

# MULTITEMP

## GAS FIRED "MR" SERIES

COMMERCIAL HEATING PLANTS

140,000 to 7,000,000 BTU/Hr. Input

All Cast Iron—100 gal. ASME

10 YEAR GUARANTEE

As Specified in Catalog #H-107



### HEAVY DUTY SPACE HEATING

OF FACTORIES, APARTMENT HOUSES, MOTELS,  
CHURCHES, SCHOOLS, HOSPITALS, etc.

### LARGE VOLUME HOT WATER SUPPLY

IN COMMERCIAL & INDUSTRIAL  
ENTERPRISES & FOR PROCESS WORK

#### CAPACITY RATINGS FOR NATURAL, MIXED & MANUFACTURED GASES

Model No.	G.S. RATING SPACE HEATING A.C.S. approved for natural, mixed, & manufactured		NET I.B.E. RATING 1000 BTU/HR	E.D.R. SQ. FT.	VOLUME WATER HEATING HEATING FOR HOUR FOR TEMPERATURE RISE SHOWN				
	1000 BTU/HR	1000 BTU/HR			40°F	60°F	100°F	120°F	140°F
MR-100	340	700	270	1-140	340	400	350	390	250
MR-400	420	350	350	1-480	480	510	450	540	290
MR-500	500	400	300	2-000	600	630	480	400	340
MR-600	600	480	360	2-400	780	790	580	480	410
MR-700	700	500	420	3-000	1-210	800	750	600	300
MR-900	900	720	540	3-800	1-450	1-080	870	720	520
MR-1000	1-000	800	600	4-000	1-870	1-110	950	800	490
MR-1200	1-200	860	720	4-800	1-920	1-400	1-340	950	610
MR-1500	1-500	1-200	900	6-000	2-400	1-810	1-400	1-310	1-000
MR-1800	1-800	1-480	1-080	7-000	2-890	2-170	1-740	1-480	1-240
MR-2100	2-100	1-880	1-360	8-000	3-270	2-150	2-020	1-690	1-480
MR-2400	2-400	1-920	1-440	9-000	3-800	2-880	2-210	1-950	1-650
MR-2700	2-700	2-160	1-627	11-000	4-360	3-240	2-900	2-170	1-860
MR-3000	3-000	2-400	1-800	12-000	4-820	3-810	2-840	2-410	2-070
MR-3500	3-500	2-640	2-040	13-000	5-300	3-980	3-180	2-880	2-370
MR-4000	4-000	2-880	2-280	14-000	5-780	4-260	3-470	2-890	2-480

#### CAPACITY RATINGS FOR LP (Propane) GASES

Model No.	1000 BTU/HR	1000 BTU/HR	NET I.B.E. RATING 1000 BTU/HR	E.D.R. SQ. FT.	40°F	60°F	100°F	120°F	140°F
MR-340	340	288	270	1-140	340	400	300	380	250
MR-420	420	324	350	1-480	480	510	400	540	290
MR-500	500	400	300	2-000	600	630	480	400	340
MR-600	600	464	360	2-400	780	790	580	480	410
MR-700	700	490	420	3-000	1-210	800	750	600	300
MR-900	900	648	540	3-800	1-450	1-080	840	700	500
MR-1000	1-000	690	600	4-000	1-870	1-200	950	800	590
MR-1200	1-200	954	720	4-800	1-920	1-400	1-340	950	610
MR-1500	1-450	1-190	810	6-000	2-330	1-750	1-400	1-310	1-000
MR-1800	1-740	1-392	1-054	7-000	2-800	2-100	1-680	1-480	1-200
MR-2100	2-020	1-624	1-248	8-000	3-200	2-450	1-940	1-630	1-400
MR-2400	2-320	1-854	1-458	9-000	3-700	2-860	2-240	1-800	1-600
MR-2700	2-610	2-068	1-621	10-000	4-180	3-140	2-520	2-100	1-800
MR-3000	2-900	2-270	1-800	11-000	4-660	3-480	2-800	2-330	2-000
MR-3500	3-400	2-764	2-241	14-000	5-700	4-140	3-300	2-880	2-300

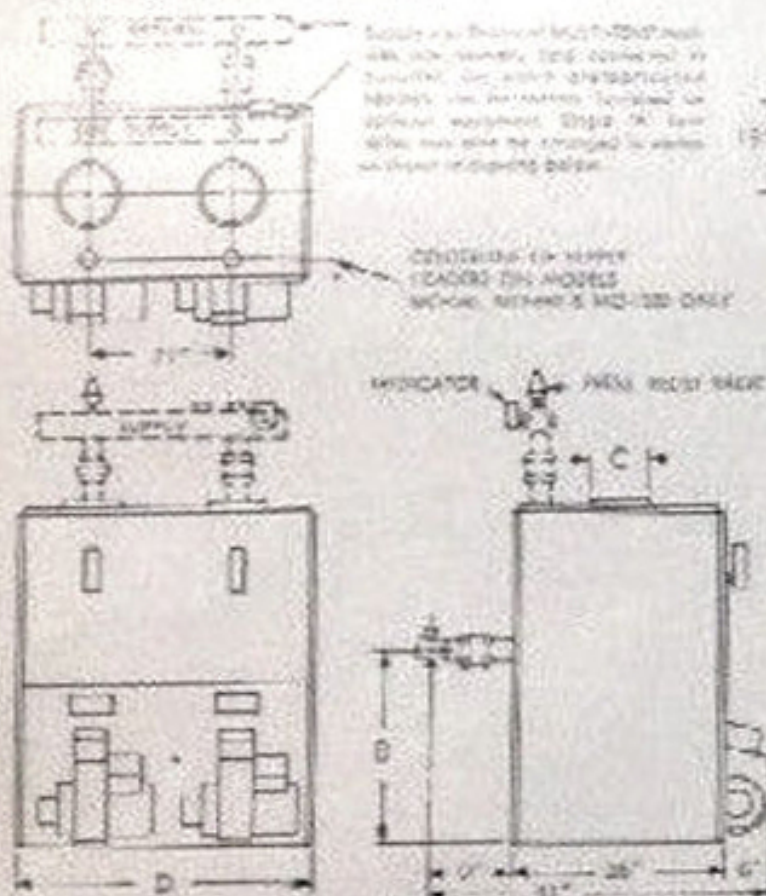
Rating are based on steam and hot water tables published by The Institute of Boiler and Radiant Manufacturers. For further complete capacity information.

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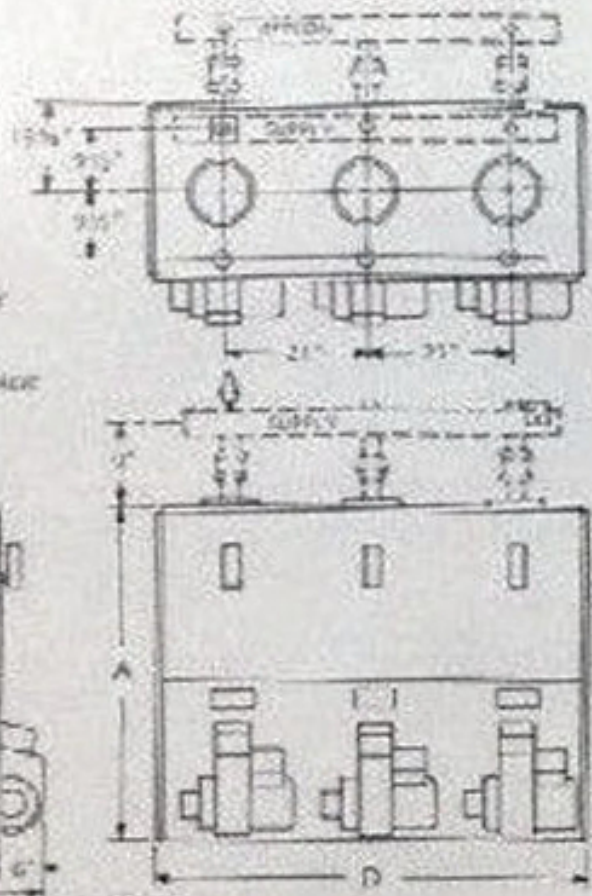
# DIMENSIONS WEIGHTS

MODEL	DC VOLT RATED VOLTAGE (25°C)	NO. TUBES	VLT. BATTERY		SERIES/SHUNT BATTERY					PARALLEL BATTERY		SERIES SIZE (INCHES)	DWT LBS.
			A	B	A	B	C	D	E	F	G		
MO-420	2.00	2	1	—	43 1/2	23 1/2	7	41	—	2	1	90x17x20	1191
MO-550	4.00	2	1	—	53 1/2	23 1/2	7	41	—	2	1	128x17x20	1801
MO-650	4.75	2	2	—	49 1/2	23 1/2	8	42 1/2	—	3	1	12x12x20	1400
MO-770	5.25	2	1	—	40 1/2	23 1/2	8	42 1/2	—	1	1	22x18x20	1620
MO-845	5.50	4	—	1	40 1/2	23 1/2	8	42 1/2	—	3	1	22x18x20	3210
MO-880	5.50	3	—	1	47 1/2	23 1/2	8	43 1/2	—	3	1	22x18x20	2790
MO-1150	5.25	3	—	1	58 1/2	23 1/2	8	44 1/2	—	3	1	16x16x20	2400
MO-1370	6.00	4	2	—	48 1/2	23 1/2	8	45 1/2	42 1/2	3	2	16x16x20	2890
MO-1460	12.00	4	2	—	48 1/2	23 1/2	8	45 1/2	42 1/2	3	2	16x20x25	3030
MO-2025	14.25	5	1	1	42 1/2	23 1/2	8	112	—	4	2	70x20x25	4000
MO-2310	16.50	6	—	2	42 1/2	23 1/2	8	133	6 1/2	4	2	70x20x25	4400
MO-2570	15.25	7	2	2	46 1/2	23 1/2	8	100 1/2	—	5	2	22x22x25	5000
MO-3250	17.25	8	1	2	55 1/2	23 1/2	8	15 1/2	—	5	3	22x26x25	6400
MO-3425	16.75	2	—	3	58 1/2	23 1/2	8	20 1/2	—	3	3	22x26x25	7200
MO-3850	21.25	10	2	2	48 1/2	23 1/2	8	240	11 1/2	3	6	24x24x25	8000
MO-4175	20.25	11	1	3	40 1/2	23 1/2	8	281	—	3	6	24x24x25	8400
MO-4625	23.25	12	—	4	42 1/2	23 1/2	8	272	12 1/2	4	4	24x24x25	9600

### TYPICAL "A" BATTERY



### TYPICAL "B" BATTERY



### TYPICAL BATTERY GROUPINGS:

