

C-Series



Tankless

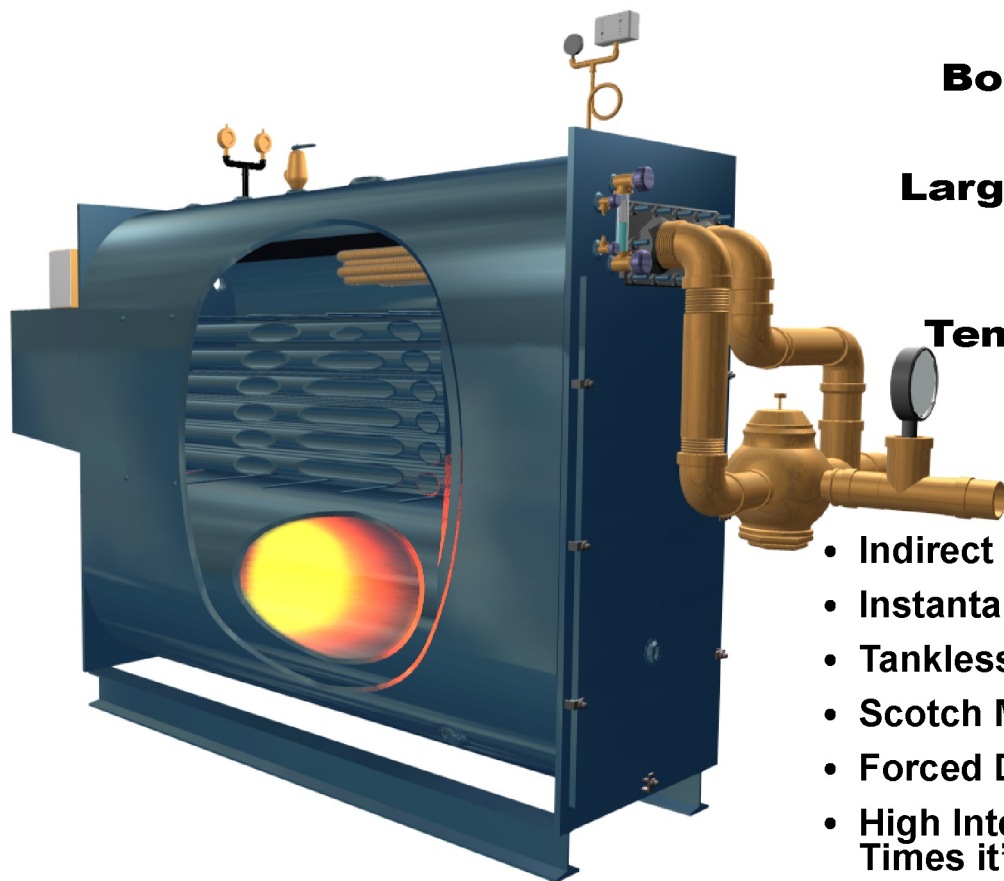
Water Heaters / Boilers
600,000 to 6,200,000 BTU

3 in 1

**Boiler for Low Pressure
Steam.**

**Large Volume of Hot Water
Up to 190F.**

**Boiler for High
Temperature Water up to
240F**



- Indirect Fired.
- Instantaneous.
- Tankless (No Storage Tank Required).
- Scotch Marine Design.
- Forced Draft Burner (Gas, Oil, or Both)
- High Intermittent Draw with Up to 2½ Times it's Regular Output.

Concrete Batching Plants

Hot Water Plus Steam Heating for Aggregate.

Block Plants

High volume Hot water and Steam Heating for Kilns.

Hotels

High Output for Rush Hour Demand, Washers and Steam Cleaning

Restaurants

High Output for Large Dishwashers and Steam Cleaning.

Processing

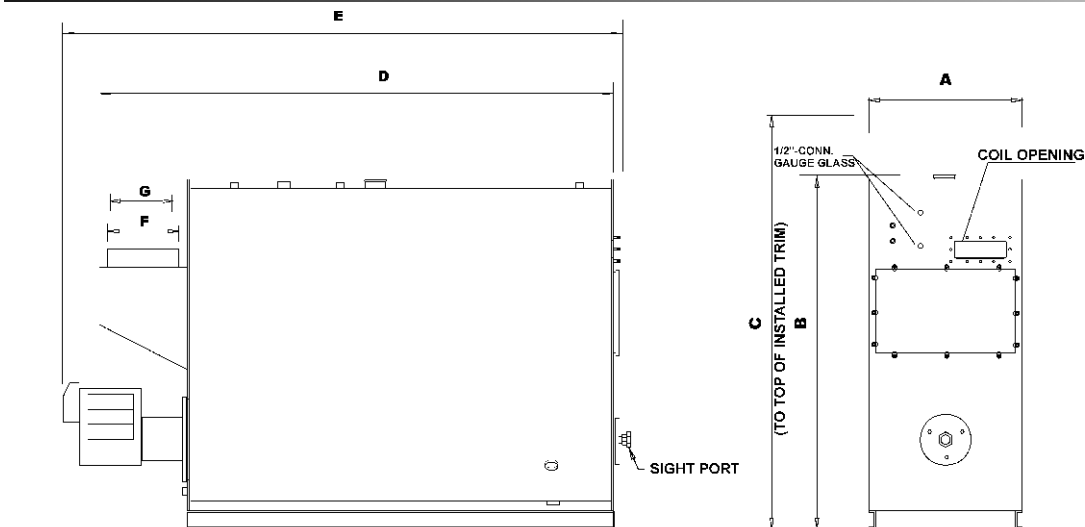
**Steam or Hot Water Heating
with or without Heat Exchangers.**



Engineered for Quality and Longevity

C-Series

Tankless
Water Heaters / Boilers



NATCO's rugged construction and unique design offers an unusually long life expectancy. (40 or more years of service is common.)

In addition to its high intermittent and hourly water heating capabilities, NATCO can deliver its full horse power rating to produce steam for aggregate heating.

NATCO has specialized in concrete applications for more than 50 years.

CM
CO
CMO **Gas Fired**
Oil Fired
Gas/Oil Fired

	RIGHT SIDE VIEW						REAR VIEW					
MODEL	58	72	82	105	130	165	200	250	290	400	500	600
Horse Power Output	14.5	17	20	26.5	33.5	40	50	62	72	100	125	150
Recovery Rate Gal/Hr 100°F Rise	580	720	825	1050	1300	1650	2000	2500	2900	4000	5000	6000
Intermittent Draw (5 Min.) Gal/Min 100°F Rise	18	25	30	40	50	60	80	90	90	110	125	140
Prime Water (Gal.)	115	190	230	280	290	335	380	510	510	650	775	850
Width (A)	21"	28"	28"	28"	30"	30"	30"	36"	36"	36"	42"	42"
Height Less Trim (B) Height With Trim (C)	49" 60"	56" 67"	56" 67"	56" 67"	71" 82"	71" 82"	71" 82"	85" 96"	85" 96"	85" 96"	102" 113"	102" 113"
Length Less Burner (D) Length With Burner (E)	63" 78"	65" 80"	78" 93"	90" 107"	80" 97"	90" 107"	102" 119"	104" 129"	104" 129"	125" 150"	117" 147"	130" 160"
Breeching Diam. (F) Chimney Inside Diam. (G)	8" 8"	10" 8"	10" 10"	10" 10"	12" 12"	12" 12"	14" 14"	20" 16"	20" 16"	20" 20"	22" 22"	24" 24"
Coil Terminal Size	1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	3"	3"
Input: CO (Oil) Gal./Hr. CM (Gas) 1000 BTU/Hr.	4.5 600	5.25 730	6 850	8 1100	10 1400	12 1700	15 2100	19 2490	22 3000	30 4200	37 5200	44 6200
Shipping Weight (Lbs.)	1200	1800	2100	2400	2600	2900	3700	4500	4500	5200	6200	7000

Natco is equipped with a forced draft burner. Forced draft firing requires the inside diameter chimney specified. No specific chimney height is required other than to provide a vent as high as the adjoining building. Local requirements and codes concerning material construction, design, and height must be observed.

Water flow rating based on incoming water pressure of 50 to 60 Lbs. Boiler constructed in accordance with American Society of Mechanical Engineers Code and bearing ASME seal. Burner are Underwriter's Laboratory approved.

Input and output must be derated 4% per 1000 feet above sea level when installed above 2000 feet altitude.

Please contact Natco if additional requirements are necessary.

Standard Knock Down Package consist of: Boiler, with Steam Trim, Burner, Copper Heat exchanger, Low-water Cut-off, Pressure Control, Steam Relief Valve, Air vents and Thermometer.

Optional Equipment: Mixing Valve, Fiber Glass Jacket, magnesium Rod, Misc. controls.

