1/2 (394)			

STANDARD CONSTRUCTION:

- 1/2" (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.
- 1/2" (13mm) ZINC PLATED DAMPER SHAFT WITH POSITION INDICATOR.
- SIZES 4 & 5 USE AN INLET REDUCER.

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)

UNIT OPTIONS:

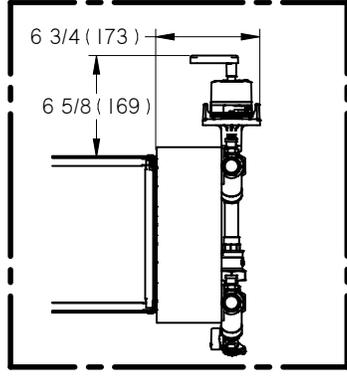
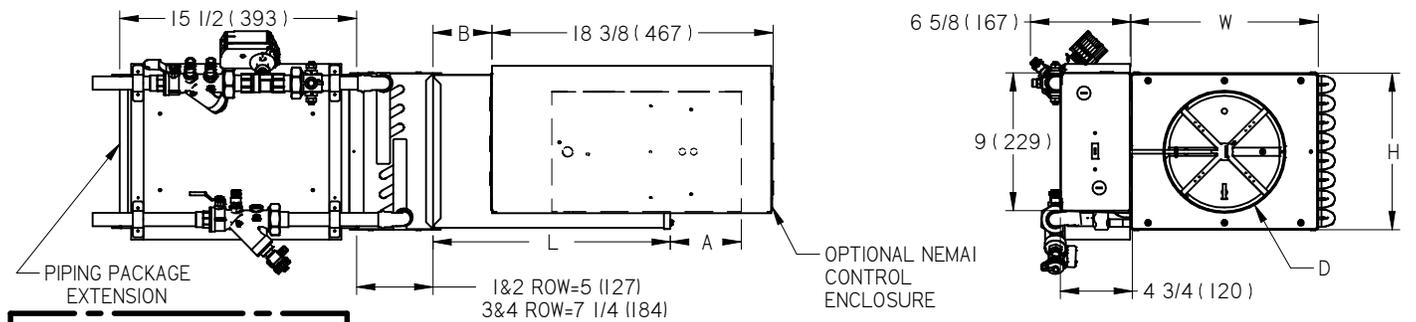
- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)
- ACCESS DOOR (AD)

LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (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)

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

PROJECT:		PRICE	
ENGINEER:			
CUSTOMER:		273957	SINGLE DUCT TERMINAL VARIABLE VOLUME PIPING PACKAGE CONTROLS/PIPING PACKAGE OPPOSITE SIDE
SUBMITTAL DATE:	SPEC. SYMBOL:	02/06/2023	



3-WAY DETAIL

UNIT SIZE	MAX CFM	MAX L/S	WIDTH		HEIGHT	INLET SIZES		LENGTH		
			W	H		D	L	A	B	
4	400	189	12 (305)	8 (203)	3 7/8 (98)	15 3/4 (400)	6 3/8 (162)	3 13/16 (97)	4 3/8 (111)	5 5/16 (135)
5	500	236								
6	550	260								
7	800	378								
8	1100	519								
9	1400	661	14 (356)	12 1/2 (318)	8 7/8 (225)	19 1/4 (489)	4 3/8 (111)	5 5/16 (135)		
10	1800	850								
12	2600	1227	16 (406)	15 (381)	11 7/8 (302)	15 1/2 (394)	3 1/2 (89)	2 3/4 (70)		
14	3700	1746	20 (508)	17 1/2 (445)	13 7/8 (352)					
16	5000	2360	24 (610)	18 (457)	15 7/8 (403)					
24 x 16	8400	3964	38 (965)		23 7/8 (603) x 15 7/8 (403)					

STANDARD CONSTRUCTION:

- 1/2" (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.
- 1/2" (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)

UNIT OPTIONS:

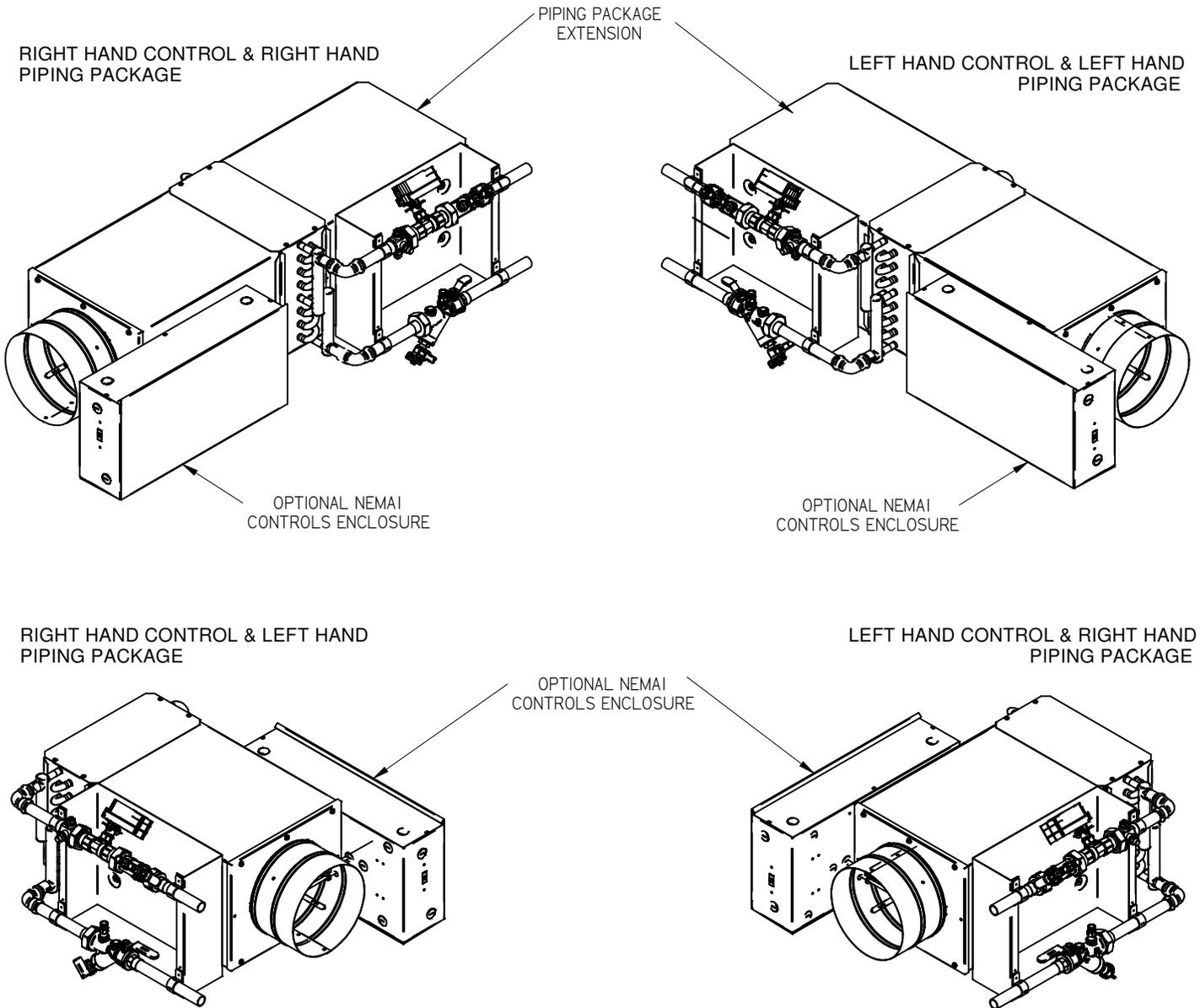
- NEMA1 CONTROLS ENCLOSURE (PS)
- DISCONNECT SWITCH (DSW)
- 20 GAUGE CASING (20GA)
- HANGER BRACKETS (HB)
- BOTTOM REMOVABLE SENSOR (RS)
- BRASS AIRFLOW SENSOR GAUGE TAPS (GT)
- ACCESS DOOR (AD)
- EXTENSION ACCESS DOOR WITH SCREWS (ADD)
- EXTENSION ACCESS DOOR WITH SNAP LATCHES (ADDL)
- EXTENSION ACCESS DOOR QUARTER TURN LATCHES (ADDQ)

LINER OPTIONS:

- FIBERGLASS 1" (25mm) (FG1)
- FIBER FREE FOAM 1/2" (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)

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

PROJECT:		PRICE	
ENGINEER:			
CUSTOMER:		273957	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME PIPING PACKAGE CONTROLS/PIPING PACKAGE SAME SIDE
SUBMITTAL DATE:	SPEC. SYMBOL:	02/06/2023	

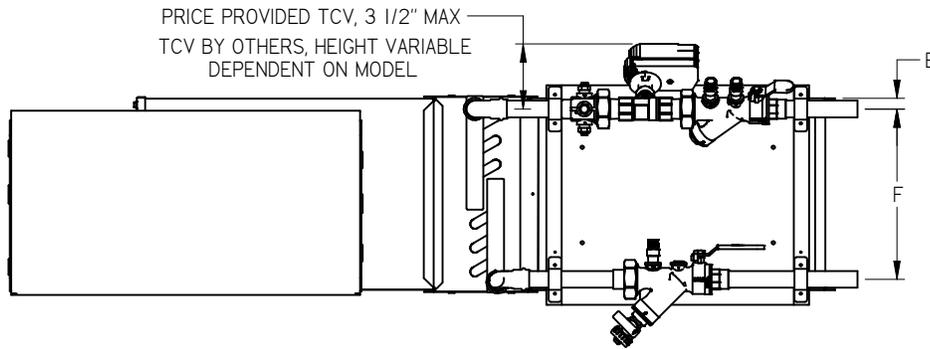


NOTES:

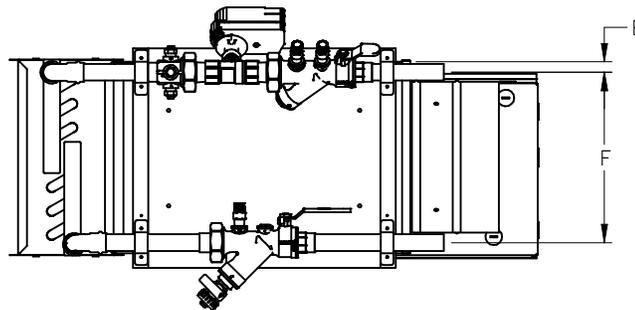
1. VALVES TO BE ASSEMBLED, TESTED AND SHIPPED AS DEPICTED
2. REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR UNIT AND COIL HANDING
3. EXTENSION PROVIDED WHEN CONTROLS AND COIL HANDING ARE ON THE SAME SIDE
4. EXTENSION INSULATED TO MATCH TERMINAL UNIT LINER
5. PRESS CONNECTION BETWEEN VALVES AND COIL

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

PROJECT:		PRICE	
ENGINEER:		G	SDV
CUSTOMER:		273957	SINGLE DUCT TERMINAL VARIABLE VOLUME PIPING PACKAGE ORIENTATION
SUBMITTAL DATE:	SPEC. SYMBOL:	02/06/2023	



CONTROLS/PIPING PACKAGE SAME SIDE



CONTROLS/PIPING PACKAGE OPPOSITE SIDE

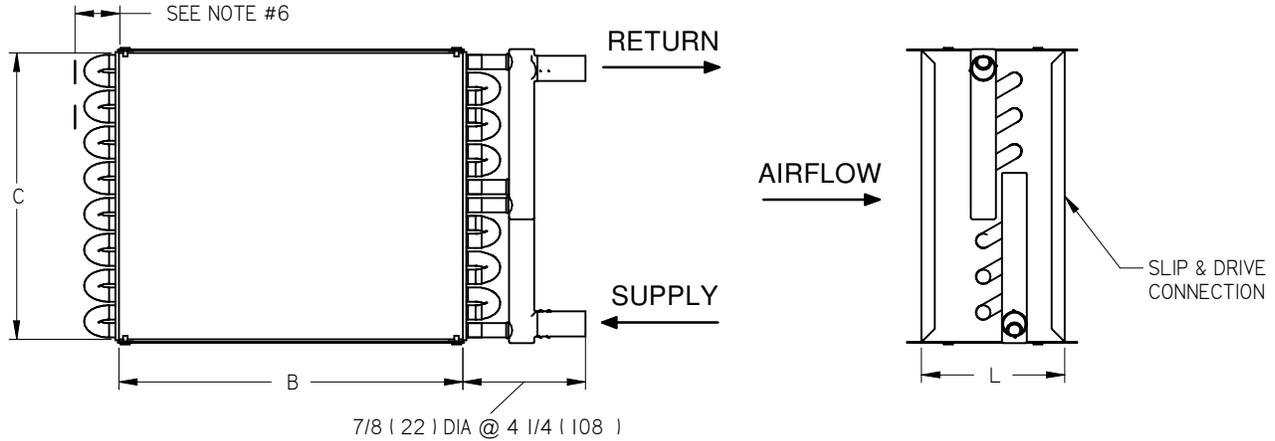
UNIT SIZE	1 ROW			2 ROW		3 ROW		4 ROW	
	E (RH COIL)	E (LH COIL)	F	E	F	E	F	E	F
4-6	3/8 (11)	1 (25)	6 1/4 (159)	1/2 (13)	6 7/8 (175)	5/8 (17)	5 3/4 (147)	5/8 (17)	6 3/8 (163)
7-8	3/8 (11)	1 (25)	8 3/4 (222)	5/8 (17)	8 7/8 (227)	5/8 (17)	8 1/4 (211)	5/8 (17)	8 7/8 (227)
9-10	5/8 (17)	1 1/4 (33)	10 3/4 (274)	5/8 (17)	11 3/8 (290)	5/8 (17)	10 3/4 (274)	5/8 (17)	11 3/8 (290)
12	5/8 (17)	1 1/4 (33)	13 1/4 (338)	5/8 (17)	13 7/8 (354)	5/8 (17)	13 1/4 (338)	5/8 (17)	13 7/8 (354)
14	5/8 (17)	1 1/4 (33)	15 3/4 (401)	5/8 (17)	16 3/8 (417)	5/8 (17)	15 3/4 (401)	5/8 (17)	16 3/8 (417)
16	5/8 (17)	1 1/4 (33)	15 3/4 (401)	5/8 (17)	16 3/8 (417)	5/8 (17)	15 3/4 (401)	5/8 (17)	16 3/8 (417)
24X16	5/8 (17)	1 1/4 (33)	15 3/4 (401)	5/8 (17)	16 3/8 (417)	5/8 (17)	15 3/4 (401)	5/8 (17)	16 3/8 (417)

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
5. 'E' DIMENSION IS TAKEN FROM TOP OF UNIT TO RETURN PIPE

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

PROJECT:		PRICE	
ENGINEER:			
CUSTOMER:		273957	SDV SINGLE DUCT TERMINAL VARIABLE VOLUME PIPING PACKAGE COILS CENTER DIMENSIONS
SUBMITTAL DATE:	SPEC. SYMBOL:	02/06/2023	



NOMINAL SIZE	SI UNITS (mm)				
	B (WIDTH)	C (HEIGHT)	COIL CONNECTIONS		
			1,2,3,4 ROWS	1,2 ROW	3,4 ROWS
4,5,6	305	203	22	127	184
7,8	305	254	22	127	184
9,10	356	318	22	127	184
12	406	381	22	127	184
14	508	445	22	127	184
16	610	457	22	127	184
24 X 16	965	457	22	127	184

NOMINAL SIZE	IMPERIAL UNITS (in)				
	B (WIDTH)	C (HEIGHT)	COIL CONNECTIONS		
			1,2,3,4 ROWS	1,2 ROW	3,4 ROWS
4,5,6	12	8	7/8	5	7 1/4
7,8	12	10	7/8	5	7 1/4
9,10	14	12 1/2	7/8	5	7 1/4
12	16	15	7/8	5	7 1/4
14	20	17 1/2	7/8	5	7 1/4
16	24	18	7/8	5	7 1/4
24 X 16	38	18	7/8	5	7 1/4

NOTE:

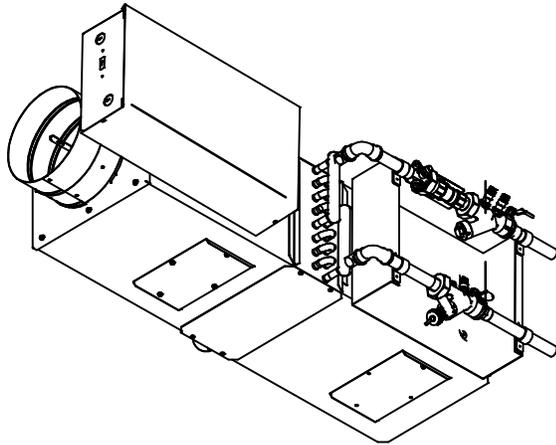
- FABRICATED FROM 22 GA. GALVANIZED STEEL MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
- HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.
- REFER TO SUBMITTED TERMINAL UNIT SCHEDULE FOR AIR VOLUMES AND REHEAT COIL CAPACITIES.
- METHOD OF VENTING PROVIDED ON PIPING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

OPTIONS:

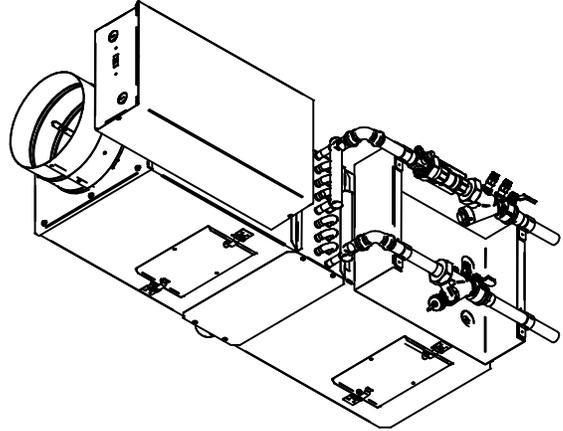
- HC (HIGH CAPACITY) WATER COIL
HIGH CAPACITY COIL SUPPLIED WITH 12 FINS PER INCH.
1 AND 2 ROW COILS AVAILABLE.

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

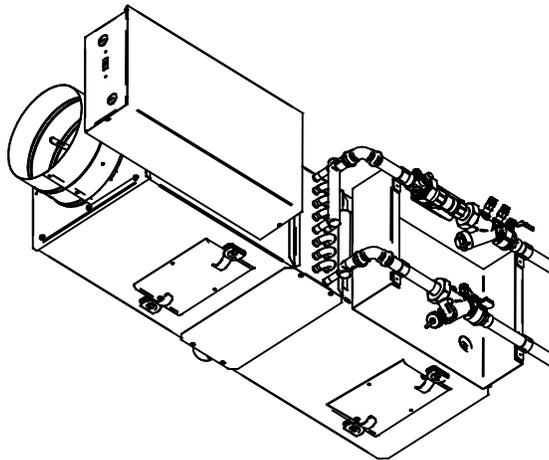
PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		G
SUBMITTAL DATE:		273957
SPEC. SYMBOL:		02/06/2023
		SDV SINGLE DUCT TERMINAL VARIABLE VOLUME WATER COIL NOTES



ADD - DUAL ACCESS DOOR WITH SCREWS



ADDL - DUAL ACCESS DOOR WITH SNAP LATCHES



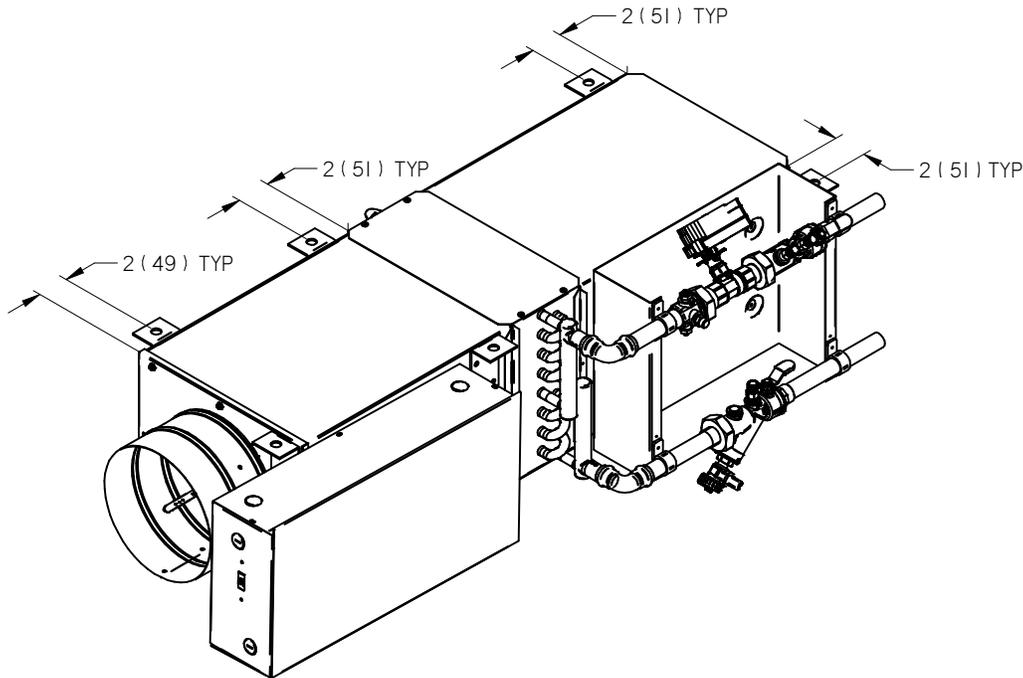
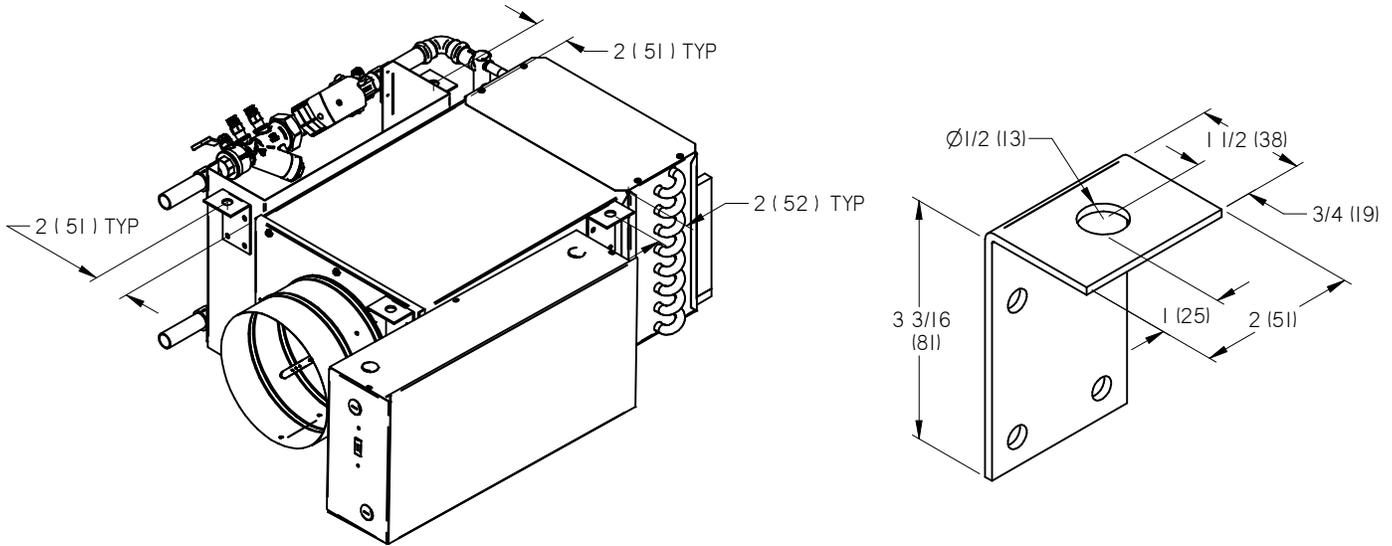
ADDQ - DUAL ACCESS DOOR WITH QUARTER TURN LATCHES

CONSTRUCTION NOTES:

- EXTENSION INSULATED TO MATCH TERMINAL UNIT LINER.
- 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.

PROJECT:		PRICE	
ENGINEER:		G	SDV
CUSTOMER:		273957	SINGLE DUCT TERMINAL VARIABLE VOLUME DUAL COIL ACCESS DOORS
SUBMITTAL DATE:	SPEC. SYMBOL:	02/06/2023	

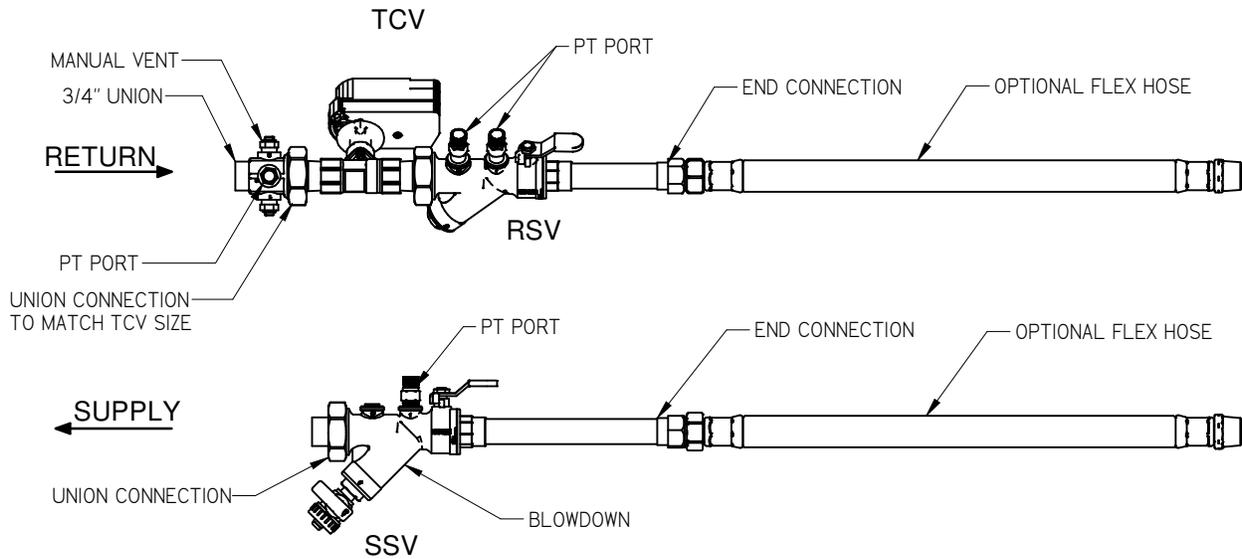


NOTES:

- HANGER BRACKET ARE 12 GAUGE GALVANIZED STEEL.
- 4 BRACKETS PER UNIT. 2 BRACKETS PER EXTENSION
- 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.

PROJECT:		PRICE	
ENGINEER:		G	SDV
CUSTOMER:		273957	SINGLE DUCT TERMINAL VARIABLE VOLUME HANGER BRACKETS
SUBMITTAL DATE:	SPEC. SYMBOL:	02/06/2023	



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" 1"

TCV CONTROL TYPE:

- ON-OFF FLOAT
 MODULATING

TCV Cv (MODULATING ONLY):

- 1/2"
 - 1.2 2.4 5.9
- 3/4"
 - 0.5 2.3 4.6 9.8
- 1"
 - 0.5 2.2 4.3 8.2

RETURN SIDE VALVE (RSV):

- MANUAL BALANCING ISOLATION VALVE W/ PT PORTS
 AUTOMATIC BALANCING ISOLATION VALVE W/ PT PORTS

FLEX HOSE (FH):

- 18"

END CONNECTION:

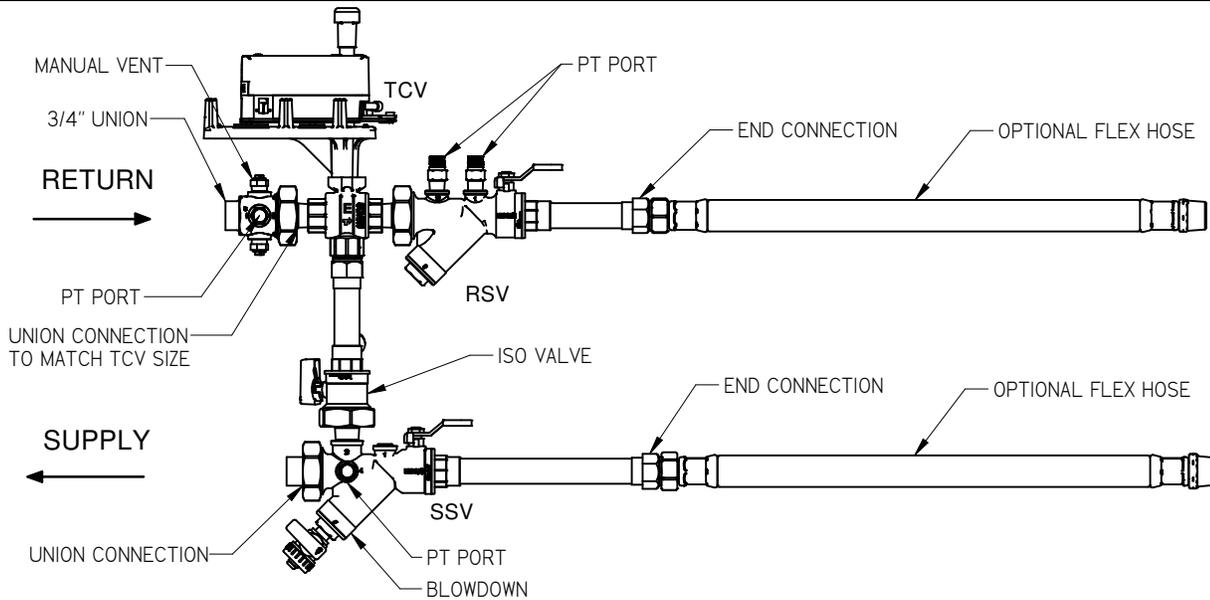
- 1/2" SWT 1/2" MNPT 1/2" HOSE
 3/4" SWT 3/4" MNPT 3/4" HOSE
 1" SWT 1" MNPT 1" HOSE

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, ONLY MNPT & NSPH END CONNECTIONS ARE AVAILABLE.
5. PIPING PACKAGE ASSEMBLY BASED ON A MAX TEMPERATURE CONTROL VALVE BODY LENGTH OF:
 - FOR 1/2" LINE SIZE: 4"
 - FOR 3/4" & 1" LINE SIZE: 2 3/4"

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

PROJECT:		PRICE	
ENGINEER:		GH	SDV
CUSTOMER:		273958	SINGLE DUCT TERMINAL VARIABLE VOLUME 2-WAY PIPING PACKAGE
SUBMITTAL DATE:	SPEC. SYMBOL:	05/06/2022	



STANDARD FEATURES:

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

OPTIONAL FEATURES:

TCV PROVIDED BY:
 PRICE OTHERS

TCV SIZE:
 1/2" 3/4"

TCV CONTROL TYPE:
 ON/OFF MODULATING

TCV Cv (MODULATING ONLY):
 • 1/2"
 1.0 1.6 4.0 6.3
 • 3/4"
 6.3 10

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

FLEX HOSE (FH):
 18"

END CONNECTION:
 1/2" SWT 1/2" MNPT 1/2" HOSE
 3/4" SWT 3/4" MNPT 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, ONLY MNPT & NSPH END CONNECTIONS ARE AVAILABLE.
5. 3 WAY TEMPERATURE CONTROL VALVE PIPED IN MIXING.
6. PIPING PACKAGE ASSEMBLY BASED ON A MAX TEMPERATURE CONTROL VALVE BODY LENGTH OF:
 FOR 1/2" LINE SIZE: 4"
 FOR 3/4" & 1" LINE SIZE: 2 3/4"

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

PROJECT:		PRICE	
ENGINEER:		GH	SDV
CUSTOMER:		273958	SINGLE DUCT TERMINAL VARIABLE VOLUME 3-WAY PIPING PACKAGE
SUBMITTAL DATE:	SPEC. SYMBOL:	05/06/2022	