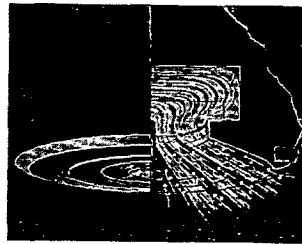


Anemostat Corporation of America

10 East 39th Street **ANEMOSTAT** Representatives in
New York 16, N. Y. **DRAFTLESS Aspirating AIR DIFFUSERS** Principal Cities

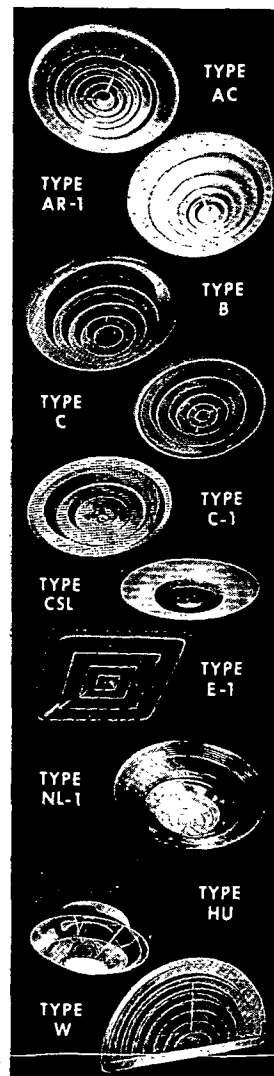
THE ANEMOSTAT
PRINCIPLE

The Anemostat Air Diffuser consists of a series of conical shaped members of specific design and assembled in definite relationship to each other. Due to these exclusive and patented features, the Anemostat Air Diffuser breaks the primary air stream into a multiplicity of planes traveling in all directions, and at the same time creates an equal number of counter currents of room air traveling toward the device. This causes a quantity of room air equal to as much as 35 per cent of the supply air to be drawn into the device and mixed with the supply air before it is discharged. This important effect, which distinguishes the Anemostat Air Diffuser from all other air outlets, is known as Aspiration, and should not be confused with secondary air motion. The Anemostat Air Diffuser, moreover, permits air expansion within the device, instantly reducing velocity.

The mixture of primary and room air discharged from the Anemostat Air Diffuser entrains additional room air, which, due to the turbulence of the discharged air, is readily drawn into and mixed with the discharged air. This will continue until the movement of the discharged air has ceased.

The Anemostat Air Diffuser, therefore, thoroughly diffuses and mixes the incoming air with the room air, closely equalizing temperature and humidity throughout the room, and promptly converts the velocity energy of the incoming air into pressure energy which prevents drafts in the occupancy zone.

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ANEMOSTAT Draftless Aspirating AIR DIFFUSERS

This table shows basic data only . . . Consult complete catalog for full information. TYPE

AC		Combination supply and exhaust	10 to 60	Up to 30%	Yes	Yes	Yes	No	700 to 2500	On exposed duct or flush to ceiling
AR-1		Supply Frequent air change with low air velocity in room	15 to 95	Up to 30%	Yes	Yes	Yes	Yes	700 to 3000	On exposed duct or flush to ceiling
B		Supply	10 to 95	Up to 35%	Yes	Yes	Yes	Yes	700 to 3000	On exposed duct or flush to ceiling
C		Supply	10 to 95	Up to 35%	Yes	Yes	Yes	No	700 to 2500	Flush to ceiling only
C-1		Supply Adjustable pattern	12.5 to 45	Up to 35%	Yes	Yes	Yes	Yes	700 to 2500	On exposed duct or flush to ceiling
CSL		Supply Combination diffuser and light	20 to 95	Up to 35%	Yes	Yes	Yes	No	700 to 1500	Combination with light cove
E E-1		Supply	10 to 30	Up to 35%	Yes	Yes	Yes	No	800 to 1500	Acoustic tile or flush ceiling
NL-1		Combination diffuser and light	15 to 40	Up to 30%	Yes	Yes	Yes	No	700 to 1500	On exposed duct or flush to ceiling
HU		For use with unit heaters	25 to 82.5	Up to 25%	Yes	No	No	No	700 to 2500	Projection heaters
		Use on duct work for heating and ventilating	25 to 82.5	Up to 25%	Yes	Yes	Yes	No	700 to 2500	On exposed duct
W		Wall type supply	5 to 40	Up to 35%	Yes	Yes	Yes	No	700 to 2500	Wall or ceiling

"NO AIR CONDITIONING SYSTEM IS BETTER THAN ITS AIR DISTRIBUTION"

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