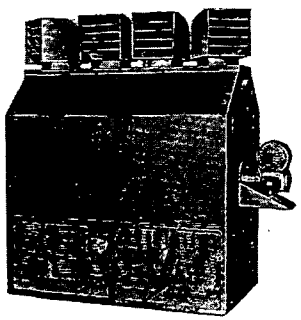
National Heater Company

2182 Cleora Avenue, NATIONAL CHAMPION St. Paul 4, Minnesota

OIL, GAS and COMBINATION GAS-OIL FIRED UNITS 250,000 to 1,500,000 Btu



Model "H"

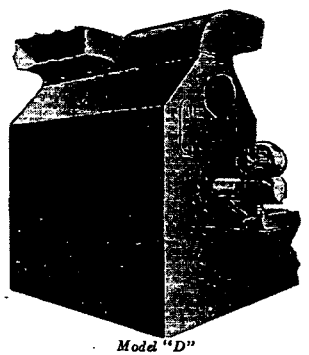
Streamlined firebox of rust and heat resisting stainless steel requires no refractory and affords life far beyond that possible with mild carbon steel. Tear Drop design and convector tube arrangement of the heat exchanger with properly interspaced multiple blowers assures complete, efficient air wipage of all heating surface at a minimum of resistance. Induced draft blowers can be supplied when suitable chimney or stack is not available.

ALSO AVAILABLE FOR HORIZONTAL CEILING SUSPENSION

Heater Number	BTU Output Capacity	CFM at ⅝ in. S.P.	HP Blower Motor	Overall Dimensions			Smoke Outlet	Weight
				Width	Length	Height		
TD- 25	250,000	3,600	¾	32	60	81	10"	1,100
TD- 40	400,000	5,400	1	32	60	81	10"	1,160
TD- 50	500,000	6,600	1½	32	80	81	12"	1,440
TD- 70	750,000	8,800	2	32	80	81	12"	1,555
TD- 80	800,000	10,200	3	48	80	81	12"	2,055
TD-100	1,000,000	12,500	5	48	80	81	12"	2,280
TD-125	1,250,000	15,300	5	54	100	103	14"	2,800
TD-150	1,500,000	19,400	7½	54	100	103	14"	3,000

MODEL "H"—These direct fired unit heaters insure highly satisfactory "working area" heat diffusion. Ideal for factories, foundries, garages, hangars, terminals and warehouses.

MODEL "D"—Supply and return ducts are conveniently connected to these quiet operating units. Designed specifically for auditoriums, churches, offices, schools and theatres.



Model "D"

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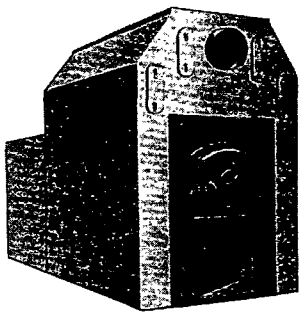
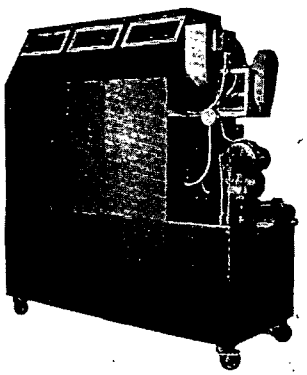
HEAVY DUTY "ALL FUELS" HEATERS

Heaters are of welded one-piece steel construction throughout, designed principally for central heating systems and drying applications. Large firebox with ample flue travel insures complete fuel combustion and minimum stack loss resulting in unusually high efficiency whether stoker, oil or gas fired. Ample provisions made for relief of internal stresses due to repeated expansion and contraction. Rigid panel type insulated casings are shaped to contour of heaters. Fan capacities shown provide an average 75 deg temperature rise through heater. Blowers or blower-filter-cabinet units can be sized to meet individual requirements of each installation.



900 Series

Heater Number	BTU Output Capacity	Sq Ft Heating Surface	CFM at ⅝ in. S.P.	HP Blower Motor	Overall Dimensions				Smoke Outlet	Weight
					Length	Width	Height	Blower		
#904	400,000	138	5,400	1	64	38	69	50	10"	2,370
#905	500,000	184	6,600	1½	70	48	72	50	10"	2,640
#907	700,000	234	8,800	2	82	48	78	52	12"	3,020
#908	800,000	268	10,000	3	94	48	78	52	12"	3,280
#910	1,000,000	351	12,500	3	118	48	78	70	14"	3,730
#915	1,500,000	519	18,000	5	118	66	96	52	16"	4,880
#920	2,000,000	667	24,000	7½	142	66	96	70	16"	5,920



PORTABLE HEATING UNIT

A complete, self-contained portable unit providing immediate heat delivery when and where needed. Units are fully assembled with motors, blowers, burner, induced draft blower and self-contained fuel tank. Just plug in—wired and flame tested at factory.

Heater No.	BTU	CFM	Motor HP	Shipping Weight
P- 300	300,000	5,000	1	1400
P- 500	500,000	7,000	2	1600
P- 800	800,000	10,500	3	2060
P-1200	1,200,000	15,000	5	2900
P-1800	1,800,000	23,000	7½	3800

WRITE FOR COMPLETE INFORMATION ON ALL UNITS