

# WATER HEATER DBXL DUAL COIL



Dual coil tanks are manufactured for those in need of an abundance of hot water and if required will allow multiple heat sources to deliver more BTUs for rapid recovery and continuous operation. 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  $\frac{3}{4}$ " 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:

- **Dual Extra long** coil for faster recovery rates
- Integrates perfectly with solar, geothermal, wood stoves
- **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 DBXL	80 DBXL	120 DBXL
T	50 ½ "	53 ¾ "	58 "
U	31 ½ "	34 ¾ "	39 "
V	8 ¼ "	9 ¼ "	9 ¼ "
W	23 "	25 "	29 "
X	8 ¼ "	10 "	10 "
Y	24 ½ "	29 "	29 ½ "
Z	62 ½ "	66 ½ "	70 ½ "

CONNECTIONS	Type	60 DBXL	80 DBXL	120 DBXL
A - Hot water outlet	nipple	$\frac{3}{4}$ "	1 "	1 ½ "
B - Cold water inlet	coupler	$\frac{3}{4}$ "	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	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
F - Drain	coupler	$\frac{3}{4}$ "	$\frac{3}{4}$ "	n/a
H - Pressure relief	coupler	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "



### DUAL COIL

	CAPACITY <i>(US Gal)</i>	HEATING SURFACE <i>(Sq. ft)</i>		COIL LENGTH <i>(Ft)</i>	SHIPPING WEIGHT <i>(Lbs)</i>
<b>60 DBXL</b>	60	13.09	13.09	40	275
<b>80 DBXL</b>	80	13.09	13.09	40	286
<b>120 DBXL</b>	120	13.09	13.09	40	350

**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 DBXL	J80 DBXL	J120 DBXL
	Boiler Output	Btu/hr	431,900	431,900	431,900
	1st Hour Delivery	USGPH	805	825	865
	2nd Hour Delivery	USGPH	745	745	745
	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 DBXL	J80 DBXL	J120 DBXL
	Boiler Output	Btu/hr	379,200	474,000	474,000
	1st Hour Delivery	USGPH	571	718	758
	2nd Hour Delivery	USGPH	511	638	638
	Pressure drop coil	ft water	9	9	9
	GPM for pressure drop	GPM	26	26	26

\* NOTE: Data provided for general indication only.

