

# WATER HEATER DBDWXL (DUAL COIL AND DOUBLE WALL WITH VISIBLE LEAK DETECTION )



Dual Coil and Double Wall Extra Long coil with visible leak detection are engineered to minimize the chances of cross contamination of your potable water. These tanks are ideally suited for installations that are running glycol or similar products through the heat exchanger that may contaminate your drinking water. DBDWXL coil tanks should be run on higher boiler temperature to ensure your sufficient supply of hot water. Dual coil tanks will allow you to operate on lower heat input from the boiler without sacrificing volume of hot water required for your lifestyle. Alternately you may use the bottom coil for hot water whilst using the top coil to supply heat to your radiant floor or hot water radiators. Dual coil tanks integrate perfectly with solar, geothermal, wood stoves and other alternative energy sources lessening the burden on the environment and saving money. The tank is equipped with a ¾" fitting allowing for a re-circ line or alternately for powered titanium anode (purchased separately) for those that have problems with (Smelly Water) or aggressive water and water quality concerns. AMI tanks are constructed from heavy gauge 316L Stainless Steel that is further pickled and passivated for superior longevity and corrosion resistance. Leading the way with the best in the industry 2.5" thick "R" value -16.5 H/CFC-free polyurethane insulation exceeds all code requirements for standby losses.

## FEATURES:

- Extra long coil** for faster recovery rates
- Double wall leak detection** minimizes cross contamination
- 2.5" Polyurethane Foam Insulation "R" Value 16.5** (Eliminates the need for after-market blankets)
- 100% high quality **316L stainless steel** construction
- Pickled and Passivated** for superior longevity and corrosion resistance.
- High capacity storage for commercial and industrial applications
- Designed for quick and simple installation
- Powder coated** steel jacket for high quality finish and durability
- Customized tanks available upon request
- Complete package with aquastat, s/steel aquastat well, temp-pressure relief valve and tee drain valve

\*\*drain not supplied with 120gallon tanks

Overall	60 DBDWXL	80 DBDWXL	120 DBDWXL
T	50 ½ "	52 ¾ "	57 ¾ "
U	31 ½ "	32 ¾ "	35 ¼ "
V	8 ¼ "	9 ½ "	9 ½ "
W	23 "	25 "	29 "
X	9 ½ "	10 ¾ "	10 ¼ "
Y	33 ¼ "	30 ¾ "	32 ¼ "
Z	62 ½ "	66 ½ "	70 ½ "

CONNECTIONS	Type	60	80	120
		DBDWXL	DBDWXL	DBDWXL
A - Hot water outlet	nipple	¾ "	1 "	1 ½ "
B - Cold water inlet	coupler	¾ "	1 "	1 ¼ "
C - Supply from boiler	nipple	1 ¼ "	1 ¼ "	1 ¼ "
D - Return to boiler	nipple	1 ¼ "	1 ¼ "	1 ¼ "
E - Aquastat	coupler	½ "	½ "	½ "
F - Drain	coupler	¾ "	¾ "	n/a
H - Pressure relief	coupler	¾ "	¾ "	¾ "
I - Supply from boiler	nipple	1 ¼ "	1 ¼ "	1 ¼ "
J - Return to boiler	nipple	1 ¼ "	1 ¼ "	1 ¼ "



**DUAL COIL AND DOUBLE WALL WITH VISIBLE LEAK DETECTION**

	CAPACITY <i>(US Gal)</i>	HEATING SURFACE <i>(Sq. ft)</i>		COIL LENGTH <i>(Ft)</i>	SHIPPING WEIGHT <i>(Lbs)</i>
<b>60 DBDWXL</b>	60	14.4	14.4	40	320
<b>80 DBDWXL</b>	80	14.4	14.4	40	333
<b>120 DBDWXL</b>	120	14.4	14.4	40	400

**LIMITED WARRANTY**

**15 YEARS  
RESIDENTIAL  
5 YEARS  
COMMERCIAL**

**MAXIMUM OPERATING PRESSURE**

**SHELL 150 PSI  
COIL 150 PSI**

Based on 120°F tank water temp. with 70°F temp. rise	Boiler Supply Temp	180°F	J60 DBDWXL	J80 DBDWXL	J120 DBDWXL
	Boiler Output	Btu/hr	225,700	225,700	225,700
	1st Hour Delivery	USGPH	449	469	509
	2nd Hour Delivery	USGPH	389	389	389
	Pressure drop coil	ft water	7	7	7
	GPM for pressure drop	GPM	20	20	20

Based on 140°F tank water temp. with 90°F temp. rise	Boiler Supply Temp	200°F	J60 DBDWXL	J80 DBDWXL	J120 DBDWXL
	Boiler Output	Btu/hr	247,700	247,700	247,700
	1st Hour Delivery	USGPH	394	414	454
	2nd Hour Delivery	USGPH	334	334	334
	Pressure drop coil	ft water	9	9	9
	GPM for pressure drop	GPM	26	26	26

\* NOTE: Data provided for general indication only.

