

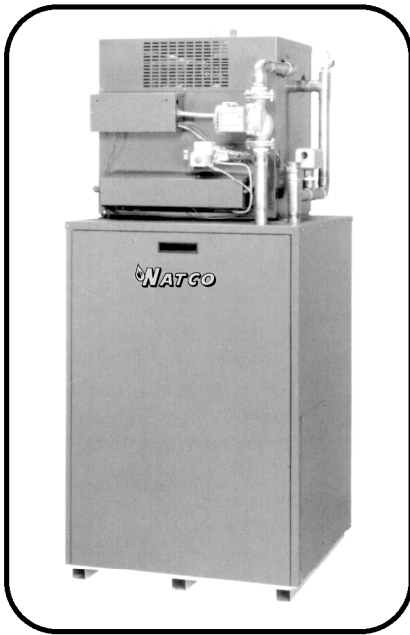


**FAN ASSISTED DIRECT VENT  
NO CHIMNEY NEEDED**

# **NAT-STAK & Mini-NAT**

## **COMPACT WATER HEATERS FOR TIGHT PLACES**

**THE NAT-STAK OFFERS A PARTICULARLY SMALL FOOTPRINT AND MINIMIZES INSTALLATION COSTS AS IT IS PRE-PLUMBED AND WIRED.**



NAT-STAK NS80-199

### **Water Heater**

- 165,000 BTU/hr Output
- 83% Thermal Efficiency
- Integral Induced Draft Fan
- 4" Vent (horizontal or vertical)
- Copper Tube Heat Exchanger
- Scale Free Operation
- Gasketless Bronze Header
- Hot Surface Pilot Ignition
- Slide Out Burner Tray
- Pressure Relief Valve
- Energy Saving Pump Control

### **Storage Tank NAT-STAK Only**

- 80 Gallon (302.8 liter) glass lined storage tank
- Magnesium sacrificial anode
- 2" Closed Cell Foam Insulation
- Maximum Working Pressure 150psi
- Tank Aquastat
- Pre-installed temperature and pressure relief valve
- Easily removable storage tank
- Coated sheet metal enclosure
- Hand-hole for cleanout

**THE MINI-NAT IS PRICED TO BEAT THE COMPETITION. THE PERFECT ALTERNATIVE TO LARGER HEATERS AS IT OFFERS REDUNDANCY OF HEATERS TO ASSURE HOT WATER AT ALL TIMES.**

The Mini-Nat and Nat-Stak water heater are rated at 165,000 BTU output with a recovery of 245 GPH @ 80 degree rise, producing a thermal efficiency of 83%.

The units are design certified to comply with the current edition of the harmonized ANSI Z21.10.3/CSA4.3 standard for gas water heaters.

The water tube heat exchanger is a straight tube design, 5/8" ID integral finned copper tubes. The tubes are rolled into ASME bronze headers rated for 160 psi working pressure.

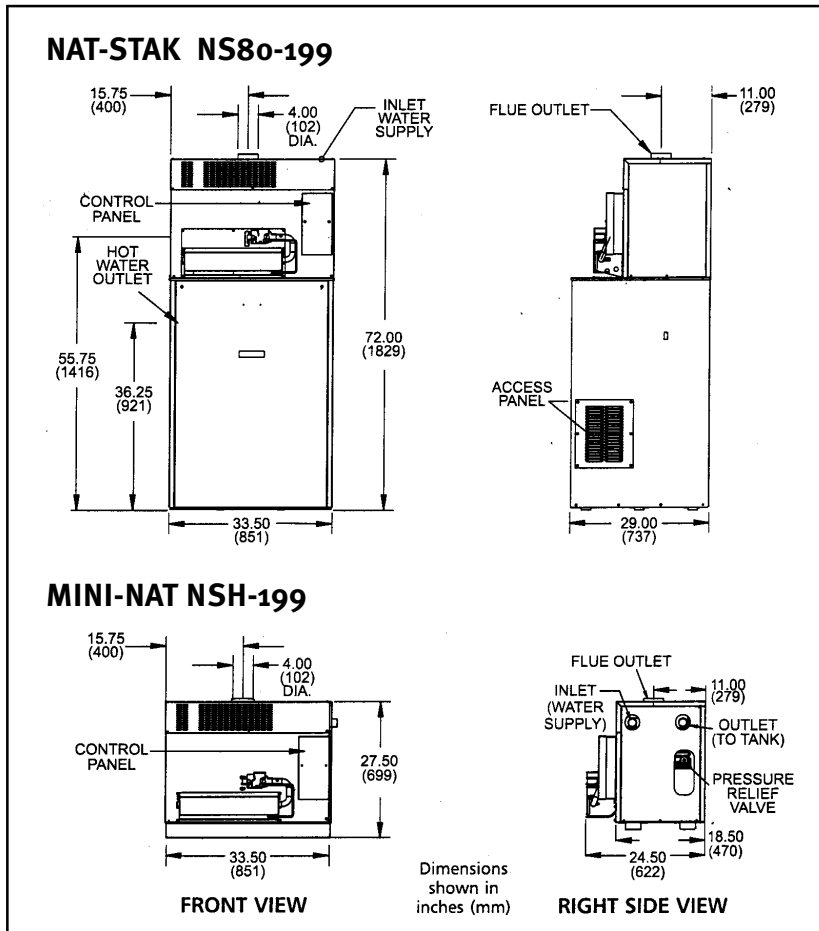
The units are of an induced draft design allowing for side wall venting when finished with the proper termination hood.

The burners are atmospheric and constructed of stainless steel. The entire burner tray is removable.



Mini-NAT NSH-199

# NAT-STAK & Mini-NAT



## APPLICATIONS

- Coin/Commercial Laundries
- 180F Sanitary Booster Systems
- Food Processing
- Manufacturing Processes
- Hotels/Motels
- Multi-Unit Housing
- Nursing Homes/Retirement Facilities
- Standard Restaurant Service



AVAILABLE WITH STACKING RACK

## Specifications and Dimensions

MODEL	INPUT	OUTPUT	GAS CONN. SIZE		WATER CONN. SIZE	DIMENSIONS W X D X H	SHIPPING WEIGHT
	BTU/H x 1000 kW	BTU/H x 1000 kW	NAT.	LP			
NS80-199	199	165	3/4"	1/2"	1-1/2"	33.5" X 29" X 72"	550lbs.
NSH-199	199	165	3/4"	1/2"	1-1/2"	33.5" x 24.5" x 27.5	185lbs.

## Water Heater Recovery Data

MODEL	Water Temperature Rise F										
	40	50	60	70	80	90	100	110	120	130	140
Gallons Per Hour Delivered											
NS80-199	490	392	326	280	245	218	196	178	163	151	140
NSH-199	490	392	326	280	245	218	196	178	163	151	140

SG 7/03 2000



NATIONAL COMBUSTION CO., INC.  
 104-11 180<sup>TH</sup> ST., JAMAICA, NY 11433  
 (718) 291-8400 • FAX (718) 291-6870  
 sales@nationalcombustion.com  
 www.nationalcombustion.com

