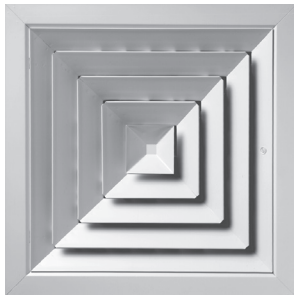




CEILING DIFFUSERS

Mixing Vane, Multi-Pattern Agitair® RC®



RC40

STEEL

ALUMINUM

The unique vane and louver construction of Agitair® RC® square and rectangular diffusers with 64 active air jets per square foot produces numerous counter flowing air streams. This action generates a higher degree of turbulence at the point of discharge, where primary and room air meet. The result is aspiration, rapid mixing and temperature equalization. Lipless louver design increases effective area, thereby decreasing pressure drop. Draftless, quiet and equalized air distribution is assured from any side wall or ceiling location. The air pattern control feature of Agitair® RC® square and rectangular diffusers gives design freedom and frequently reduces costly duct runs. Available in 1, 2, 3 or 4-way patterns to suit any space condition, Agitair® RC® diffusers need not be centrally located in an area. The space served may be square, rectangular, L or T shaped low ceilings, high ceilings, long, narrow or wide corridors.

FEATURES

- Air diffusion vanes at opposite angles create turbulent discharge air jets for high induction and rapid temperature equalization
- Removable core available in 1, 2, 3 or 4-way diffusion patterns
- Internal duct connection reduces leakage
- Margin styles to fit most ceiling types and systems
- Unique vane and louver design adds to rigidity
- Rolled edge louver for a smooth and finished appearance
- All steel construction with optional aluminum construction available
- Optional shock & vibrate (S&V) construction available
- Standard finish is white (WH)

ACCESSORIES

- Matching returns (less air diffusion vanes) are available (RCR & ARCR)
- Duct mounted opposed blade damper (DOBD)
- Steel plaster frame (SMF)
- Aluminum plaster frame (ASMF)
- Square to round transitions (SRR)

Note: Trim frames and dampers are ordered separately and shipped loose for field installation.



RC40
Back



RC20L



RC20L
Back

Panel Mount Margin Styles (in.)		
LT, TG, PL, YM, NR		
Module Size	Neck Size	
	Min	Max
12x12	6x6	6x6
24x12	6x6	18x6
24x24	6x6	18x18
48x24	6x6	42x18

Surface Mount Margin Styles SF, SB, D2, V Neck Sizes (in.)	
Min	Max
6x3	36x36 Square or 48x24 Rectangle

Ceiling
Diffusers