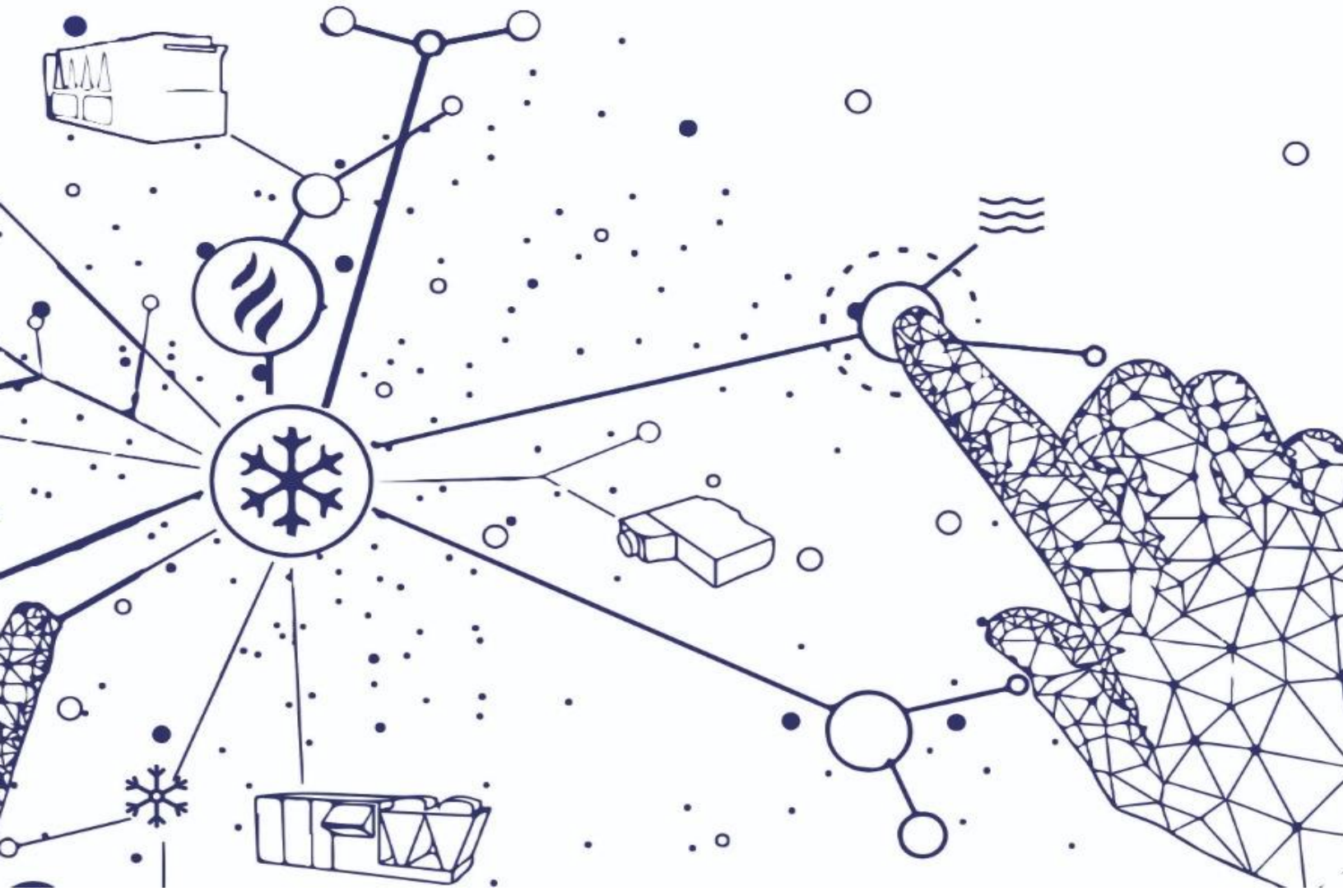


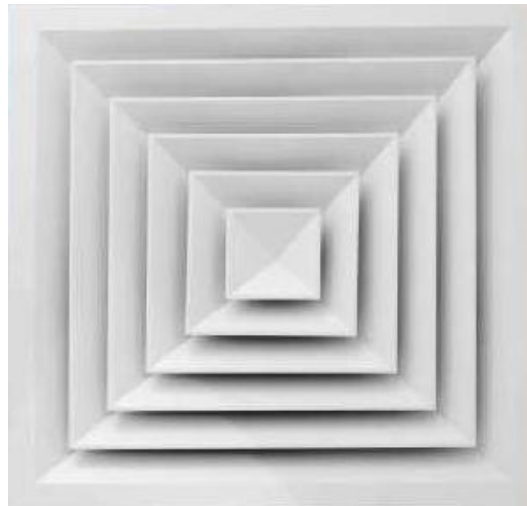
CLIMA VAC



SQUARE CEILING DIFFUSERS

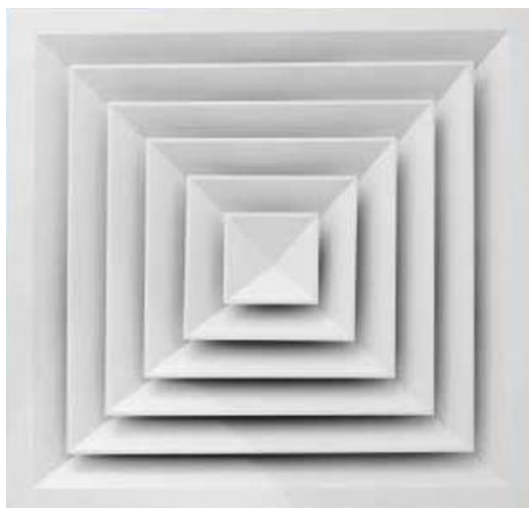
Recommended for room heights

From 2.60 m to 4.00 m



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Description

-Square ceiling diffuser is ideal for flush mounting in ceilings.

-It is suitable for use in rooms with heights up to 4.00 m.

-The recommended supply air temperature differential is $\pm 10K$.

-Ceiling diffusers can be used both for supply and extract applications.

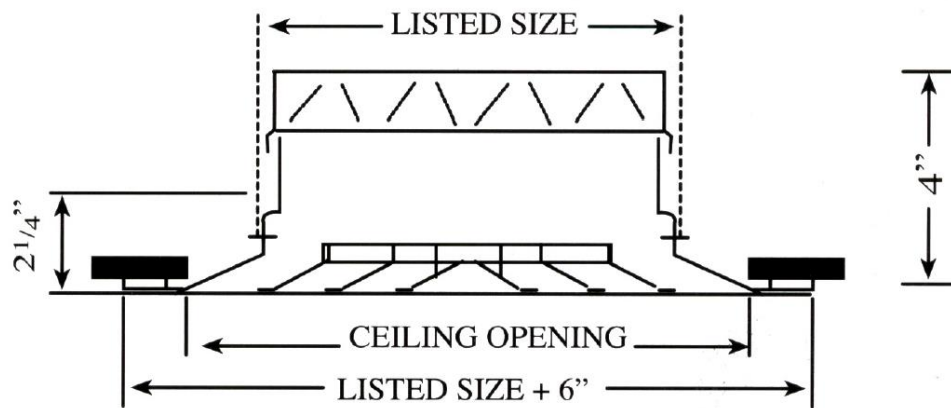
-Specially developed ancillaries and plenum boxes, with optional flow rate control dampers, are available to ensure optimum discharge characteristics.

Construction

- The face section of the diffuser consists of peripheral border, fixed air control blades and center cone.
- The diffuser and accessories are manufactured of extruded aluminum.
- The inner section easily removable and locks in place without the use of tools.
- The diffuser can be supplied with:
 - Control Damper "opposed blades".
 - Plenum Box.



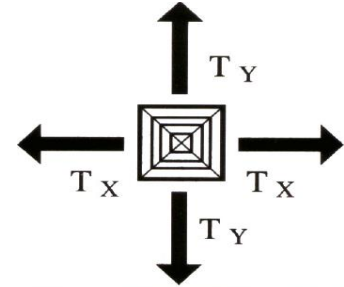
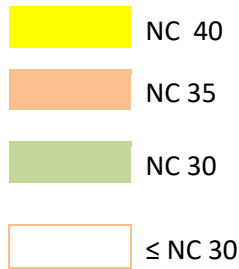
Dimensions



$$\text{CEILING OPENING} = \text{LISTED SIZE} + 3''$$

All dimension in inches

Performance Data



| -Listed Size -outlet Area | Outlet Velocity FPM | | | | | | | | | | | | |
|--------------------------------|---------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | Pt Total pressure (in.wg) | | | | | | | | | | | | |
| | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | | |
| | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.09 | 0.12 | 0.16 | 0.2 | 0.25 | | |
| 6"x6" A _k 0.10 | CFM | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | |
| | T | X | 2-3 | 2-3 | 2-4 | 2-4 | 3-5 | 3-5 | 4-6 | 4-8 | 5-8 | 5-9 | 6-11 |
| | | Y | 2-3 | 2-3 | 2-4 | 2-4 | 3-5 | 3-5 | 4-6 | 4-8 | 5-8 | 5-9 | 6-11 |
| 9"x9" A _k 0.22 | CFM | 110 | 135 | 155 | 180 | 205 | 255 | 270 | 315 | 360 | 410 | 450 | |
| | T | X | 2-4 | 2-4 | 3-5 | 3-5 | 4-6 | 5-8 | 5-9 | 6-11 | 6-12 | 7-13 | 8-14 |
| | | Y | 2-4 | 2-4 | 3-5 | 3-5 | 4-6 | 5-8 | 5-9 | 6-11 | 6-12 | 7-13 | 8-14 |
| 12"x12" A _k 0.40 | CFM | 200 | 240 | 280 | 320 | 360 | 400 | 480 | 560 | 640 | 725 | 800 | |
| | T | X | 3-5 | 4-6 | 4-8 | 5-8 | 5-9 | 6-11 | 6-12 | 7-13 | 8-15 | 9-17 | 10-19 |
| | | Y | 3-5 | 4-6 | 4-8 | 5-8 | 5-9 | 6-11 | 6-12 | 7-13 | 8-15 | 9-17 | 10-19 |
| 15"x15" A _k 0.62 | CFM | 310 | 375 | 440 | 500 | 565 | 625 | 750 | 875 | 1000 | 1125 | 1250 | |
| | T | X | 4-6 | 4-8 | 5-9 | 6-11 | 6-11 | 6-12 | 8-15 | 10-18 | 10-19 | 12-21 | 13-23 |
| | | Y | 4-6 | 4-8 | 5-9 | 6-11 | 6-11 | 6-12 | 8-15 | 10-18 | 10-19 | 12-21 | 13-23 |
| 18"x18" A _k 0.90 | CFM | 450 | 540 | 630 | 720 | 810 | 900 | 1080 | 1260 | 1440 | 1620 | 1800 | |
| | T | X | 4-8 | 5-9 | 5-11 | 6-12 | 7-13 | 8-15 | 10-17 | 11-20 | 13-23 | 15-27 | 16-30 |
| | | Y | 4-8 | 5-9 | 5-11 | 6-12 | 7-13 | 8-15 | 10-17 | 11-20 | 13-23 | 15-27 | 16-30 |

Order Code

