

On pages 947-1278 will be found the Catalog Date of 230 manufacturers whose products are described and illustrated.

For the convenience of the user of THE GUIDE 1948 there are eight main divisions:

Air Conditioning.....	947-1006
Air Conditioning and Heating Piping.....	1007-1013
Air System Equipment.....	1014-1115
Bends, Coils, Fittings.....	1116-1121
Controls and Instruments.....	1122-1144
Heating Systems.....	1145-1237
Insulation.....	1238-1271
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On pages 915-944, under each of the index headings—Air Cleaning Equipment, Fans, Humidifiers, Ventilators, etc., will be found a list of manufacturers of any desired products, fully cross-indexed, and the page numbers in the Catalog Data Section where the products are described.

By reference to these indices, the manufacturers names and the page numbers, any item of equipment or materials, and the producers address, may be located quickly.

Air & Refrigeration Corporation

475 Fifth Avenue, New York 17, N. Y.

Atlanta, Ga.

Detroit, Mich.



Air Conditioning, Humidifying, Dehumidifying, Cooling, Scrubbing, Air Washing and Purification Apparatus

Air & Refrigeration Corporation specializes in the design and manufacture of industrial and comfort-conditioning apparatus where maintenance of suitable humidity and temperature within closely controllable limits is essential. This specialization is based on technical knowledge and ingenuity born of extensive experience in the solution of the more difficult problems of air conditioning. A complete line of air conditioning equipment is available to contractors and owners for all phases of humidifying, dehumidifying, cooling and washing.

Capillary Air Washers provide a superior type humidifying, dehumidifying, air washing, cleaning and cooling unit for central station apparatus. For most purposes the Capillary Washer requires $\frac{1}{2}$ the volume of water at $\frac{1}{2}$ the pressure used by conventional spray equipment. They are available with factory insulated casings and tank for central station applications. *For complete data, see Bulletin G-3.*

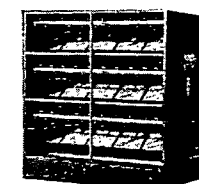
Capillary Unit Conditions are factory insulated and assembled, ready for use. They include fan, motor, drive, heating coils, Capillary Cells with suitable sprays, spray pump and mixing dampers. Units are designed for floor mounting or for ceiling suspension, and can be arranged for the reception of cooling coils, if required. *Complete description and engineering data will be found in Bulletin G-3.*

Spray Type Air Washers for washing, humidifying and dehumidifying air are all basically the same. A & R Spray Washers include special features of design developed to insure more efficient and dependable operation, lower maintenance costs, and, in many cases, lower installation costs. Such features relate especially to eliminators, collecting tanks, flooded baffles, nozzle arrangement, etc. Spray Washers can be supplied with factory insulated casings and tank for central stations applications. *For details, see Bulletin AW-1.*

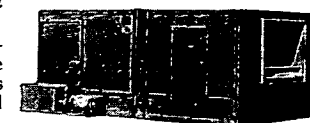
Sprayed Coil Dehumidifiers for year-round treatment of air are complete with heating coils, sprays, circulating pump and glass mat eliminators. Sprayed coil dehumidifiers are factory insulated and complete, ready for assembly in the field. Special features in design insure continuous washing and cleaning of finned surfaces and easy accessibility to all parts. *For engineering information and detailed description, see Bulletin SC-1.*

A & R Insulated Panels consist of insulation between metal sheet on one side and hard fiber board on the other, the three laminated and cemented together under pressure. This unique panel design includes the structural frame to form units which require *only bolting together* to make enclosures of any required shape for plenum chambers and many other purposes. Panels are available in widths from 3 in. to 48 in., and in lengths to 12 ft. Their use insures tremendous economies in field labor. *For details, see Bulletin P-1.*

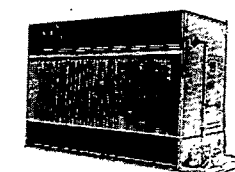
Submit design and capacity for special recommendations; write for catalog and engineering data.



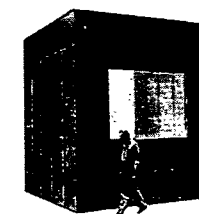
Factory Insulated Class I Capillary Air Washer—Capacity 33,000 cfm.



Factory Insulated Size #3-4 Capillary Unit Conditioner—Capacity 16,000 cfm.



Factory Insulated Prewasher for Lint Removal—Capacity 12,000 cfm.



Factory Insulated Plenum Chamber—Size 13 ft Long, 12 ft Wide x 15 ft High.