

# Hot Water Heater



OLD VALUES. NEW IDEAS.

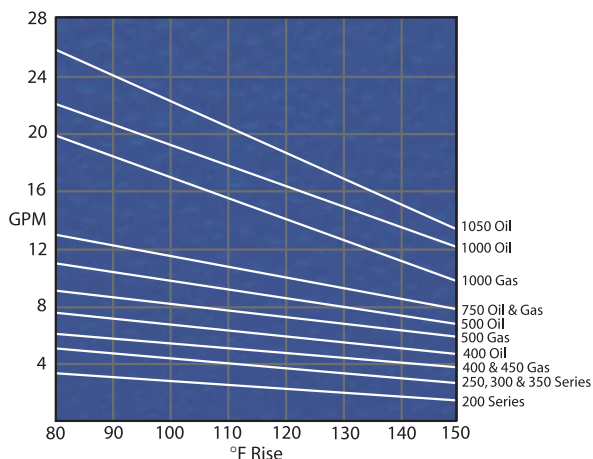
A rugged,  
dependable heater  
with the highest fuel  
efficiency ratings in  
the industry.

# Specifications

## Hot Water Heaters

MODEL	300	310	350	360	400	401	410	411	500	501	510
Burner, Oil Pressure Atomizing, Electronic Ignition	Kerosene, #1, #2 Diesel, 315,000 BTU	Kerosene, #1, #2 Diesel, 315,000 BTU	Kerosene, #1, #2 Diesel, 364,000 BTU	Kerosene, #1, #2 Diesel, 364,000 BTU	Kerosene, #1, #2 Diesel, 434,000 BTU	N/A	Kerosene, #1, #2 Diesel, 434,000 BTU	N/A	Kerosene, #1, #2 Diesel, 560,000 BTU	N/A	Kerosene, #1, #2 Diesel, 560,000 BTU
Burner, Gas Natural Aspirating	N/A	N/A	N/A	N/A	N/A	Nat. or LP Gas 375,000 BTU	N/A	Nat. or LP Gas 375,000 BTU	N/A	Nat. or LP Gas 500,000 BTU	N/A
Fuel Consumption	2.25 GPH	2.25 GPH	2.6 GPH	2.6 GPH	3.1 GPH	Nat.-382 Cu. Ft. per Hr., LP-4 GPH	3.1 GPH	Nat.-382 Cu. Ft. per Hr., LP-4 GPH	4 GPH	Nat.-476 Cu. Ft. per Hr., LP-5.4 GPH	4 GPH
Fuel Tank Capacity	12 Gal.	12 Gal.	9 Gal.	9 Gal.	Optional	N/A	Optional	N/A	Optional	N/A	Optional
Coil** (Steel Pipe)	126, 3/4" ID Schedule 80	126, 3/4" ID Schedule 80	126, 3/4" ID Schedule 80	126, 3/4" ID Schedule 80	168, 3/4" ID Schedule 80	168, 3/4" ID Schedule 80	168, 3/4" ID Schedule 80	168, 3/4" ID Schedule 80	250, 3/4" ID Schedule 80	250, 3/4" ID Schedule 80	250, 3/4" ID Schedule 80
Wheels	10" Ball Bearing Pneumatic	10" Ball Bearing Pneumatic	10" Ball Bearing Pneumatic	10" Ball Bearing Pneumatic	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
Dimensions	37" L, 16" W, 25" H	37" L, 16" W, 25" H	56" L, 27" W, 26" H	56" L, 27" W, 26" H	22" L, 22" W, 50" H	22" L, 22" W, 50" H	22" L, 22" W, 50" H	22" L, 22" W, 50" H	22" L, 22" W, 50" H	22" L, 22" W, 50" H	22" L, 22" W, 50" H
Weight	200 LBS	270 LBS	235 LBS	300 LBS	260 LBS	260 LBS	300 LBS	300 LBS	375 LBS	375 LBS	425 LBS
Temperature Control	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Flow Switch	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Flow Oil Solenoid	Optional	Optional	Optional	Optional	Optional	N/A	Optional	N/A	Optional	N/A	Optional
Electronic Ignition	N/A	N/A	N/A	N/A	N/A	Optional	N/A	Optional	N/A	Optional	N/A
Oil Primary Control	Optional	Optional	Optional	Optional	Optional	N/A	Optional	N/A	Optional	N/A	Optional

MODEL	511	750	751	760	761	1000	1001	1010	1011	1050	1060
Burner, Oil Pressure Atomizing, Electronic Ignition	N/A	Kerosene, #1, #2 Diesel, 630,000 BTU	N/A	Kerosene, #1, #2 Diesel, 630,000 BTU	N/A	Kerosene, #1, #2 Diesel, 1,000,000 BTU	N/A	Kerosene, #1, #2 Diesel, 1,000,000 BTU	N/A	Kerosene, #1, #2 Diesel, 1,400,000 BTU	Kerosene, #1, #2 Diesel, 1,400,000 BTU
Burner, Gas Natural Aspirating	Nat. or LP Gas 500,000 BTU	N/A	Nat. or LP Gas 600,000 BTU	N/A	Nat. or LP Gas 600,000 BTU	N/A	Nat. or L.P. Gas 1,040,000 BTU	N/A	Nat. or LP Gas 1,000,000 BTU	N/A	N/A
Fuel Consumption	Nat.-476 Cu. Ft. per Hr., LP-5.4 GPH	4.5 GPH	Nat.-571 Cu. Ft. per Hr., LP-6.5 GPH	4.5 GPH	Nat.-571 Cu. Ft. per Hr., LP-6.5 GPH	6.7 GPH	Nat.-990 Cu. Ft. per Hr., L.P.-11.3 GPH	6.7 GPH	Nat.-990 Cu. Ft. per Hr., LP-11.3 GPH	10 GPH	10 GPH
Fuel Tank Capacity	N/A	Optional	N/A	Optional	N/A	Optional	N/A	Optional	N/A	Optional	Optional
Coil** (Steel Pipe)	250, 3/4" ID Schedule 80	420, 3/4" ID Schedule 80	420, 3/4" ID Schedule 80	420, 3/4" ID Schedule 80	420, 3/4" ID Schedule 80	483, 3/4" ID Schedule 80	483, 3/4" ID Schedule 80	483, 3/4" ID Schedule 80	483, 3/4" ID Schedule 80	483, 3/4" ID Schedule 80	483, 3/4" ID Schedule 80
Wheels	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
Dimensions	22" L, 22" W, 50" H	30" L, 24" W, 60" H	30" L, 24" W, 60" H	30" L, 24" W, 60" H	30" L, 24" W, 60" H	36" L, 30" W, 60" H	36" L, 30" W, 64" H	36" L, 30" W, 64" H	36" L, 30" W, 64" H	36" L, 30" W, 64" H	36" L, 30" W, 64" H
Weight	425 LBS	475 LBS	450 LBS	525 LBS	500 LBS	625 LBS	600 LBS	675 LBS	650 LBS	625 LBS	675 LBS
Temperature Control	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Flow Switch	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Flow Oil Solenoid	N/A	Standard	N/A	Standard	N/A	Optional	N/A	Optional	N/A	Optional	Optional
Electronic Ignition	Optional	N/A	Optional	N/A	Optional	N/A	Optional	N/A	Optional	N/A	N/A
Oil Primary Control	N/A	Standard	N/A	Standard	N/A	Standard	N/A	Standard	N/A	Standard	Standard



To determine the size of water heater required, select temperature rise desired at gpm flow.

**Example:**  
 200° Desired Output  
 Temperature at 4 gpm  
 -50° Incoming Water Temperature  
 150° Temperature Rise

To attain the necessary temperature rise the 400 Series will be required.

### FEATURES

- Constructed of heavy gauge steel
- 40 to 80 gauge steel pipe
- Venting stack adapter
- 300,000 to 1,400,000 BTU
- Fires kerosene, diesel fuel, propane, or natural gas
- Exclusive spiral design
- Cold water wrap heating coil

### OPTIONS

- Fuel Tanks
- Temperature Controls
- Flow Switch
- Fuel Solenoids
- 3 Second Safety Control
- Electronic Ignition



OLD VALUES. NEW IDEAS.

Alcester, South Dakota 57001  
 1.800.255.6823 www.alkota.com

Note: Water heaters are not a stock item. Allow 2 to 4 weeks delivery time.

\*\*ADTM A-53 steel pipe, spiral wound, cold water wrap design, removable.



Form # HWH-4-03. Printed in the U.S.A.