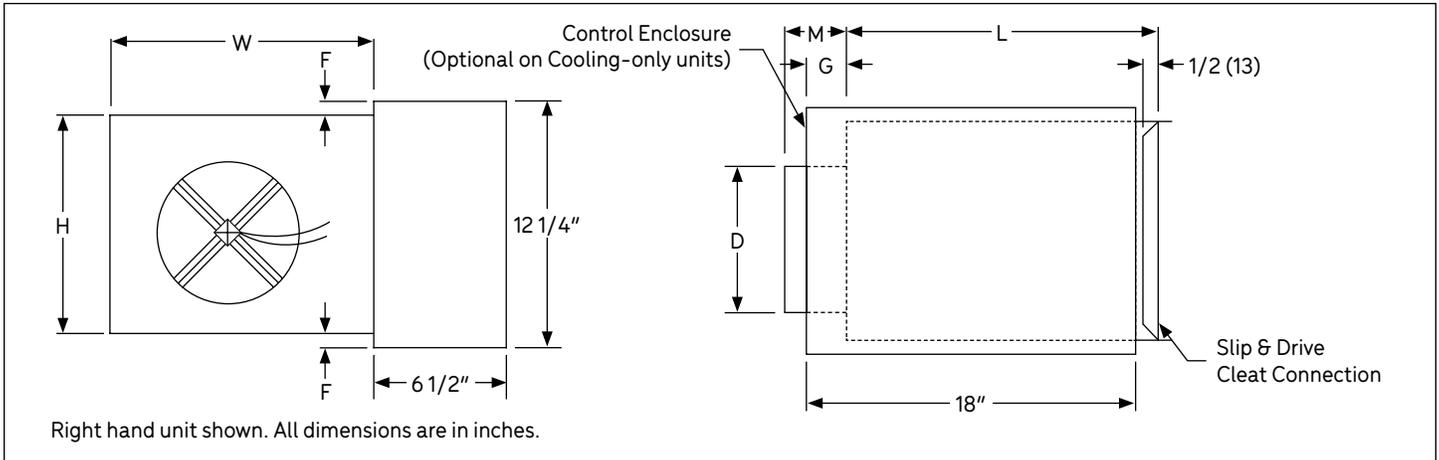


SDV-S

Seismic Rated Single Duct Terminal Unit
Direct Digital Control, Pressure Independent



Inlet Size	CFM Range	D	F	G	H	L	M	W
4	0-230	3 7/8	2 1/8	7 1/4	8	15 1/2	5 3/8	12
5	0-360	4 7/8	2 1/8	7 1/4	8	15 1/2	5 3/8	12
6	0-520	5 7/8	2 1/8	7 1/4	8	15 1/2	3 3/8	12
7	0-710	6 7/8	1 1/8	7 1/4	10	15 1/2	3 3/8	12
8	0-925	7 7/8	1 1/8	7 1/4	10	15 1/2	3 3/8	12
9	0-1050	8 7/8	-	5 1/4	12 1/2	15 1/2	3 3/8	14
10	0-1450	9 7/8	-	5 1/4	12 1/2	15 1/2	3 3/8	14
12	0-2100	11 7/8	-	5 1/4	15	15 1/2	3 3/8	16
14	0-2900	13 7/8	-	3 1/4	17 1/2	15 1/2	3 3/8	20
16	0-3700	15 7/8	-	3 1/4	18	15 1/2	3 3/8	24
24 X 16	0-7100	23 7/8	1 1/8	5 1/4	18	15	3 3/8	38



ACCESSORIES (OPTIONAL)

Check if provided.

24 V Control Transformer

1/2" Dual Density Lining

1" Dual Density Lining

Insul-Guard™ (13/16" Rigid Duct Board)

1/2" Enviroseal™ (fiber free)

1" Enviroseal™ (fiber free)

Disconnect Switch

Bottom Access Door

Cam latches

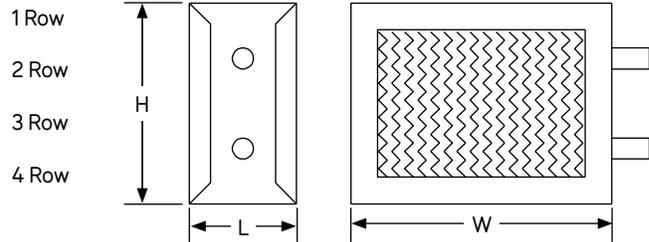
GENERAL DESCRIPTION

- IBC/OSHPD Seismic Certification: OSP-0352
- Heavy 20 gauge steel housing. Mechanically sealed and gasketed, leak resistant construction. Less than 2% of nominal cfm at 1.5" sp wg.
- Dual density internal insulation, treated to resist air erosion. Meets requirements of NFPA 90A and UL 181.
- Rectangular discharge opening is designed for slip and drive cleat duct connection.
- Multipoint center averaging inlet velocity sensor.
- Digital control packages can be factory mounted by Tuttle & Bailey.
- Choice of right hand or left hand control location.
- Model SDV-S without coils can be installed horizontally, vertically, or at any angle. Operation is not affected by position. For units with coils, consult technical support.
- Gauge tees for cfm measurement.
- 10 Gauge OSHPD approved hange brackets to secure unit.

ACCESSORIES (OPTIONAL)

Hot Water Coil Section

- Aluminum ripple fins, 10 or 12 FPI.
- Coil pipe connections are male, sweat, type "L" copper. Connection sizes are 1/2" OD for 1 row coil unit sizes 04-08. All other coils have 7/8" OD.
- Coil is installed at discharge of unit.
- On units with attenuators, coil are installed at the discharge of attenuator.
- Slip and drive cleat discharge duct connection.



Inlet Size	H	W	Water Coil	
			L (1-2 Row)	L (3-Row)
4	8	12	5	7 1/4
5	8	12	5	7 1/4
6	8	12	5	7 1/4
7	10	12	5	7 1/4
8	10	12	5	7 1/4
9	12 1/2	14	5	7 1/4

Inlet Size	H	W	Water Coil	
			L (1-2 Row)	L (3-Row)
10	12 1/2	14	5	7 1/4
12	15	16	5	7 1/4
14	17 1/2	20	7 1/2	9 3/4
16	18	24	7 1/2	9 3/4
24 x 16	18	38	5	7 1/4

The total length of the SDV-S unit is the summation of the unit length (with or without attenuator) and the length of the optional water coil.

Staged Heat

Optional SSR Controlled Electric Heater

Optional Gradiacheat Controlled Electric Heater

Standard Features

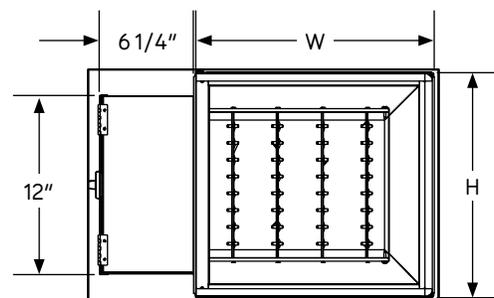
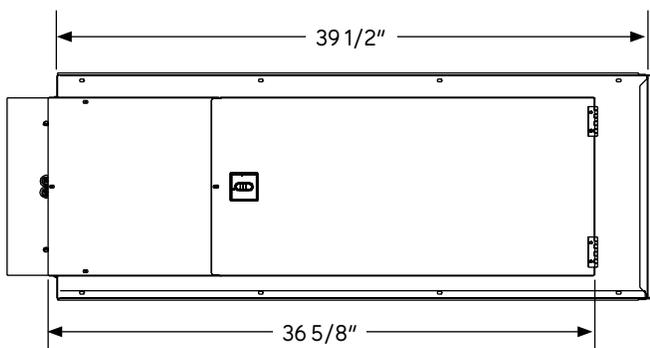
- Single side access to low voltage, high voltage, and electric heater controls.
- Automatic reset thermal cutouts, one per element.
- Manual reset secondary protection.
- Air proving switch.
- Magnetic contactor for each step for staged heat.
- Slip and drive cleat discharge duct connection.

Options

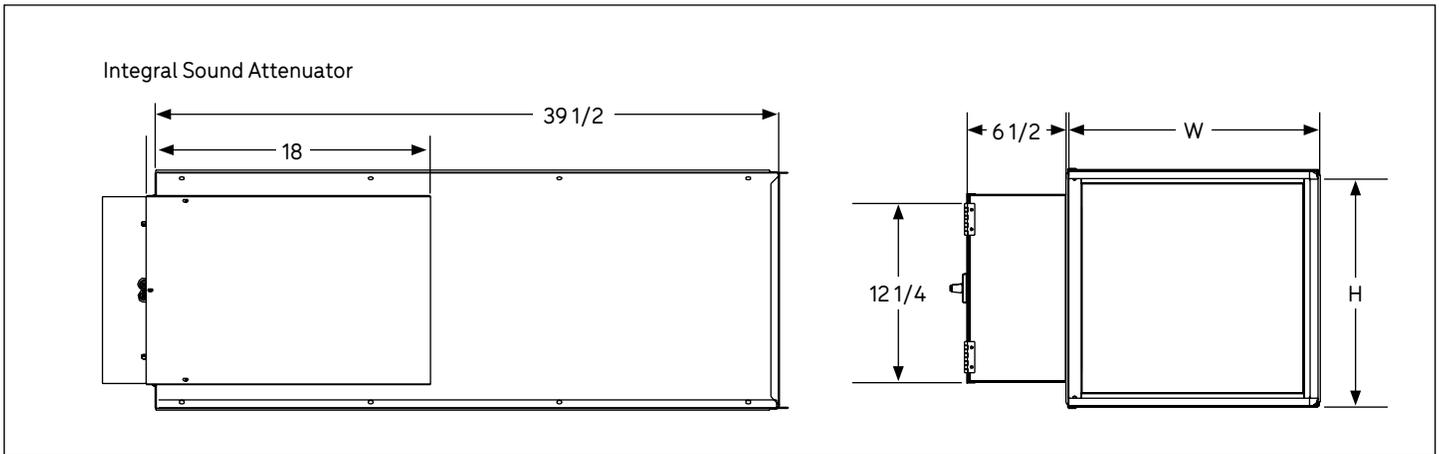
- Fuse Block
- Disconnect switch, door interlock type

Supply Voltage

- | | |
|------------------|---|
| 120V, 1 ph, 60Hz | 277V, 1 ph, 60Hz |
| 208V, 1 ph, 60Hz | 208V, 3 ph, 60Hz |
| 240V, 1 ph, 60Hz | 480V, 3 ph, 60Hz
(4 wire wye standard) |



ACCESSORIES (OPTIONAL)



Inlet Size	H	W
4	8	12
5	8	12
6	8	12
7	10	12
8	10	12
9	12 1/2	14

Inlet Size	H	W
10	12 1/2	14
12	15	16
14	17 1/2	20
16	18	24
24 x 16	18	38

Note: Attenuator config is available with HW or cooling only.

JOB NAME: LOCATION: ARCHITECT: ENGINEER: CONTRACTOR:	SUBMITTED BY:	DATE: 01/14/26 SDV-S - 1.0
		SDV-S Seismic Rated Single Duct Terminal Unit Direct Digital Control, Pressure Independent