

JOB NAME _____
 ARCHITECT _____
 ENGINEER _____
 CONTRACTOR _____
 LOCATION _____

SUBMITTAL SHEET
 Form Number DS0406.5 Effective Date 2/16
 Replaces Form DS0406.4



SHV SERIES

SQUARE / RECTANGULAR LOUVER FACE WITH DEFLECTOR VANES

AIR PATTERNS

MINIMUM CEILING OPENING –
 DUCT SIZE PLUS 1" (25)
 NOM. DUCT SIZE LESS 1/4" (6)

FRAME 21

DUCT SIZE PLUS 5" (127) 7/8" (22)

MINIMUM CEILING OPENING –
 DUCT SIZE PLUS 3 1/2" (89)
 NOM. DUCT SIZE LESS 1/4" (6)

FRAME 22

DUCT SIZE PLUS 5 9/16" (141) 1/4" (6)

SHV SURFACE MOUNT

SHV LAY-IN PANEL

FOR OVER ALL FACE SEE FRAME DETAILS AT RIGHT

NOMINAL PANEL SIZES AVAILABLE
 12x12 (305x305) 24x24 (610x610) 48x24 (1219x610)

FRAME 23

PANEL SIZE LESS 1/4" (6) 1/4" (6)

FRAME 24

PANEL SIZE LESS 1/16" (2) 13/16" (21)

FRAME 27

NOMINAL PANEL SIZE SPLINE BY OTHERS
 NOMINAL PANEL SIZE 3/8" (10)

FRAME 98
 24x24 PANEL ONLY

PANEL SIZE 2 3/8" (58.4) 3/8" (10)

FRAME STYLES
 VANES NOT SHOWN

DAMPER DETAIL
 SEE NOTE BELOW

3 3/8" (86)

CORNER DUCT STOP DETAIL
 2 PER SIDE TYP

SHV-1/2" (13)
 NOMINAL DUCT LESS 1/4" (6)

PANEL SECTION

2 1/8" (54) TYP
 1 1/2" (38) O.C. TYP

FOR OVER ALL FACE
 SEE FRAME DETAILS AT RIGHT

VANE DETAIL

DIRECTIONAL VANES
 SHV BLADE
 1 1/2" (38)

- NOTES:**
- SHV SERIES IS STEEL CONSTRUCTION WITH A SPRING LATCH CORE.
 - NOMINAL INLET SIZES ARE AVAILABLE AS SQUARE OR RECTANGLE IN 3" (76) INCREMENTS.

- ACCESSORIES:**
- OBDSHV** STEEL OPPOSED BLADE DAMPER IS ADJUSTED FROM THE FACE WITH A SCREW DRIVER.
 - SSG** -STEEL STRAIGHTENING GRID

FRAME STYLE	PANEL SIZE	MIN INLET DIM1xDIM2	MAX INLET DIM1xDIM2
21, 22	-	6 x 6	48x48
23, 24, 27	12 x 12	6 x 6	6x6
23, 24, 27, 98	24 x 24	6 x 6	18 x 18
23, 24, 27	48 x 24	12 x 12	42 x 18

DIMENSIONS ARE SHOWN AS INCHES (MM)