

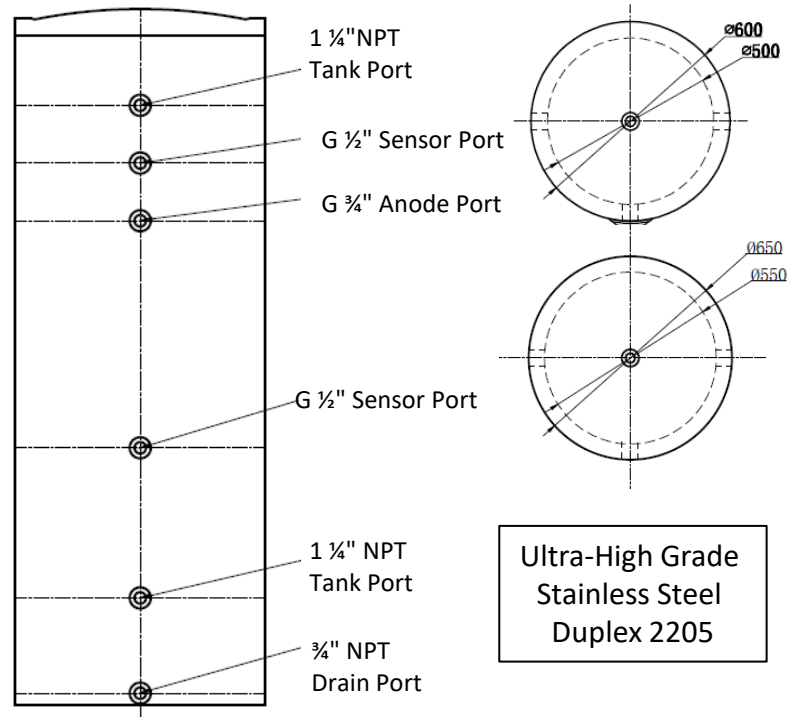


Stainless Steel Domestic Hot Water Tank For Air-To-Water Heat Pumps, Geothermal HP, Boilers, Solar Water Heating, and Hydronic Systems  
**Reverse Indirect Option / Can Connect to One or Two Heat Pumps**

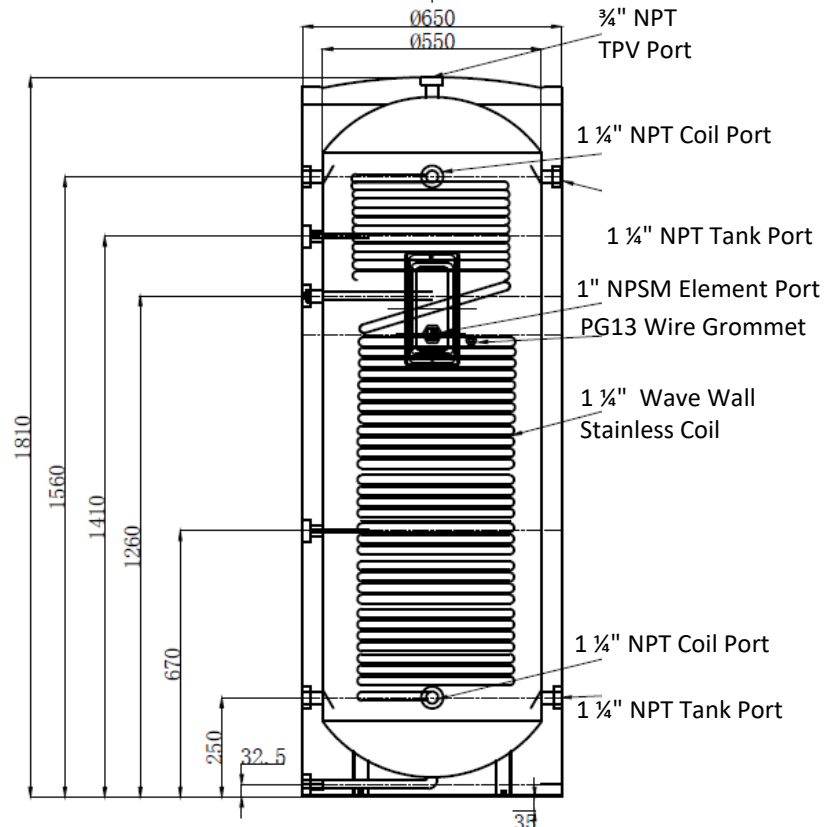
Model DHW105 All-Stainless Steel w/ Duplex 2205 Inner Tank / SUS 304 Outer Tank Enclosure

## Top Quality Indirect DHW Tanks

99 Gallons Gross/93 Gallons Net  
2205 Duplex Stainless Steel Inner Tank  
Indirect Coil: 1.25" x 196' Convuluted (Wave)  
98 ft<sup>2</sup> coil surface area  
SUS 304 Stainless Steel Outer Shell  
2" Thick Polyurethane Insulation  
1x Element Port, 1" NPSM, Up To 5500W  
1x Drain Port ¾" NPT Female  
2x ½" Sensor Wells  
1x Anode Port w/ Magnesium Anode  
Pressure Rating 7 Bar (101 psi)  
2x Tank Inlets 1.25" NPT  
2x Tank Outlets 1.25" NPT  
1 set 1.25" NPT Coil Connectors  
Coil Head Loss: 23.33 Ft./5GPM  
Tank Diameter 25.6"  
Tank Height 71" (73" w/ Feet)  
Empty Tank Weight 194 Lbs.  
USE WITH CX35 AND CX50-2 ONLY.



Convuluted "Wave" Coil For Faster Heat Transfer



## Reverse-Indirect Tank Option

This is an option where the potable water flows through the coil and one or two heat sources such as a Chiltrix heat pump or other heating source heats the tank contents. The tank contents are part of a closed loop and never leaves the water heating system, this water serves as a thermal transfer means to heat the coil. The potable water is heated as it flows through the coil. For use with special controls offered with CX35 and CX50-2 only.

## Standard Indirect Tank Option

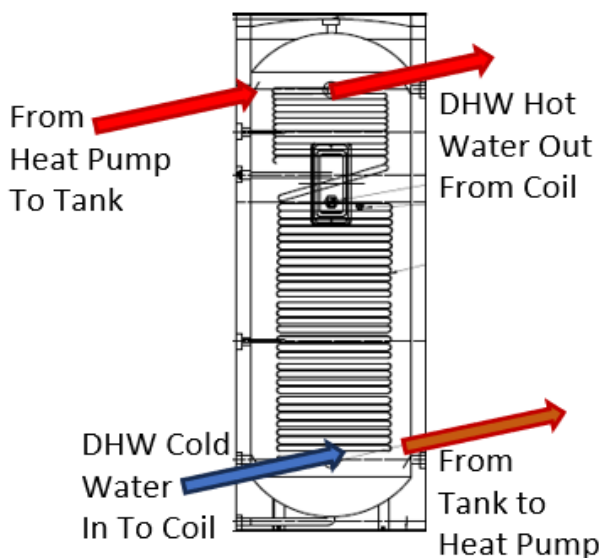
This is the normal operation method where one heat pump or other heating source connects to the coil, and potable water in the tank is heated by the hot coil.

**Duplex 2205 stainless steel** used for the inner tank. Duplex 2205 steel sits next to titanium on the galvanic corrosion scale, and is up to 7x more resistant to corrosion than 316L stainless steel.

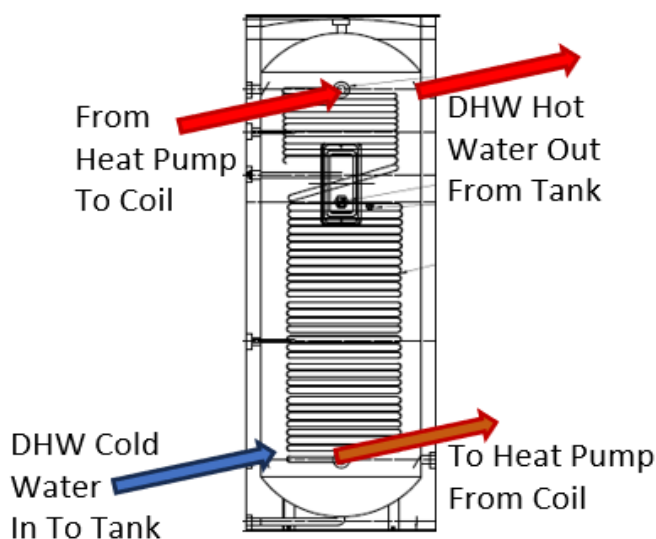
### Gigantic Wave Wall Coil

The “wave” wall design expands the surface area for more contact and disrupts laminar flow for better heat transfer even at low flow conditions. The coil is 1.25 inches average diameter and is 196 feet long. The coil has an amazing 98 ft<sup>2</sup> of surface area for superior heat transfer.

### Reverse Indirect



### Standard Indirect



UL 174  
CSA 22.2



## About HITZEWELLE

The name pays homage to the brilliant German engineers who devised the reverse-indirect water heating method. In the German language, *Hitzewelle* means “heat wave” referencing the expanded heat transfer of wave-wall coil. The English pronunciation is “heats well” which nicely describes, in English, what it does.