

Fire Coil



WATER HEATER

175,000 BTU/HR to 5,000,000 BTU/HR



- 10 Year warranty on Cupro-Nickle Heat Exchanger**
- Draft Hood Included on all sizes**
- Energy Saving Pump Controller is Standard**
- 2 stage firing on 500,000 btu and larger**
- Honeywell Electronic Ignition is Standard**
- Optional Stainless Steel unmounted or Bronze Mounted Circulating Pump**
- Optional Storage Tanks (ASME is also available)**

BETTER DESIGN FOR BETTER QUALITY

HOT WATER PRODUCTION RECOVERY TABLE GALLONS PER HOUR

INDOOR MODEL	WATER TEMPERATURE RISE (Deg. F)								
	40	50	60	70	80	90	100	120	140
175	425	340	284	243	213	189	170	142	122
250	608	486	405	347	304	270	243	203	174
325	790	632	527	451	395	351	316	263	226
400	972	778	648	555	486	432	389	324	278
500	1215	972	810	695	608	540	486	405	347
600	1459	1167	972	833	729	648	583	486	417
715	1738	1391	1159	993	869	773	695	579	497
850	2066	1653	1378	1181	1033	918	827	689	590
1010	2455	1964	1637	1403	1228	1091	982	818	702
1200	2917	2234	1945	1667	1459	1297	1167	972	833
1430	3467	2781	2318	1986	1739	1545	1391	1159	993
1670	4060	3248	2706	2320	2030	1804	1624	1353	1160
1825	4437	3549	2958	2535	2218	1972	1775	1479	1268
2000	4920	3936	3280	2811	2460	2187	1968	1640	1406
2450	6027	4822	4018	3444	3014	2679	2411	2009	1722
3050	7503	6002	5002	4287	3752	3335	3001	2501	2144
3500	8610	6888	5740	4920	4305	3827	3444	2870	2460
4050	9963	7970	6642	5693	4982	4428	3985	3321	2847
4500	11070	8859	7380	6326	5535	4920	4428	3690	3163
5000	12300	9840	8200	7029	6150	5467	4920	4100	3514

Heater input rating is based on a maximum elevation of 2000ft. And must be derated 4% for every additional 1000ft.

STANDARD FEATURES

Integrated Finned Cupro Nickel(10 year warranty) or Copper(5 year warranty) tube heat exchanger, ASME 160lb. Working pressure, 2 pass configuration. Glass lined cast iron headers. Stainless steel burners. Built in integral draft hood. 115 or 230 /24V transformer for 24V control system. Operating gas valve/pressure regulator. Circulating pump - stainless or bronze. Redundant safety gas valve (500-5000) Operating control.

Adjustable manual reset safety high limit (175-5000)
Automatic reset high limit (2800-5000)
Manual shut-off valve.
Flow switch.
Pressure relief valve.
Terminal strip.
2amp fuse(175-1825), 5amp fuse(2000-5000)
Power on light (500-5000)
Non-combustible base (500-1825)
Energy saving pump control Em² (175-1825)
Hi-gas pressure switch (3050-5000)

OTHER NATCO PRODUCTS

NATCO Tankless (Oil and/or Gas) to 6,000,000 BTUs
Water Heaters for Dry-cleaning plants (Retriever)
Tank Type water heaters
High Efficiency sealed combustion water heaters (SUPER-E, Millennia)
High Pressure steam boilers