


BDL-275-PCT

The **BDL-275PCT** Pre-Conditioning vessel; Includes

- One size 4 carbon steel WVO pre-filter canister with 400 micron polypropylene felt bag filter.
 - One 360 gallon cone bottom 10 ga 304L stainless steel pre-conditioning vessel, with removable man-way cover for routine maintenance and cleaning of reactor. The vessel is equipped with integral sight gauge for visual indication of tank liquid level. The vessel is insulated with 1/4" high density ceramic fiber insulation and wrapped with a hammered finish aluminum cover.
 - One internal 220VAC, 1 Ph 7200 Watt, 1 Ph 316L stainless steel alloy heater assembly.
 - One 220VAC, ½ hp, 1 Ph, TEFC mixing pump.
 - One 220VAC, ½ hp, 1 Ph, TEFC glycerin removal pump.
 - One 220VAC, ½ hp, 1 Ph, TEFC oil transfer pump.
 - All piping exposed internally to oil or biodiesel is TIG welded carbon steel piping with the exception of valves, access fittings and pumps.
 - One solid state low liquid level controller specifically designed for direct immersion in oil.
 - One optical pump level control switch for the dry wash cycle.
 - One NEMA 4/12 control panel, the control panel features a digital temperature controller with illuminated oil-tight push buttons for each process stage.
 - All component/device wiring is enclosed in liquid tight flexible conduit with the exception of pump motors designed to use SVO cord.
 - One spring loaded 1.5 psig vacuum breaker.
 - One spring loaded 1.5 psig vent valves.
 - All components of the packaged processor system are mounted on a MIG welded heavy duty steel stand consisting of a base constructed from 6CX13 channel on edge with four 1 ½" X ¼" square tubing vertical supports to a top 1 ½"X ¼" frame with lifting lugs capable of supporting 1100 lbs combined weight. The stand is painted with one coat of high particulate primer and two coats of polyurethane enamel paint.
 - Step-by-step directions for general operation are shipped with the unit.
 - Biodiesel Logic Inc provides full documentation of factory operational testing.
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- **Dimensions:** 48"w x 48"d x 114"h
 - **Weight:** aprox 1100 Lbs. (empty)
 - **Capacity:** 275 gallons @ 8 hrs
 - **Electrical:** 110/220 VAC, 1 Ph, 60 Hz, 30Amp Circuit