

COMMERCIAL 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).

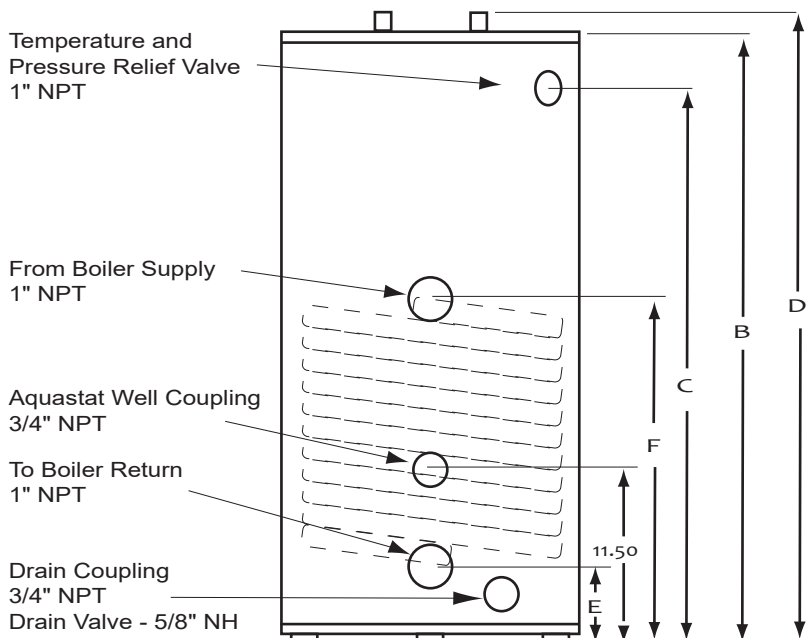
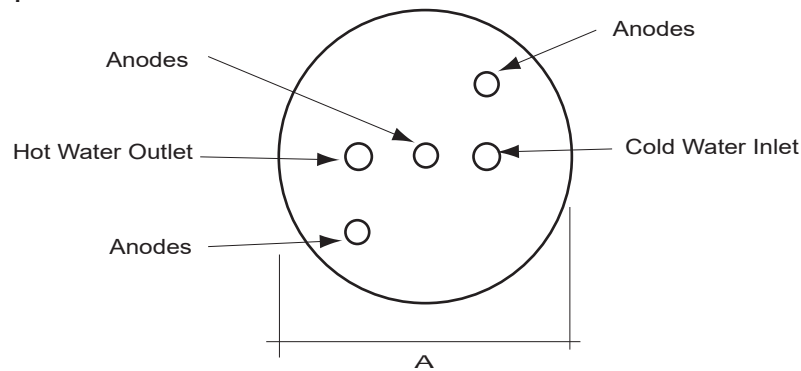
All potable water connections are 3/4" NPT (19mm) on 8" (203mm) centers.

Water Heater Dimensions (Inches)

Model	A	B	C	D	E	F
NSW-65C-5	22	59 1/4	53 1/8	60	5 3/8	27 1/2
NSW-80C-5	24	59	52 7/8	59 3/4	5 3/8	27 1/2
NSW-120C-5	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



AHRI 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-65C-5	534	820	8.0	12.8	420,000
NSW-80C-5	546	834	8.0	12.8	420,000
NSW-120C-5	583	871	8.0	12.8	420,000

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	Hot Water Availability (minutes)	Coil Heat Transfer Area (Sq. Ft.)	Pressure Drop at 12 GPM (Feet of Head)
NSW-65C-5	10.5	27.2	2.6
NSW-80C-5	13.2	27.2	2.6
NSW-120C-5	20.6	27.2	2.6

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

Water Heater Capacities

Model	Tank Capacity (Gal)	Coil Volume (Gal)	Dry Weight (Lbs)	Wet Weight (Lbs)
NSW-65C-5	54	5.0	273	768
NSW-80C-5	67	5.0	300	920
NSW-120C-5	107	5.0	422	1370

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

ary of **BRADFORD WHITE** CORPORATION

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