

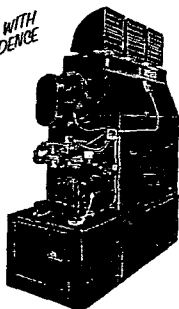
National Heater Company, Inc.

2475 Doswell Avenue
St. Paul 4, Minnesota

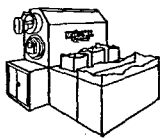
Sales representatives in principal
cities in U. S. and Canada

NATIONAL
Champion
WARM AIR
SPACE HEATERS

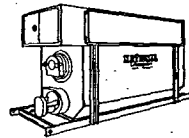
*SELECT WITH
CONFIDENCE



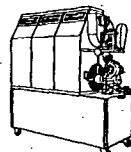
Model H—Standard upright (floor set) model.
Model D—Without discharge heads for duct installations.



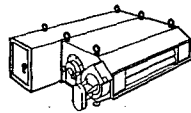
MODEL S—Vertical unit.
Side blowers for bypass
arrangement.



MODEL R—Inverted unit
for floor or ceiling sus-
pension.



MODEL P—Self contained
portable unit.



MODEL C—Horizontally
suspended unit. Ideal
when floor space is lim-
ited.

WRITE FOR 1960 CATALOG

National "Universal" Heaters custom-designed or packaged burners SERIES ITD

National "Universal" heaters offer exclusive custom-designed or conventional packaged heaters... gas, oil or combination fuel burners. Heaters are available with discharge heads or for use with ducts. Heat and corrosion resistant metals are used throughout all units. There is a National Champion for every space heating application.

- 6 models—96 sizes
- Gas, oil or gas and oil fired
- Stainless steel primary heat exchanger
- Guaranteed 80 percent operating efficiency
- Low initial cost—quick, easy installation
- Floor or ceiling suspended models
- Completely automatic—thermostatically operated
- Basic models U.L. and/or A.G.A. approved
- Factory flame-tested

UL—A.G.A. approved

Heater Number	Btu* Output	Standard† CFM 70°	Blowers DWD1	Fan Motor HP	Supply Fan RPM	Plenum Opening	Approx. Shipping Weight
TD-40	400,000	5,200	15"-Twin	1	638	18 x 60	1400
TD-50	500,000	6,500	15"-Twin	1½	652	18 x 60	1500
TD-55	550,000	7,200	15"-Twin	2	666	18 x 60	1550
TD-65	650,000	8,500	15"-Triple	2	666	18 x 80	1750
TD-75	750,000	9,800	15"-Triple	3	680	18 x 80	1900
TD-80	800,000	10,400	15"-Triple	3	694	18 x 80	1990
TD-85	850,000	11,100	15"-Triple	3	652	18 x 80	2400
TD-100	1,000,000	13,000	18"-Twin	5	707	18 x 80	2600
TD-125	1,250,000	16,300	21"-Twin	7½	847	24 x 100	3200
TD-150	1,500,000	19,600	21"-Twin	10	659	24 x 100	3450
TD-175	1,750,000	22,800	21"-Twin	10	763	24 x 100	3750
TD-200	2,000,000	26,100	21"-Triple	10	682	30 x 120	4300
TD-250	2,500,000	32,600	21"-Triple	15	799	30 x 120	4600
TD-300	3,000,000	39,100	24"-Triple	15	559	30 x 160	6630
TD-350	3,500,000	45,600	24"-Triple	20	663	30 x 160	6720
TD-400	4,000,000	52,100	24"-Triple	25	744	30 x 160	6910

* Tested and rated in accordance with the ASHRAE Standard No. 45-55, Code for Testing and Rating Heavy Duty Furnaces & Direct Fired Unit Heaters.

† Higher CFM ratings available on application.
Specification Data Subject to change without Notice.

U SERIES HI-BOY and COUNTER-FLO MODELS

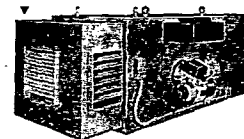
NATIONAL
Champion
WARM AIR
SPACE HEATERS

T-F SERIES SUSPENDED UNITS

U Series HI-BOY and COUNTERFLO models.

Research-designed for compactness plus efficiency are prime requirements. The HI-BOY upright units can be equipped with adjustable discharge heads or arranged for duct connections. COUNTER-FLO models for under floor heat distribution systems or inverted ceiling suspension. Five sizes—175,000 to 350,000 Btu output capacity for either gas or oil firing.

T-F Series suspended units. Heavy duty suspended units engineered for industrial and commercial heating applications where floor space is at a premium. Rugged, compact, easy to install—with four-way adjustable



discharge head or for convenient integration into a duct distribution system. Duct heaters available in identical Btu capacities. Special stainless steel and aluminized steel can be furnished for high temperature applications and corrosive conditions. Nine sizes—180,000 to 550,000 Btu output capacities—gas or oil fired.

T-F SERIES SUSPENDED UNITS

Model	Output (BTU/Hr)*	Fan CFM Capacity	Avail. SP	Fan Motor HP	Dimension in inches			Shipping Weight
					L	W	H	
TF-18	180,000	2,050	¾	¼	73	31	28	575
TF-20	200,000	2,300	¾	¼	73	31	28	630
TF-22	220,000	2,800	¾	¼	77	36	32	690
TF-25	250,000	3,000	¾	¼	77	36	32	720
TF-30	300,000	3,700	¾	¼	77	36	32	760
TF-35	350,000	4,500	¾	¼	92	48	42	1100
TF-40	400,000	5,200	¾	¼	92	48	42	1160
TF-45	450,000	5,800	¾	1½	99	48	48	1750
TF-55	550,000	6,400	¾	2	99	48	48	1850

* Tested and rated in accordance with the ASHRAE Standard No. 45-55, Code for Testing Heavy Duty Furnaces and Direct Fired Unit Heaters.

U SERIES—HI-BOY and COUNTER-FLO MODELS

Model	Output (BTU/Hr)*	Fan CFM Capacity	Fan Motor HP	Approx. Fan RPM	Dimensions in inches			Shipping Weight
					L	W	H	
U-175	175,000	2,000	¼	520	38	35	78	720
U-200	200,000	2,300	¼	560	38	35	78	740
U-250	250,000	3,000	¼	440	42	35	78	900
U-300	300,000	3,700	¼	543	42	35	78	940
U-350	350,000	4,400	1	500	42	35	83	1,060

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Specification Data Subject to change without Notice.

WRITE FOR 1960 CATALOG