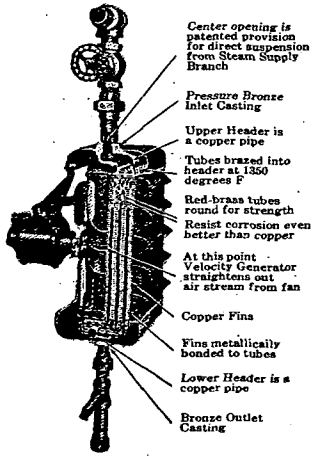
Modine Manufacturing Co.

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, residential 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.



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

Description—Exclusive features that not only make the Modine a better unit structurally but assure far more effective, 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 635.**

MODINE UNIT HEATERS CAPACITIES AND DIMENSIONS

(In Inches)

Model No.	Over-all Height	Width	Depth Less Motor	E.D.R.	C.F.M.	Motor R.P.M.
76	10½	9¾	5¾	76	187	1550
126	16	13	8	126	456	1590
152	18	15	8	152	540	1590
181	18	15	8	181	770	1140
204	18	15	8	204	735	1140
238	18	15	8	238	731	1140
275	19½	18	9	275	1052	1140
352	22½	18	9	352	1425	1140
440	22½	18	9	440	1320	1140
542	23	22	9	542	1710	1125
710	26½	22	9	710	2230	1120
903	27⅛	26	10½	903	3000	1125
1163	30⅛	26	10½	1163	4050	1110
1545	30⅛	52½	11	1545	5400	1125
2015	30⅛	56½	11	2015	6540	1110

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

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.**

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.**

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

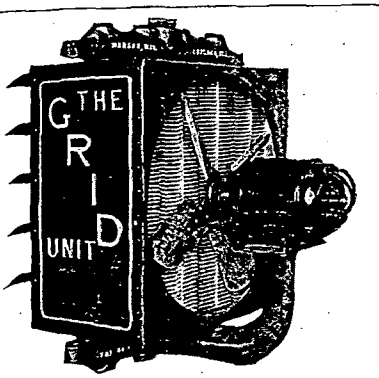
Modine also offers complete lines of Blast Heaters, Cooling Coils and Unit Coolers. Data gladly furnished on request.

The Unit Heater and Cooler Co.

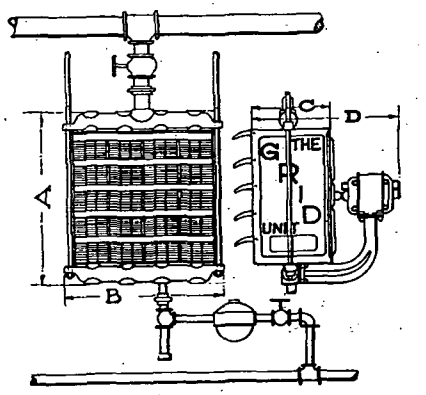
Wausau, Wisconsin

Offices in Principal Cities

MANUFACTURERS OF THE GRID UNIT



Sturdy—Permanent
The Grid Unit Heater
(A product of the D. J. Murray Mfg. Co.)



Typical Installation of Grid Unit Heater

GRID UNIT HEATER DATA

Delivers More Warm Air to Floor and Working Zone *Varies with type of motor.

Model No.	Dimensions A	B	C	D*	Face Area Sq. Ft.	Motor Hp.	Motor R.P.M.	Volume at Fan	Capacities 5 Lb. Press. 60° Air B.T.U.	Capacities 5 Lb. Press. 60° Air Final Temp.	Approx. Shipping Weight	Pipe Sizes Supply	Pipe Sizes Outlet
1015	11¾	15½	9	14½	.52	1/30	1600	220	19450	....	90	¾"	¾"
1020	11¾	20½	9	14½	.69	1/30	1500	285	24200	....	100	¾"	¾"
1200	15	12½	11¼	17½	1.04	1/20 1/30	1700 1150	711 515	46000 34900	119 122	120	1¼"	1¼"
1500	22	18	11½	20	1.67	1/10 1/20	1750 1150	1450 1015	77500 65500	109 118	210	1½"	1¼"
1520	27	18	11½	20	2.2	1/8 1/20	1750 1150	1700 1288	104000 83500	113 118	250	1½"	1¼"
2000	27	23¼	11½	21½	2.8	1/6 1/10	1150 850	2500 1835	148000 113000	114 117	320	2"	1¼"
2025	32	23¼	11½	21½	3.6	1/6 1/10	1150 850	2875 2380	177000 158500	115 120	370	2"	1¼"
2500	32	28½	11½	28	4.5	1/2 1/4	1150 850	4200 3375	225000 197000	108 113	440	2"	1¼"
2530	36	28½	11½	28	5.3	1/2 1/4	1150 850	4650 3350	282000 226000	115 121	500	2"	1¼"
3000	38	33	13¾	29	6.5	1 1/2 1/2	1150 850	8100 6350	394000 341000	104 109	725	2½"	1¼"

Grid Unit Heaters—Reduce fuel cost and maintenance expense—no damage possible to **Grid** due to electrolytic action as it cannot take place in **Grid Units.**

Long Life—Efficient Service—Good for 250 lb. working pressure.

Manifolds or Headers and Steam Chamber—Cast High Test Iron.

Fin Surface—Aluminum alloy cast metal to metal bond with steam chamber.

Lower outlet temperatures and greater volume delivers warm air to working zone of room, thus eliminating heat losses at ceiling and avoiding stratification.