American Moistening Company

ESTABLISHED 1888

Providence 1, R. I.

ATLANTA 2, GA. — BOSTON 9, MASS. — CHARLOTTE 1, N. C.

AMCO

UNIT HUMIDIFYING AND AIR CONDITIONING EQUIPMENT

A few of many AMCO products with a Long Record of Dependable Performance

Self-cleaning Atomizers
Sectional Humidifiers.
Amtex Humidifiers.
Hand Sprayers.
Mine Sprays.
Fabric and Paper Dampeners
Mechanical Psychrometers.
Electro Psychrometers.
Sling Psychrometers.
Hygrometers.

The Amco line of devices for the supply, maintenance and control of humidity is complete in its ability to meet any presented problem of applied humidification. Used independently or as an adjunct to Central Station equipment, these devices automatically maintain any required humidity condition in a capable uniform performance.



AMCO ATOMIZER—No. 5

Quality and quantity of spray are maintained even under adverse conditions because this atomizer is automatically self-cleaning. When the compressed air supply is shut off, either manually or in response to a humidity control, *both* air and water nozzles are thoroughly cleaned.



AMCO HUMIDITY CONTROLS

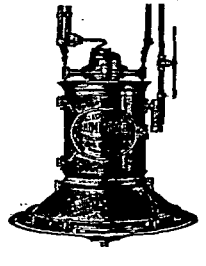
Compressed Air Operated

An extremely accurate and active device operated by compressed air which assures a regulation of humidity within exceedingly close ranges.

AMCO HUMIDITY CONTROL

Electrically Operated

Similar in principle to the Compressed Air Type except that the hygroscopic element operates electrical contacts which control the units.



IDEAL HUMIDIFIERS—Senior Type

A high capacity unit for use where conditions require a great amount and good distribution of moisture. Motor driven fan gives wide distribution of atomized spray. Amco heads serve the triple purpose of humidifying, air washing and cooling.

IDEAL HUMIDIFIERS—Junior Type

Similar in construction to Senior Type. Used where medium capacities are required.

April Showers Company

4126 Eighth Street, N.W. — **Washington 11, D. C.**

April Showers

(Trade Mark Reg. U. S. Pat. Office)

AUTOMATIC EVAPORATIVE ROOF COOLING

"Right as Rain" and "The Best Insulation Under the Sun" were phrases Given to APRIL SHOWERS by our customers

Distributors and Dealers in Principal Cities

DEALERS and CONTRACTORS—AN ANNOUNCEMENT of PROFIT

APRIL SHOWERS is the trade name of an EFFICIENT fool proof method of preventing roof heat penetration or solar infiltration causing excessive heat in upper floors and in factories, stores, theatres, shops, etc.

City water under normal city pressure is usually adequate to serve your APRIL SHOWERS system. The sun operates it. Roofs LAST LONGER, greater comfort is assured, production during the summer's heat is kept apace, errors through fatigue are avoided, and MANAGEMENT acclaims APRIL SHOWERS a GOD-SEND.

Any established air conditioning engineer, contractor, dealer or any plumber and kindred workmen can obtain APRIL SHOWERS supplies, plans and instructions for erecting APRIL SHOWERS for you or your clients. Write for "INTRODUCING APRIL SHOWERS" which is a loose-leaf bound book for Installers and Dealers.

Contractors, Dealers and Installers be sure to share in the APRIL SHOWERS post-war prosperity. You are not required to inventory any merchandise. You purchase only such equipment as is needed for each installation. You set your own SELLING PRICE. You share PROFITS with NO ONE.

- **Solar radiation** is converted to cooling effect, reducing normal heat transmission 70 per cent upward. Entire roof surface temperature is normally held at wet bulb temperature when evaporative factors are favorable. Transmission of solar heat through glass skylights is reduced as much as 85 per cent.
- **Fire Prevention** from external sources is obtained through installation of manual emergency switch. Roof is quickly and completely sprinkled at will, putting out fire-brands, sparks, embers, and maintaining a wet roof.
- **For Cooling Automatically** upper level, floors, lofts, rooms of buildings. For giant stores, theatres, amusement palaces, stadiums. APRIL SHOWERS is self operating by use of an electric thermal control placed upon the surface of the roof in the SUN. Evaporative cooling effect of liquid applied turns system off. Operating cycles repeat as roof temperature calls for cooling. Water may be used from city mains, wells, or waste water from condenser units.
- **Water Consumption** can be adjusted to approximately twenty gallons per day for 1,000 sq. ft.

Air conditioning and plant engineers are agreed that APRIL SHOWERS fills a definite need where its use is indicated.

Hundreds of installations, from Boston to Los Angeles have been made.
Write for information and address of nearest distributor.

Inquiries will be answered promptly. Estimates free upon request.

APRIL SHOWERS controlled roof cooling is protected by U. S. Patents; beware of imitators or infringers.

Developed in 1933-34.