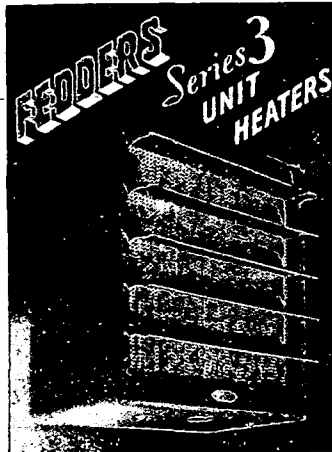


## Fedders Manufacturing Co.

HEAT TRANSFER SPECIALISTS SINCE 1896

57 Tonawanda Street, Buffalo, N. Y., U. S. A.

Manufacturers of Unit Heaters, Household and Commercial Electric Refrigeration Appliances and Air Conditioning Equipment



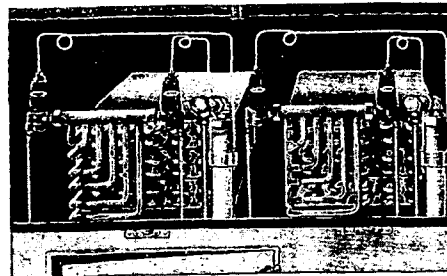
### BUILT AS GOOD AS THEY LOOK

Handsome, sturdy. Cabinets are finished in pleasing dark brown with morocco-like texture. Streamline tubes and patented fin construction combine greater efficiency of prime and fine surface with lower resistance to the air flow. Inter-tube expansion stresses are eliminated. Full-Floating mountings absorb expansion and contraction stresses between element and cabinet. They also maintain positive alignment and protect the element from piping strains. Quieter operation is secured through Fedders streamlined tubes, exclusive fin design, graduated pitch fans, resilient motor mountings which isolate vibration and sturdy cabinets which eliminate resonance. Made in a complete line with capacities up to 1200 Sq Ft EDR.

Pat. 1,970,105 other Pats. Pending

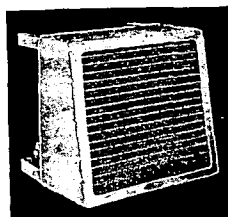
### FEDDERS STANDARD COOLING COILS FOR AIR CONDITIONING

Fedders complete line of catalog size Cooling Coils for Air Conditioning in capacities up to 100 tons puts cooling coils on a package basis. Fedders Manifolding reduces internal friction to a minimum. Write for catalog giving specifications, dimensions and capacities, also full information on Fedders High Capacity Thermostatic Expansion Valves.



Pats. Pending

### FEDDERS FORCEDRAFT UNIT COOLERS with Hundreds of Water Troughs



Pats. Pending

Fedders Exclusive inclined element and patented fin design provides hundreds of integral water troughs which maintain correct relative humidity. The Water troughs act as moisture accumulators. During the off cycle the moisture is slowly returned to the air.

By providing circulation as well as convection, uniform refrigeration is provided in all parts of the box.

Cooling element, cabinet and hangers are made of copper and brass, electro tin plated. Fedders Forceddraft Unit Coolers Can Not Rust.

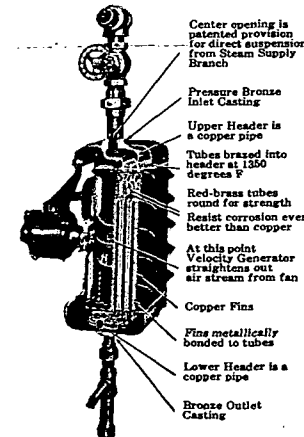
Capacities from 1/10 to 1 1/2 tons I.M.E.

## Modine Manufacturing Co.

17th and Holburn Streets, Racine, Wisconsin  
Branches in All Principal Cities

### MODINE UNIT HEATERS

Application—Not only successfully used for industrial, garage and similar space-heating applications, but ideally suited also to show-rooms, stores, oil stations, churches, school rooms, resi-



Each tube of condenser, before entering lower header, bends in a way which provides for free expansion.

dential recreation rooms, etc. They have also effected important economies in the drying of paint, leather, enamels, paper, wood, etc., by speeding up and bettering the drying process.

Description—Exclusive features that not only make the Modine a better unit structurally but assure far more effective,

### MODINE UNIT HEATERS CAPACITIES AND DIMENSIONS (In Inches)

| Model No. | Over-all Height | Width  | Depth Less Motor | EDR. | C.F.M. | Motor R.P.M. |
|-----------|-----------------|--------|------------------|------|--------|--------------|
| 76        | 10 1/2          | 9 3/4  | 5 3/4            | 76   | 194    | 1550         |
| 152       | 18              | 15     | 8                | 152  | 540    | 1590         |
| 170       | 18              | 15     | 8                | 170  | 507    | 1140         |
| 240       | 18              | 15     | 8                | 240  | 755    | 1700         |
| 244       | 19 1/2          | 18     | 9                | 244  | 730    | 1140         |
| 321       | 22 1/2          | 18     | 9                | 321  | 900    | 1140         |
| 324       | 19 1/2          | 18     | 9                | 324  | 1005   | 1725         |
| 433       | 22 1/2          | 18     | 9                | 433  | 1315   | 1710         |
| 439       | 23              | 22     | 9                | 439  | 1270   | 850          |
| 542       | 23              | 22     | 9                | 542  | 1710   | 1125         |
| 589       | 26 1/2          | 22     | 9                | 589  | 1775   | 850          |
| 710       | 26 1/2          | 22     | 9                | 710  | 2230   | 1120         |
| 903       | 27              | 26     | 10 1/2           | 903  | 3000   | 1125         |
| 1163      | 30              | 26     | 10 1/2           | 1163 | 4050   | 1110         |
| 1545      | 31              | 52 1/2 | 11               | 1545 | 5400   | 1125         |
| 2015      | 31              | 56 1/2 | 11               | 2015 | 6540   | 1110         |

All above models are available with variable speed motors. Units for hot water application also available.

economical distribution of heat: (1) The Expansion Bend given each tube of the condenser before entering lower header, provides for free expansion, thus eliminating expansion strain from being transferred to header tanks. (2) Velocity Generator for redirecting and controlling the heated air stream, assures greater possible throw consistent with comfortable heating. (3) Direct Pipe Suspension greatly facilitates horizontal redirection of the heated air stream, permitting full 360 deg. rotatability. Also means far easier installation, at less cost—no brackets, pipe rods or straps being necessary. Write for Unit Heater Catalog 234.

### MODINE COPPER CONVECTORS

A convector comparatively light yet unusually sturdy in construction. Available in a wide range of sizes and four general types—Concealed, Recessed, Floor Cabinet and Wall Cabinet. For steam, vapor or vacuum systems; line also includes a hot water type copper radiator designed specifically for hot water systems.

Write for Catalog 135. Data and capacities in 1935 edition of Sweets Catalog File.

### MODINE COPPER-CAST RADIATORS

A combination of copper and cast-iron that combines convected and radiated heat for greatest comfort and economy. Modine Copper-Cast heats faster than cast-iron because of the copper convection unit, and cools much slower than unassisted convectors, thus maintaining a more even temperature than either.

Write for Catalog 135. Data and capacities in 1935 edition of Sweets Catalog File.

### MODINE HUMIDITIONER

The Humiditioner, a low cost domestic air conditioner used in conjunction with a radiator heating system. It humidifies, cleans, circulates heated air; can be furnished with cooling coil for living quarter cooling. The Humiditioner is ordinarily installed in the basement, suspended from the ceiling where it takes up no floor space; gives benefits of air conditioning without sacrificing virtues of radiator heating.

Write for Catalog 135.

### OTHER MODINE PRODUCTS

Modine also offers complete lines of Blast Heaters, Cooling Coils and Unit Coolers. Data gladly furnished on request.