



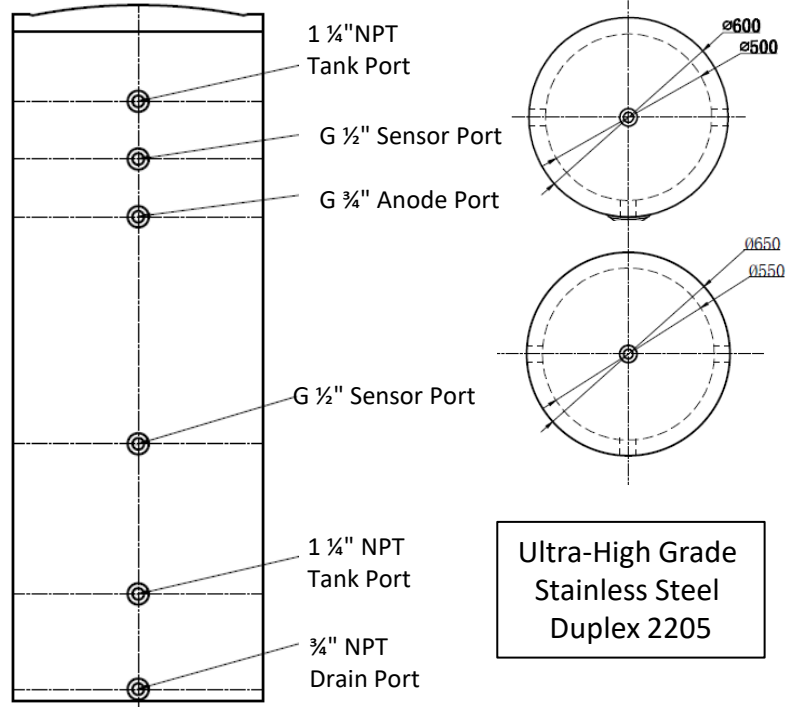
HITZEWELLE

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

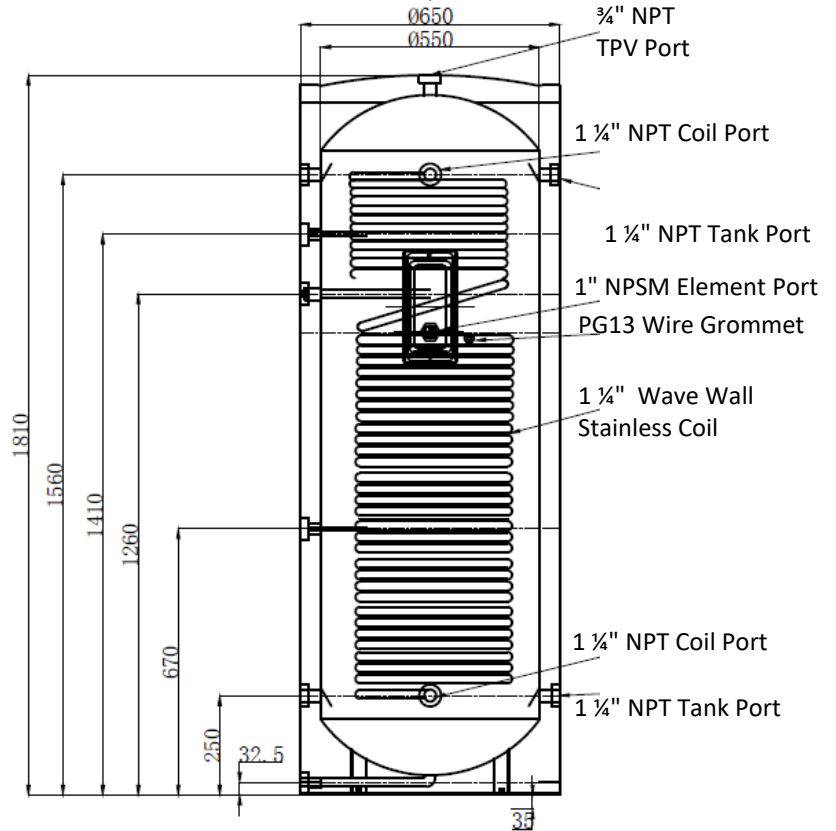
### Top Quality Indirect DHW Tanks

- 99 Gallons Gross/93 Gallons Net
- 2205 Duplex Stainless Steel Inner Tank
- Indirect Coil: 1.25" x 196' Convulated (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 3/4" NPT Female
- 2x 1/2" 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.



Ultra-High Grade  
Stainless Steel  
Duplex 2205

Convulated "Wave" Coil For Faster Heat Transfer





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### 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. This option has higher efficiency and supports flow of around 3-4 GPM, example = 2 simultaneous showers.

### Standard Indirect Tank Option

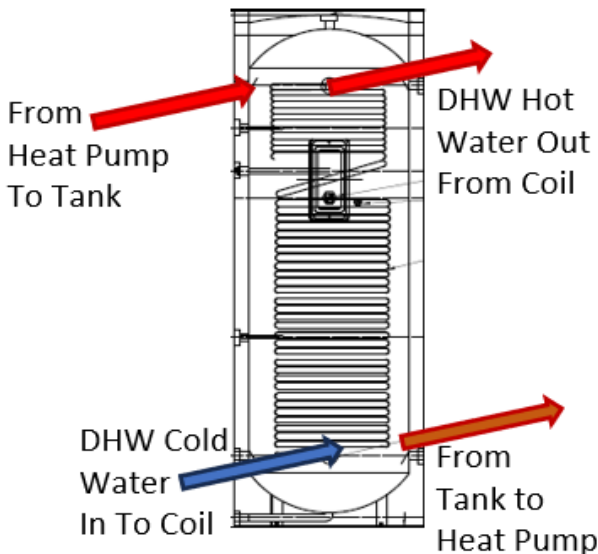
This is the normal operation method where one heat pump or other heating source connects to the coil, and potable water in the tank is heated by the hot coil. This option supports higher flow rates for multiple users.

**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.

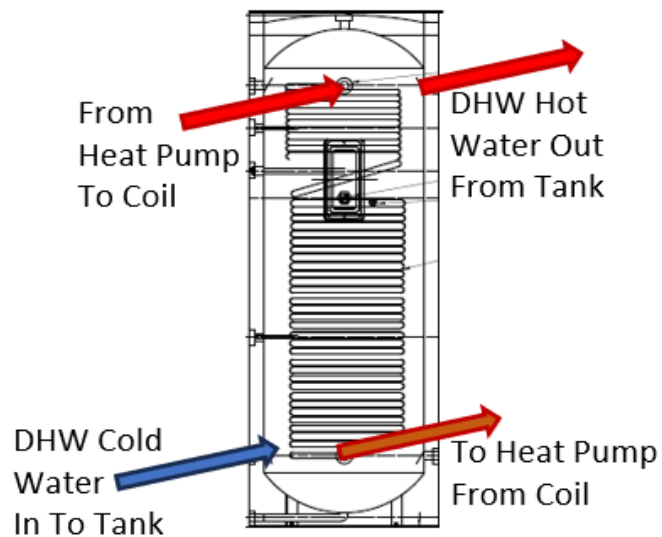
### Gigantic Wave Wall Coil

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 the wave-wall coil. The English pronunciation is “heats well” which nicely describes, in English, what it does.