

RESIDENTIAL INDIRECT SINGLE WALL WATER HEATER SPECIFICATIONS



NST
NILES
STEEL
TANK
SINCE 1898™

General:

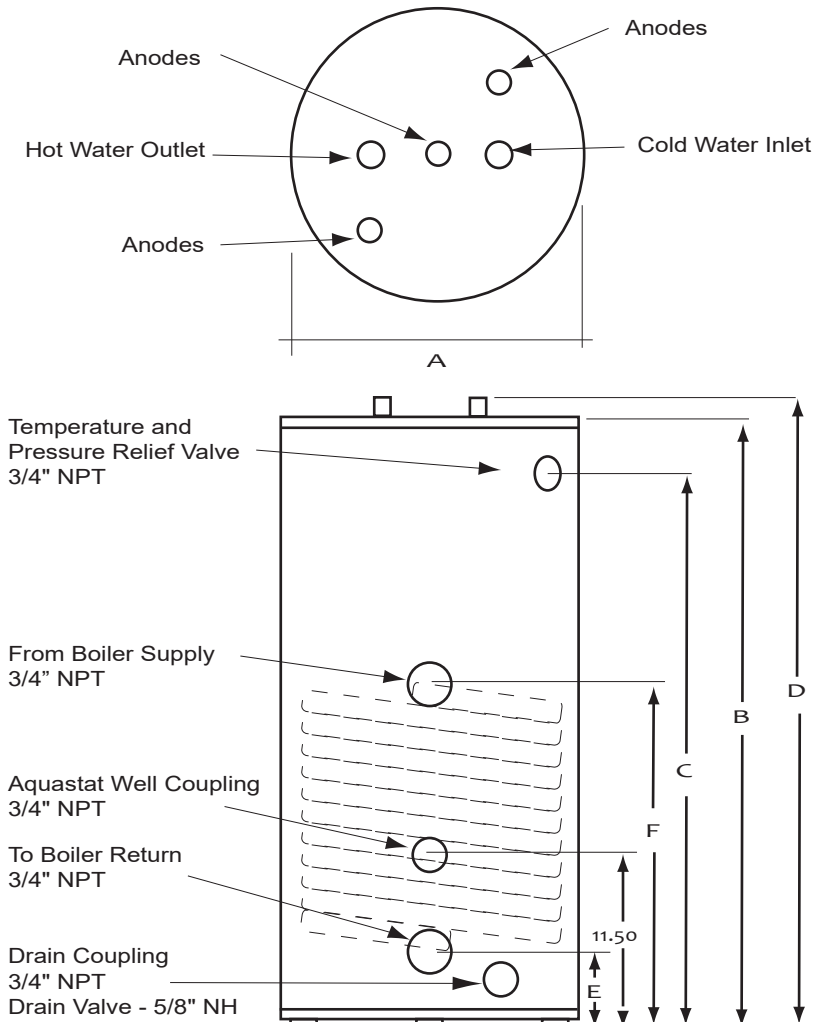
All units are certified at 300 psi test pressure (2068kPa) and 150 working pressure (1034 kPa). All potable water connections are 3/4" NPT (19mm) on 8" (203mm) centers.

Water Heater Dimensions (Inches)

Model	A	B	C	D	E	F
NSW-2-30-L	22	33 5/8	28 1/4	34 3/8	5 3/8	27 1/2
NSW-2-40-RL	22	41 1/8	34 3/8	41 7/8	5 3/8	27 1/2
NSW-2-50-RL	22	46 1/4	40 1/8	47	5 3/8	27 1/2
NSW-2-65-L	22	59 1/4	53 1/8	60	5 3/8	27 1/2
NSW-2-80-L	24	59	52 7/8	59 3/4	5 3/8	27 1/2
NSW-2-120-L	28 1/4	62 1/2	55 3/4	63 1/4	6 3/8	28 1/2

Suitable for water (Potable) heating and space heating.

Specifications



DOE Water Heater Performance

Model	Maximum First Hour Rating (Gal/Hr) @		Continuous Draw Rating (Gal/Min) @		Approximate Boiler Output Needed for Ratings (BTU/Hr)
	140°F	115°F	140°F	115°F	
NSW-2-30-L	279	429	4.2	6.7	220,000
NSW-2-40-RL	288	438	4.2	6.7	220,000
NSW-2-50-RL	297	447	4.2	6.7	220,000
NSW-2-65-L	306	456	4.2	6.7	220,000
NSW-2-80-L	321	470	4.2	6.7	220,000
NSW-2-120-L	357	507	4.2	6.7	220,000

Notes: All Ratings based on 200° F boiler water temperature and 50° F potable water inlet temperature.

AHRI Water Heater Performance

Model	First Hour Delivery @ 135 F (Gal)	Continuous Draw Rating @ 135 F (Gal/Hr)	Standby Heat Loss Rating (F/Hr)	Minimum Output Rate of Heat Source (BTU/Hr)	Minimum Heat Source Flow Rate (Gal/Min)
NSW-2-30-L	255	235	1.2	157,000	13.7
NSW-2-40-RL	260	235	1.1	157,000	13.7
NSW-2-50-RL	265	235	0.9	157,000	13.7
NSW-2-65-L	275	235	0.7	157,000	13.7
NSW-2-80-L	295	235	0.6	157,000	13.7
NSW-2-120-L	325	235	0.4	157,000	13.7

Notes: These certified ratings were obtained with a heat source output and flow rate as specified in the above table and a 180° F degree boiler water supply temperature. Other results will be obtained under different conditions.

Water Heater Capacities

Model	Tank Capacity (Gal)	Coil Volume (Gal)	Dry Weight (Lbs)	Wet Weight (Lbs)
NSW-2-30-L	29	2.6	164	404
NSW-2-40-RL	37	2.6	185	514
NSW-2-50-RL	43	2.6	195	623
NSW-2-65-L	57	2.6	225	704
NSW-2-80-L	71	2.6	250	861
NSW-2-120-L	110	2.6	370	1324

Dimensions and specifications are subject to change without notice in accordance with our policy of continuous improvement.