

INDIRECT DOUBLE WALL WATER HEATER SPECIFICATIONS



NST
NILES
STEEL
TANK
SINCE 1898™

Water Heater Dimensions (Inches)

Model	A	B	C	D	E	F
NDW-2-40-L	22	41	34 3/4	41 7/8	5 3/8	27 1/2
NDW-2-50-L	22	46 1/4	40 1/4	47 1/4	5 3/8	27 1/2
NDW-2-65-L	22	59	53 1/8	60	5 3/8	27 1/2
NDW-2-80-L	24	59	52 7/8	59 3/4	5 3/8	27 1/2

AHR Certified Water Heater Ratings

Model	First Hour Rating (Gal/Hr)	Continuous Draw Rating (Gal/ Hr)	Standby Heat Loss Rating (F/ Hr)	Minimum Output of Heat Source (BTU/ Hr)	Minimum Heat Source Flow Rate (Gal/ Hr)
NDW-2-40-L	123	98	1.1	65,000	8.0
NDW-2-50-L	133	98	0.9	65,000	8.0
NDW-2-65-L	148	98	0.7	65,000	8.0
NDW-2-80-L	158	98	0.6	65,000	8.0

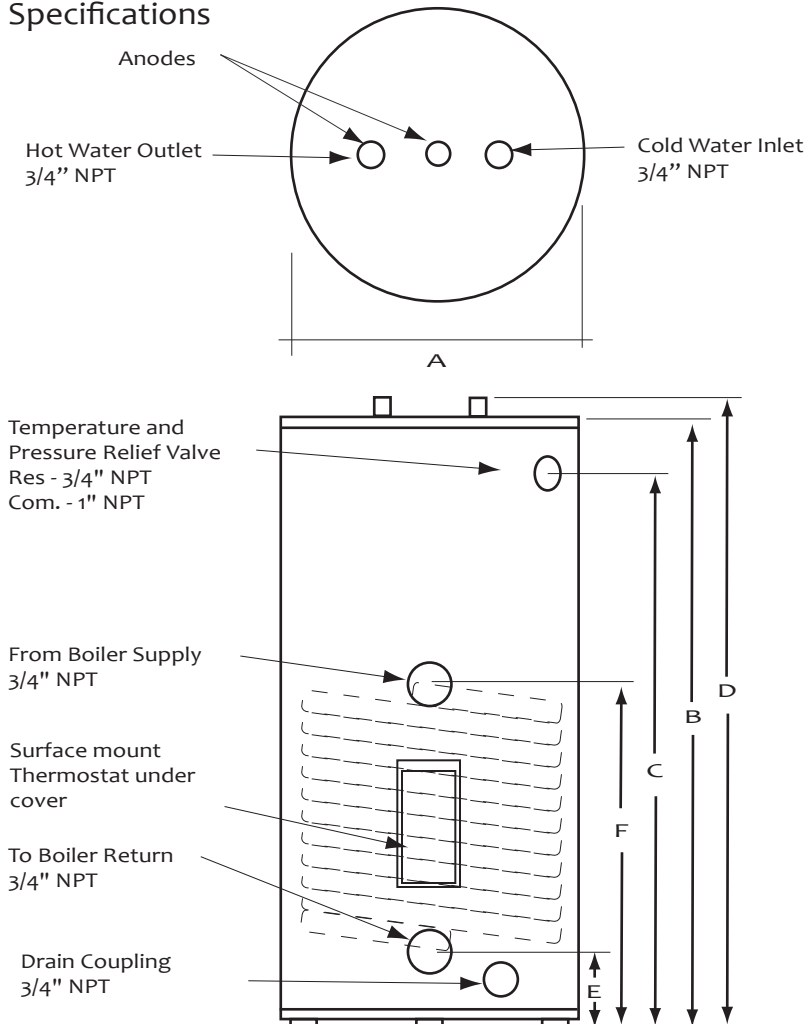
Notes: These certified ratings were obtained with a heat source output and flow rate as specified in the above table and a 180° F degree boiler water supply temperature. Other results will be obtained under different conditions.

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	
NDW-2-40-L	80	122	0.9	1.6	55,000
NDW-2-50-L	87	129	0.9	1.6	55,000
NDW-2-65-L	96	138	0.9	1.6	55,000
NDW-2-80-L	106	148	0.9	1.6	55,000

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

Specifications



Water Heater Capacities

Model	Tank Capacity (Gal)	Coil Volume (Gal)	Approx. Shipping Weight (Lbs)	Wet Weight (Lbs)
NDW-2-40-L	38	2.5	195	470
NDW-2-50-L	48	2.5	205	547
NDW-2-65-L	64	2.5	235	695
NDW-2-80-L	75	2.5	255	848

Heat Exchanger Head Loss

GPM	2	5	8	10	12
Ft. of Hd. Loss	0.06	0.94	2.40	3.75	5.40

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.

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

Suitable for water (Potable) heating and space heating.