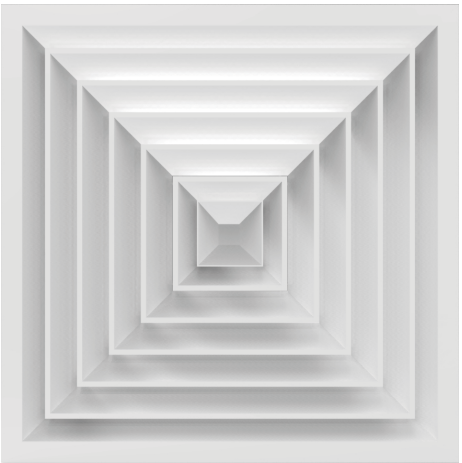
# DCPW MODEL

## EXTRUDED ALUMINUM 4 WAY LOUVER FACE DIFFUSER WITH REMOVABLE AND ICONIC CORE



- DCP-W model of flat frame for mounting on ceiling board. With conical core for horizontal discharge, easily removable from the diffuser face .
- Ideal to increase the air volume without increasing noise level or drop pressure compared with traditional DCV.
- It is manufactured with necks in multiples of 3 inches (6 to 36 inches), square or rectangular
- Removable core that facilitates installation and access to control accessories.

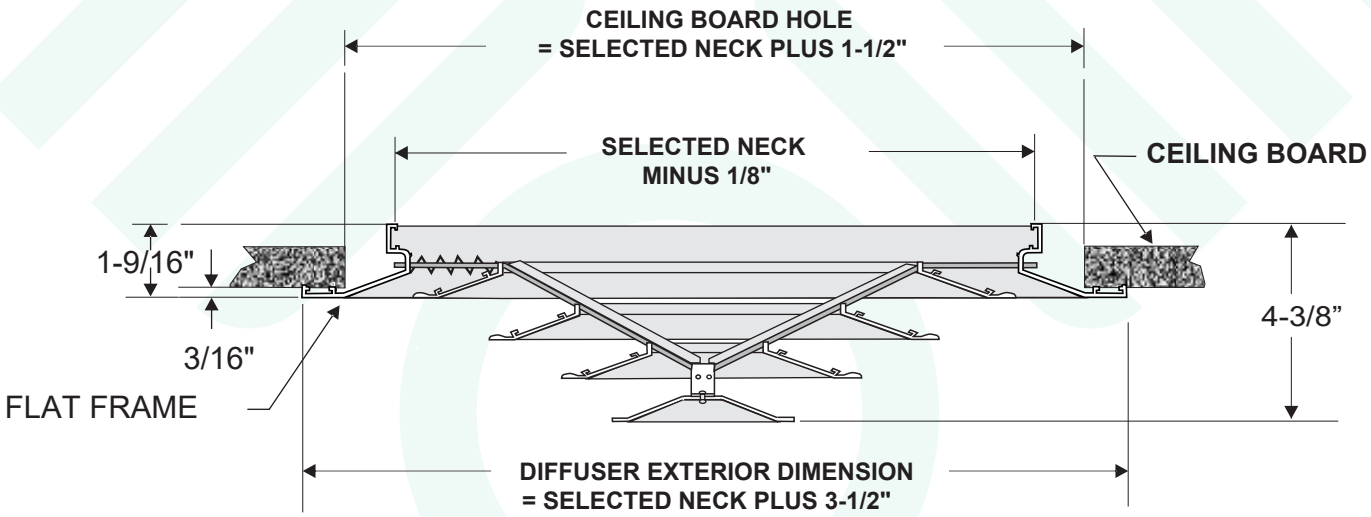
**CONSTRUCTION**: Extruded aluminium construction.

**FINISH**: Standard white Anodic acrylic paint.
Other colors available.

**PERFORMANCE**: This diffusers assure a trustworthy use with cooling differentials temperature up to 20ºF with a predictable low velocity airflow in the occupied area (35 feet/min)

**DCP-W-COI models:** Can be suply with CO model.

## Dimensional Data



# CORRECTION FACTORS

**For DCP-W, DCP, and DMA 4-ways diffusers, performance data is found in the performance tables for DCV, DCP, DM, and DCPT models, the performance data can be used adding the correction factors, according to the following table :**

**A.-Total Pressure (TP) = Tabulated value of TP x Correction factor**
**B.-NC (NOICE CRITERIA) = NC TABULAED + CORRECTION**
**C.-Throw = Tabulated Throw Value x Correction Factor**
**Note: Apply the throw factor at the terminal velocity of 50 Feet / min. only**

**CORRECTION TABLE FOR DIFFUSERS**
**DCPA, DMA and DCP-W 4 WAY DISTRIBUTION**

| NOMINAL NECK | NOICE CRITERIA NC | | TOTAL PRESSURE | | VERTICAL THROW | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | COOLING 20°F | HEATING, DT | | |
| | Horizontal | Vertical | Horizontal | Vertical | | 0°F | 20°F | 40°F |
| 6 X 6 | 3 | 7 | 1.3 | 1.6 | 1.3 | 1.1 | 0.8 | 0.6 |
| 9 X 9 | 3 | 7 | 1.5 | 2.3 | 1.5 | 1.2 | 0.9 | 0.6 |
| 12 X 12 | 3 | 7 | 1.5 | 2.3 | 1.6 | 1.3 | 1.0 | 0.6 |
| 15 X 15 | 3 | 7 | 1.5 | 2.3 | 1.7 | 1.3 | 1.0 | 0.6 |
| 18 X 18 | 3 | 7 | 1.5 | 2.3 | 1.7 | 1.3 | 0.9 | 0.6 |
| 21 X 21 | 3 | 7 | 1.5 | 2.3 | 1.7 | 1.3 | 0.8 | 0.5 |
| 24 X 24 | 3 | 7 | 1.5 | 2.3 | 1.5 | 1.1 | 0.7 | 0.3 |

***NOTE: Vertical adjustments are most effective at the sizes indicated in this table using a 4-ways pattern.***
***DT = Differential temperature.***