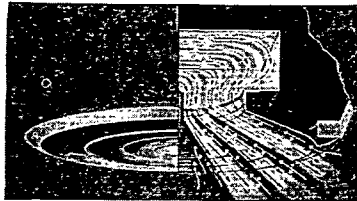


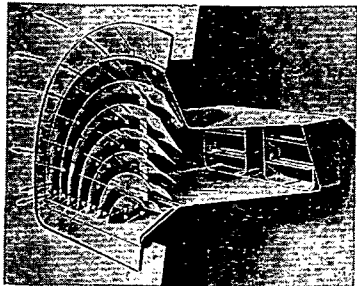
Anemostat Corporation of America

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



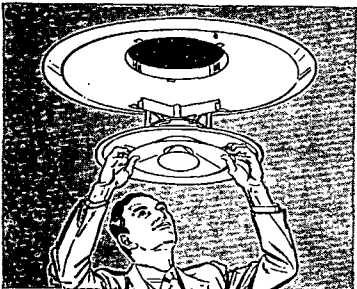
PRINCIPLE OF ASPIRATION

The Anemostat Air Diffuser splits the supply air into multiple, separate air streams and at the same time creates low pressure areas in certain parts of diverging passageways. This causes room air to be siphoned into the device where it is thoroughly mixed with supply air. The mixture is discharged in a series of expanding turbulent air layers and, therefore, readily entrains a large amount of additional room air.



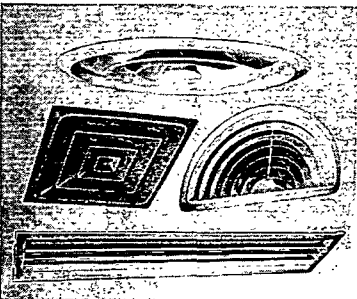
As a result, temperature and humidity are equalized throughout the room and a continuous air motion in the occupancy zone within low acceptable velocity limits is established. Stagnant air pockets are also avoided.

The quantity of room air drawn into Anemostat Air Diffusers depends on the specific design, size and type of the various units and is equal to as much as 35 per cent of the supply air. This effective aspiration distinguishes Anemostat Air Diffusers from all other air outlets.



SMALLER DUCTS

Aspiration permits the use of greater temperature differentials and higher supply air velocities than customary, which results in savings in the initial cost of fans and ducts and in the operating cost of the system. Duct layouts may be simplified because Anemostat Air Diffusers distribute air evenly in spite of unusual room plans, columns or other obstructions.



THE COMPLETE LINE

Anemostat Corporation of America has developed air distribution devices and related equipment for every purpose. Circular, semi-circular, square and straightline Anemostat Air Diffusers of various types and sizes for ceiling and wall distribution are available for comfort conditioning and industrial heating, ventilating and air conditioning installations. These are available for both conventional and high-pressure, high velocity systems.

QUALITY

Anemostat Air Diffusers are scientifically designed according to modern fluid flow theory and manufactured according to modern production standards.

ANEMOSTAT PATENTS

The Anemostat Corporation of America holds over fifty patents covering the use and design of diffusers in the field of air distribution. The superior functioning of the Anemostat is protected by these patents which are the result of inventive spirit, diligent research and constructive engineering.

RESEARCH AND ENGINEERING

Anemostat Corporation of America maintains a large, well equipped laboratory manned by experienced scientific and technical personnel for testing purposes and the development of new products. Engineers from all over the world have visited the Anemostat laboratory to witness demonstrations of Anemostat products and their applications to any conceivable problem pertaining to air diffusion. Anemostat has spent over a million dollars in research and engineering and will continue to make substantial contributions to the progress of the science of air distribution.

EXPERIENCE

Over a million and a quarter Anemostat Air Diffusers are now doing an excellent job in thousands of comfort conditioning and industrial heating, ventilating and air conditioning installations. In addition to applications in commercial buildings, industrial plants, hotels, stores, hospitals, theatres, restaurants and homes, Anemostat Air Diffusers are used in military and commercial aircraft, railroad cars, buses and ships.

SPECIAL INSTRUMENTATION

Anemostat engineers have developed various instruments for the accurate and convenient testing of the performance of air outlets. The Anemotherm Air Meter, a self-contained, compact, portable instrument, facilitates the balancing and checking of air distribution systems by engineers and contractors. It is now commercially available and is being used with great success by engineers and contractors throughout the country.

