

The Unit Heater and Cooler Division

D. J. Murray Mfg. Co.

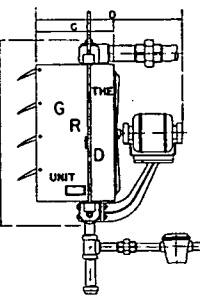
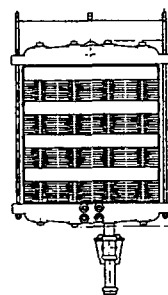
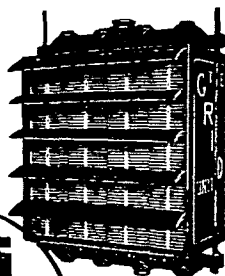
Wausau, Wisconsin

Offices in Principal Cities

MANUFACTURERS OF THE GRID UNIT

(PATENTED)

All-cast aluminum
"fins" bonded to
cast high-test iron
core.



No soldered,
braced, or expanded
joints—no seams
—fewest connec-
tions possible.

Typical Installation of Grid Unit Heater

GRID UNIT HEATER DATA

Model No.	Dimensions Inches				Face Area Sq Ft	Motor		Vol. at Fan	Capacities 5 Lb Steam 60° Air		Approx. Shipping Weight	Pipe Sizes	
	A	B	C	D*		Hp	Rpm		Btu	Final Temp.		Supply	Return
1000	16 1/4	11 1/4	9 1/8	16	0.84	1/20	1700	578	29,400	107	100	1 1/4"	1 1/4"
1200	18 1/2	13 1/2	11 1/2	17 1/2	1.04	1/20	1700	711	46,000	119	120	1 1/4"	1 1/4"
515	23 3/4	17 1/2	11 1/2	20	1.65	1/10	1750	1290	59,600	102	160	1 1/2"	1 1/4"
1500	23 3/4	17 1/2	11 1/2	20	1.67	1/10	1750	1450	77,500	109	210	1 1/2"	1 1/4"
1520	27 1/2	17 1/2	11 1/2	20	2.2	1/10	1750	1700	104,000	113	250	1 1/2"	1 1/4"
520	28 1/2	22 1/2	11 1/2	21 1/2	2.9	1/6	1150	2500	102,300	97	250	2"	1 1/4"
2000	28 1/2	22 1/2	11 1/2	21 1/2	2.9	1/6	1150	2500	148,000	114	320	2"	1 1/4"
2025	33 1/2	22 1/2	11 1/2	21 1/2	3.6	1/6	1150	2875	177,000	115	370	2"	1 1/4"
525	35 1/4	27 1/2	13	28	4.5	1/2	1150	4200	166,400	94	390	2"	1 1/4"
2504	35 1/4	27 1/2	13	28	4.5	1/4	1150	3200	210,000	118	420	2"	1 1/4"
2500	35 1/4	27 1/2	13	28	4.5	1/2	1150	4200	225,000	108	440	2"	1 1/4"
2530	37 1/4	27 1/2	13	28	5.3	1/2	1150	4650	282,000	115	530	2"	1 1/4"
530	39 1/8	32 1/2	13	29	6.5	1/2	1150	5300	260,500	105	600	2 1/2"	1 1/4"
3000	39 1/8	32 1/2	13	29	6.5	1/2	850	6350	341,000	109	690	2 1/2"	1 1/4"
3000	39 1/8	32 1/2	13	29	6.5	1 1/2	1150	8100	394,000	104	725	2 1/2"	1 1/4"

*Varies with type of motor.

GRID UNIT HEATERS ARE NOT AFFECTED BY ELECTROLYTIC ACTION.

No leaks—no breakdowns.
Low maintenance expense.
More air changes per hour.
Positive "directed" heat.

Lower outlet temperatures.

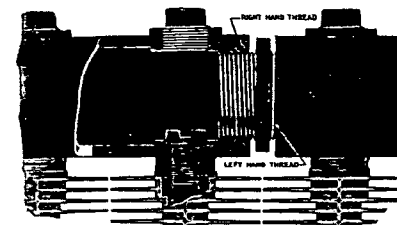
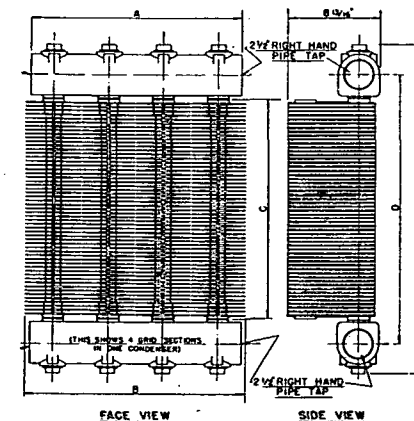
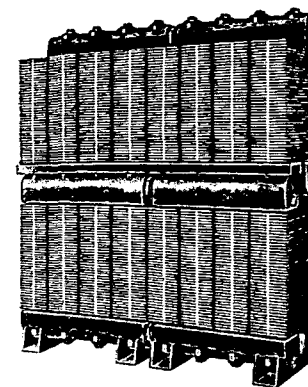
Larger air volume.

Reduced fuel cost.

Applicable to either low or high steam pressure lines.

Send for Bulletin on Units not listed above.

GRID BLAST COILS



No Electrolysis to cause corrosion.
All-cast aluminum heating sections. Only
one type metal in contact with steam.
Therefore, no electrolytic action is de-
veloped with its resultant corrosion to
cause leaks and breakdowns. Grid Blast
Coils are *different*.

GRID BLAST COILS DATA

Model	Face Area Sq Ft	No. of Sections Wide	Dimensions, Inches					Shipping Weight Lb
			A	B	C	D	E	
B215	1.15	Two	9 3/8	10 1/4	16 1/8	20 1/2	26 1/2	127
B315	1.72	Three	14 1/2	15 3/8	16 1/8	20 1/2	26 1/2	184
B415	2.30	Four	19 3/8	20 1/2	16 1/8	20 1/2	26 1/2	236
B515	2.88	Five	24 3/4	25 3/8	16 1/8	20 1/2	26 1/2	288
B615	3.45	Six	29 3/8	30 3/4	16 1/8	20 1/2	26 1/2	346
B220	1.50	Two	9 3/8	10 1/4	21 1/8	25 1/2	31 1/2	181
B320	2.25	Three	14 1/2	15 3/8	21 1/8	25 1/2	31 1/2	223
B420	3.00	Four	19 3/8	20 1/2	21 1/8	25 1/2	31 1/2	293
B520	3.76	Five	24 3/4	25 3/8	21 1/8	25 1/2	31 1/2	358
B620	4.52	Six	29 3/8	30 3/4	21 1/8	25 1/2	31 1/2	424
B225	1.86	Two	9 3/8	10 1/4	26 1/8	30 1/2	36 1/2	194
B325	2.80	Three	14 1/2	15 3/8	26 1/8	30 1/2	36 1/2	267
B425	3.72	Four	19 3/8	20 1/2	26 1/8	30 1/2	36 1/2	343
B525	4.66	Five	24 3/4	25 3/8	26 1/8	30 1/2	36 1/2	443
B625	5.58	Six	29 3/8	30 3/4	26 1/8	30 1/2	36 1/2	512
B230	2.22	Two	9 3/8	10 1/4	31 1/8	35 1/2	41 1/2	207
B330	3.32	Three	14 1/2	15 3/8	31 1/8	35 1/2	41 1/2	294
B430	4.43	Four	19 3/8	20 1/2	31 1/8	35 1/2	41 1/2	390
B530	5.54	Five	24 3/4	25 3/8	31 1/8	35 1/2	41 1/2	478
B630	6.65	Six	29 3/8	30 3/4	31 1/8	35 1/2	41 1/2	566

Cutaway section above shows why Grid Units are different—and how manifold is connected with steam chamber—a simple and efficient connection. Guaranteed for pressure up to 250 lb steam pressure with high temperatures. Compact and occupies less space than other radiation of equal capacity. No leaks—no breakdowns. Low maintenance expense. No tortuous air passages; hence, easy to clean at all times. Free area is much greater than other types of coils.

Send for complete data.