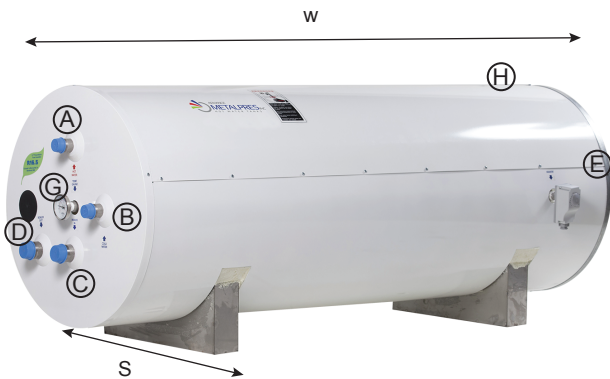


# WATER HEATER HR HORIZONTAL



The HR is designed for horizontal applications and is perfect for installation under stairs, in crawlspaces and other height challenged areas. The large single coil is manufactured with a high heat transfer to deliver more BTUs for rapid recovery and continuous operation. The larger diameter coil enables your system to operate with a low pressure drop. The tank is equipped with a 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 have 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
- **Long** coil for faster recovery rates
- **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 HR	60 HR	80 HRXL	120 HRXL
S	23"	23"	25"	29"
V	12 1/4"	12 1/4"	14 3/4"	16 1/2"
W	41"	61"	64 1/4"	69"
X	7 3/4"	7 3/4"	10 1/4"	12"
Y	16 3/4"	16 3/4"	20 3/4"	22 1/2"
Z	23 3/4"	23 3/4"	27 1/4"	31"

CONNECTIONS	Type	40 HR	60 HR	80 HRXL	120 HRXL
A - Hot water outlet	nipple	3/4"	3/4"	1"	2"
B - Cold water inlet	coupler	3/4"	3/4"	1"	2"
C - Supply from boiler	nipple	1"	1"	1 1/4"	1 1/4"
D - Return to boiler	nipple	1"	1"	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"



**STANDARD COIL**

	CAPACITY <i>(US Gal)</i>	HEATING SURFACE <i>(Sq. ft)</i>	COIL LENGTH <i>(Ft)</i>	SHIPPING WEIGHT <i>(Lbs)</i>
<b>40 HR</b>	40	7.85	30	193
<b>60 HR</b>	60	7.85	30	225
<b>80 HRXL</b>	80	13.09	40	268
<b>120 HRXL</b>	119	13.09	40	328

**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 HR	60 HR	80 HRXL	120 HRXL
	Boiler Output	Btu/hr	129,500	129,500	216,000	216,000
	1ST Hour Delivery	USGPH	263	283	452	492
	2nd Hour Delivery	USGPH	223	223	372	372
	Pressure drop coil	ft water	3	3	7	7
	GPM for pressure drop	GPM	12	12	20	20

Based on 140°F tank water temp. with 90°F temp. rise	Boiler Supply Temp	200°F	40 HR	60 HR	80 HRXL	120 HRXL
	Boiler Output	Btu/hr	142,100	142,100	237,000	237,000
	1ST Hour Delivery	USGPH	231	251	399	439
	2nd Hour Delivery	USGPH	191	191	319	319
	Pressure drop coil	ft water	5	5	9	9
	GPM for pressure drop	GPM	16	16	26	26

\* NOTE: Data provided for general indication only.

