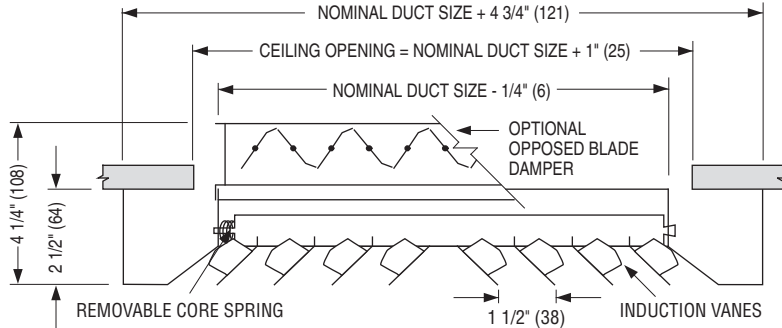
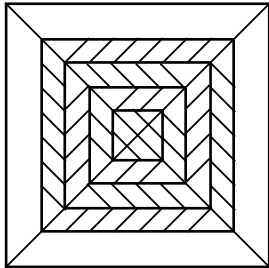




**PATTERN CEILING DIFFUSERS
WITH IV INDUCTION VANES**
ALUMINUM • SQUARE, RECT. OR ROUND NECK
MODELS: 6400IV AND 6400IV-O TYPE D

TYPE D DEEP DROP FACE

NECK VIEW



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	<input type="checkbox"/> 1S	<input type="checkbox"/> 1A	<input type="checkbox"/> 1B
↕ 2-WAY	<input type="checkbox"/> 2S	<input type="checkbox"/> 2A	<input type="checkbox"/> 2B
↙↘ 2-WAY CORNER	<input type="checkbox"/> 2G	<input type="checkbox"/> 2E	<input type="checkbox"/> 2F
↕↔ 3-WAY	<input type="checkbox"/> 3A	<input type="checkbox"/> 3A1 (A is greater than B)	<input type="checkbox"/> 3A2 (B is less than A but greater than A/2)
	<input type="checkbox"/> 3H	<input type="checkbox"/> 3B (B is equal to A/2)	<input type="checkbox"/> 3E (B is less than A/2)
↕↔↕ 4-WAY	<input type="checkbox"/> 4A	<input type="checkbox"/> 4B	<input type="checkbox"/> 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 a set 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 eminently suitable for VAV applications as the possibility of downdrafts (dumping) are eliminated.
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 -R- 4.2.

OPTIONAL FINISH:

- SP Special. Specify _____ .

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	11 - 24 - 16	6400	5 - 11 - 15	6400IV-7