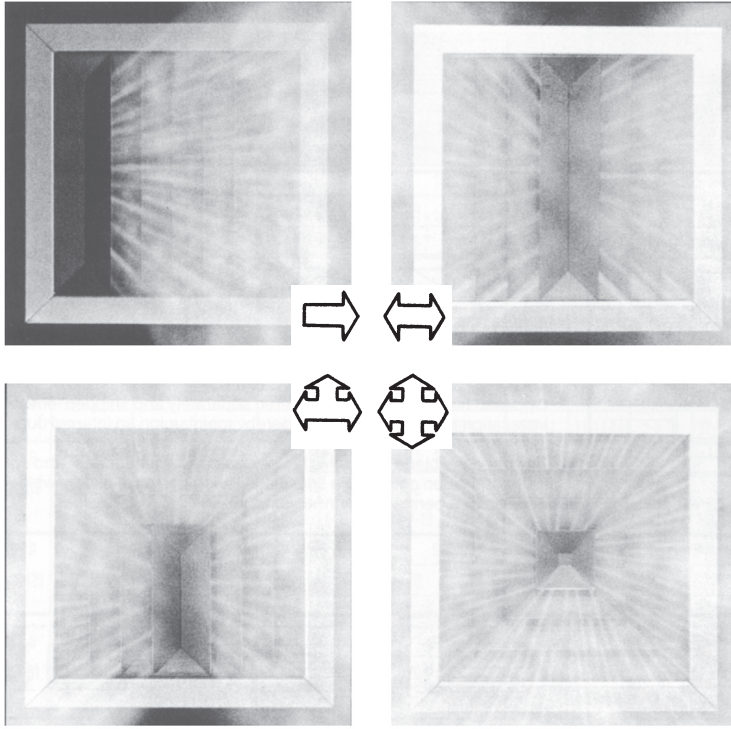


PRODUCT DIMENSIONS

Agitair® RC® Series



The smoke photos, shown to the left, illustrate how AGITAIR® RC® diffusing vanes produce induction jets at the diffuser face. Room air is drawn between these jets and a high degree of mixing and temperature equalization is attained within one foot of the outlet. Large volumes of secondary air continue to be entrained until a homogenized condition is attained.

Only AGITAIR® RC® square and rectangular diffusers employ the jet induction feature due to scientifically designed diffusing vanes. The objective of a real air diffuser is accomplished with rapid mixing of primary and room air while assuring gentle, draftless air movement in the occupied zone due to the aspiration and entrainment generated by the diffuser.

AGITAIR® RC® diffusing vanes strengthen the diffuser assembly, assure positive alignment of louver sections and at the same time, provide an equalizing grid which ensures uniform distribution. All louvers and vanes are welded into position and altering or tampering with arrangement of elements is impossible.

 STYLE 45	 STYLE 37	 STYLE 31	 STYLE 24	 STYLE 20L	 STYLE 10S
 STYLE 44	 STYLE 36	 STYLE 30	 STYLE 23	 STYLE 20	 STYLE 10L
 STYLE 43	 STYLE 35		 STYLE 22		 STYLE 10
 STYLE 42	 STYLE 34		 STYLE 21S		
 STYLE 41	 STYLE 33		 STYLE 21L		
 STYLE 40	 STYLE 32		 STYLE 20S		

Notes:

1. Dimension Requirements. A, C & D in Multiples of 1-1/2 inches. B in Multiples of 3 inches.
2. All illustrations are PLAN (NECK) VIEW.
3. Min. Size: 6x6, Max. Size: see chart.
4. Air Patterns 10, 20, 22, 30 & 40 are available in square sizes only.
5. Air Patterns 10L, 10S, 20L, 20S, 23, 24, 31, 32, 33, 35 & 42 require two sides be shown and MUST be listed in ABC sequence.
6. Air Patterns 21L, 21S, 36, 37, 41, 43, 44 & 45 require three sizes be shown and MUST be listed in ABCD sequence. The overall size is not ordered, but the exact dimensions for each letter.

Note: It is recommended that diffusers or panels installed in grid ceiling systems be supported independent of the ceiling hardware

