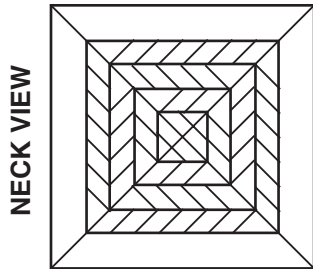


PATTERN CEILING DIFFUSERS WITH IV INDUCTION VANES

ALUMINUM • SQUARE, RECT. OR ROUND NECK
MODELS: 6400IV AND 6400IV-O TYPES S & B

☐ TYPE S • SURFACE MOUNT • FLAT FRAME

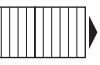
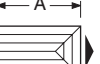
Minimum duct size: 6 x 6 (152 x 152)
 Maximum duct size: 36 x 36 (914 x 914)
 or 36 x 24 (914 x 610) with O.B.D.
 Available in 3" (76) increments only.



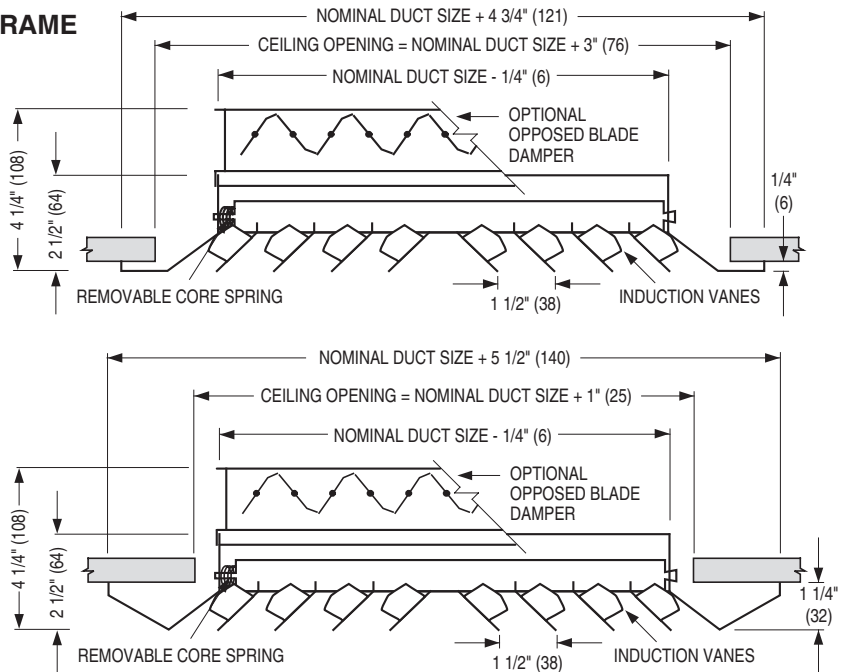
☐ TYPE B • BEVELED DROP FACE • SURFACE MOUNT

Minimum duct size: 6 x 6 (152 x 152)
 Maximum duct size: 36 x 36 (914 x 914)
 or 36 x 24 (914 x 610) with O.B.D.
 Available in 3" (76) increments only.

CORE STYLE SELECTION

	SQUARE	RECTANGULAR	
1-WAY →	☐ 1S	☐ 1A	☐ 1B
			
2-WAY ↕	☐ 2S	☐ 2A	☐ 2B
			
2-WAY CORNER ↙ ↘	☐ 2G	☐ 2E	☐ 2F
			
3-WAY ↕ ↗ ↘	☐ 3A	☐ 3A1	☐ 3A2
			
		(A is greater than B)	(B is less than A but greater than A/2)
	☐ 3H	☐ 3B	☐ 3E
			
		(B is equal to A/2)	(B is less than A/2)
4-WAY ↕ ↗ ↘ ↙	☐ 4A	☐ 4B	☐ 4C
			

Patterns are shown in plan view (looking down into inlet).



DESCRIPTION:

1. Material: Extruded aluminum.
2. Model 6400IV is a high capacity ceiling diffuser available in 1, 2, 3 or 4-way blow patterns especially designed for optimum performance in heating and cooling applications. The induction vanes consist of 45° angled diffusion vanes spaced 1 1/2" (38) apart on the back of each diffuser louver. Vane sets on adjacent parallel louvers run in opposite directions and cause primary air to emerge from each louver at alternating angles. The resulting turbulent discharge air jets produce high induction rates and rapid temperature equalization, making the diffuser highly suitable for VAV applications.
3. Spring-loaded removable core.
4. Standard finish is AW Appliance White.

OPTIONS:

SQUARE AND RECTANGULAR NECK

- ☐ Steel opposed blade damper. Model 6400IV-O.
- ☐ Aluminum opposed blade damper. Model 6400IV-OA.

ROUND NECK

- ☐ SR Square to round transition collar
- ☐ SR-O Square to round transition collar for use over O.B.D.
- ☐ 4275 Radial Opposed Blade Damper (round)
- ☐ 4250 Radial Sliding Blade Damper (round)

EXTERNAL INSULATION

- ☐ EX External Foil-Back Insulation, installed

OPTIONAL FINISH:

- ☐ SP Special. Specify _____.

SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
8 - 4 - 26	6400	11 - 24 - 16	6400IV-1