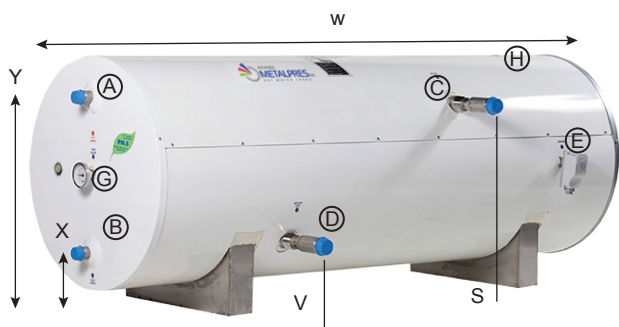


# WATER HEATER **HRDWXL HORIZONTAL** (DOUBLE WALL COIL WITH VISIBLE LEAK DETECTION)

The HR is designed for horizontal applications and is perfect for installation under stairs, in crawlspaces and other height challenged areas. Double Wall Extra long single coil tanks 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. DWXL coil tanks should be run on higher boiler temperature to ensure your sufficient supply of hot water. For those requiring larger volumes or running lower temperatures then the double coil version would be recommended. The large 1 1/4" diameter coil enables your system to operate with a lower pressure drop. The tank is equipped with a 3/4" fitting allowing for a re-circ line or alternately for a Corro-protect 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:

- **Low profile** for low headroom areas
- **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	40 HRDWXL	60 HRDWXL	80 HRDWXL	120 HRDWXL
S	18 3/4"	18 3/4"	21"	22 3/4"
V	5 3/4"	5 3/4"	8 1/2"	10"
W	41"	61"	64 1/4"	69"
X	5 1/4"	5 1/4"	7"	8"
Y	19 1/4"	19 1/4"	22 1/2"	25"
Z	24 1/4"	24 1/4"	26 1/2"	31"

CONNECTIONS	Type	40	60	80	120
		HRDWXL	HRDWXL	HRDWXL	HRDWXL
A - Hot water outlet	nipple	3/4 "	3/4 "	1 "	1 1/4 "
B - Cold water inlet	coupler	3/4 "	3/4 "	1 "	1 1/4 "
C - Supply from boiler	nipple	1 1/4 "	1 1/4 "	1 1/4 "	1 1/4 "
D - Return to boiler	nipple	1 1/4 "	1 1/4 "	1 1/4 "	1 1/4 "
E - Aquastat	coupler	1/2 "	1/2 "	1/2 "	1/2 "
F - Drain	coupler	3/4 "	3/4 "	3/4 "	n/a
G - Temp. Gauge	coupler	1/2 "	1/2 "	1/2 "	1/2 "
H - Pressure relief	coupler	3/4 "	3/4 "	3/4 "	3/4 "



**DOUBLE WALL (for leak detection) / EXTRA LONG COIL**

	CAPACITY <i>(US Gal)</i>	HEATING SURFACE <i>(Sq. ft)</i>	COIL LENGTH <i>(Ft)</i>	SHIPPING WEIGHT <i>(Lbs)</i>
<b>40 HRDWXL</b>	40	14.4	40	222
<b>60 HRDWXL</b>	60	14.4	40	275
<b>80 HRDWXL</b>	80	14.4	40	290
<b>120 HRDWXL</b>	119	14.4	40	378

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	40 HRDWXL	60 HRDWXL	80 HRDWXL	120 HRDWXL
	Boiler Output	Btu/hr	112,900	112,900	112,900	112,900
	1st Hour Delivery	USGPH	235	255	275	315
	2nd Hour Delivery	USGPH	195	195	195	195
	Pressure drop coil	ft water	7	7	7	7
	GPM for pressure drop	GPM	20	20	20	20

Based on 140°F tank water temp. with 90°F temp. rise	Boiler Supply Temp	200°F	40 HRDWXL	60 HRDWXL	80 HRDWXL	120 HRDWXL
	Boiler Output	Btu/hr	123,900	123,900	123,900	123,900
	1st Hour Delivery	USGPH	207	227	247	287
	2nd Hour Delivery	USGPH	167	167	167	167
	Pressure drop coil	ft water	9	9	9	9
	GPM for pressure drop	GPM	26	26	26	26

\* NOTE: Data provided for general indication only.

