

Tankful



NATIONAL COMBUSTION CO., INC.

WINTER CONCRETE WATER HEATING SYSTEM

From 6000 to 69000 Gal.



**Maximum Hot Water
with
Minimum Storage
and
Minimum Cost**

**Also Available
with Steam Capability**

- **This System is Available Either as a Package with Fire Coil Water Heater and Vented Tank or Steam and Hot Water Production Using Natco Tankless Boilers with Vented Tank.**
- **Available Gas or Oil Fired.**
- **Complete Line of Stainless Steel Circulating Pumps for tank Recirculation, Supply and Truck Tank Supply.**
- **Available for Indoor or Outdoor Installation.**
- **Tank Capacities Range from 3,000 to 30,000 Gallons.**
- **Heating Units Range from 400,000 to 6,000,000 BTU.**
- **Call Natco For Free Sizing and Estimates.**

ENGINEERED FOR QUALITY AND LONGEVITY

HOT WATER PRODUCTION RECOVERY TABLE

BASED ON 100 F WATER TEMPERATURE RISE (Deg. F) HIGHER TEMPERATURES ARE AVAILABLE.

TOTAL GALLONS OF HOT WATER AVAILABLE OVER 8 HOUR DAY

HEATER MODEL	GPH MIN FILL RATE	TANK CAPACITY GALLONS							
		3,000	5,000	8,000	10,000	15,000	20,000	25,000	30,000
T3-400G	389	6,112							
T3/5-500G	486	6,888	8,888						
T3/5-600G	583	7,664	9,664						
T3/8-715G	695	8,560	10,560	13,560					
T3/10-850G	827	9,616	11,616	14,616	16,616				
T3/10-1010G	982	10,856	12,856	15,856	17,856				
T3/10-1200G	1,167	12,336	14,336	17,336	19,336				
T3/15-1430G	1,391	14,128	16,128	19,128	21,128	26,128			
T3/20-1670G	1,624	15,992	17,992	20,992	22,992	27,992	32,992		
T3/20-1825G	1,775	17,200	19,200	22,200	24,200	29,200	34,200		
T3/20-2000G	1,968	18,744	20,744	23,744	25,744	30,744	35,744		
T3/25-2450G	2,411	22,288	24,288	27,288	29,288	34,288	39,288	44,288	
T3/30-3050G	3,001	27,008	29,008	32,008	34,008	39,008	44,008	49,008	54,008
T3/30-3500G	3,444	30,552	32,552	35,552	37,552	42,552	47,552	52,552	57,552
T3/30-4050G	3,985	34,880	36,880	39,880	41,880	46,880	51,880	56,880	61,880
T3/30-4500G	4,428	38,424	40,424	43,424	45,424	50,424	55,424	60,424	65,424
T3/30-5000G	4,920	42,360	44,360	47,360	49,360	54,360	59,360	64,360	69,360

Heater input rating is based on a maximum elevation of 2000ft. And must be derated 4% for every additional 1000ft. Maximum Recovery Time is 12 Hours when Using Smallest Heater.

FIRE COIL HEATER STANDARD FEATURES

- Integrated Finned Cupro Nickel (10 year warranty) or Copper (5 year warranty) tube heat exchanger, ASME 160lb. Working pressure, 2 pass configuration.
- 2 Stage firing on 500 -5000.
- Stainless steel burners.
- Built in integral draft hood.
- Circulating pump - stainless steel.
- Built in Draft Diverter.
- Flow switch.
- Pressure relief valve.
- Energy saving pump control Em² (175-1825)

VENTED TANK STANDARD FEATURES

- Tanks are Cylindrical in design and Built to meet UL Specification #142
- Tank Shell is made of 1/4" Steel and Heads are made of 5/16" Steel
- Tank Support is integral Steel "I" Beams
- For Easy Lifting to Lift Lugs are Part of the Tank Construction
- Man Way, Vents, Drain Connection, and Flange Fittings are Supplied as needed
- Tank is Available Insulated and Jacketed or Bare Tank.
- Insulation is 3" of Isocyanate foam
- A Urethane Thermo Plastic acts as an Outer weather Proof Skin Suitable for Outdoor.

OPTIONAL STAINLESS STEEL PUMPS

- Hot Water Recirculation
- Plant Supply
- Truck Tank Supply

OTHER NATCO PRODUCTS

- NATCO Tankless (Oil and/or Gas) to 6,000,000 BTUs
- Tank Type water heaters
- High Efficiency sealed combustion water heaters (SUPER-E, Millennia)

TANKFUL WATER HEATING SYSTEMS ARE AVAILABLE WITH NATCO C-SERIES AND 2000 SERIES WATER HEATERS. THIS SYSTEM OFFERS STEAM CAPABILITY AND CAN BE OIL OR GAS FIRED.