

**PRIME<sup>3</sup>** Vacuum Assisted Suction Pump  
Model PT10TPC-P1204F-SS (SS-Super Silent)  
Size 10" (250mm) High Head Trash Pump

Holland Pump Company  
Corporate Office: 7312 Westport Place  
West Palm Beach, FL 33413  
USA  
1-800-451-0769  
www.hollandpump.com

**PUMP SPECIFICATIONS**

**Type/Model:** Solids handling/Cornell Redi-Prime  
**Volute:** Cast iron ASTM A48 class 30  
**Flanges:** 10" (250 mm) suction, 10" (250mm) discharge  
**Impeller:** Enclosed - 2 vane, 14" (355mm) Impeller  
**Solids:** Handles 3.38" diameter compressible spherical solids  
**PRIME<sup>3</sup> Priming System:** Automatic dry priming and repriming system that features a 50 cfm water tolerant, diaphragm vacuum pump driven by the main drive shaft. Our major competitors use a 15 cfm compressor pump with a small compressor venturi that can easily clog. The air/water separator is a simple, reliable float that opens and closes a rubber plunger as water rises and falls. A non return valve isolates the pump during priming and protects against back flow  
**Wear Rings:** Replaceable (Double wear rings available)  
**Seal:** Cornell's patented Cycloseal® design with Run-Dry oil lubrication system. John Crane T-2 single mechanical seal with Viton® elastomers, stainless steel hardware and tungsten- vs. silicon carbide seal faces for abrasion resistance  
**Discharge Valve:** Val-matic or equal  
**Shaft Sleeve:** Heat treated 416 stainless steel  
**Bearings:** Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 hours bearing life

**SOUND ENCLOSURE SPECIFICATIONS**

**Sound Level:** Holland Pump Supersilent pump units are tested for Sound Level using the Contractors Pump Bureau Sound Level Measurement Standard for Pump Units using a calibrated Sound Level Meter. This procedure produces an average Sound Level based on eight measurements under strict conditions of pump placement. They are tested at full RPM pumping water. The sound level result is 67 dBA or less @ 23 feet.  
**Enclosure:** Steel construction, removable for ease of maintenance.  
 Stainless steel accessories including bolt on, lift off hinges.  
**Base:** Environmentally safe spill containment type base  
**Lifting Access:** External lifting bail, integral forklift pockets

PT10TPC-P1204-SS			Shutoff Head: 200 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
4051	1700	83.4	73	116	20.3
3376	1700	107	79	114	22.7
2886**	1700	122	82	109	23
2701	1700	127	81	107	23
2026	1700	148	76	99	22.6
1350	1700	169	65	88.8	19.4
*Max Suction Head is suction lift plus friction losses without risk of suction cavitation					
**Best Efficiency Point					

**ENGINE SPECIFICATIONS**

**Model:** Perkins 1204F-E44TA, Tier 4 Final Or Approved Alternate  
**Type:** 4 Cylinder, 4 Stroke, Turbocharged, Liquid Cooled Diesel Engine  
**Displacement:** 4.4 L (269 cu.in.)  
**Governor:** Electronic  
**Lubrications:** Forced Circulation  
**Air Cleaner:** Dry Type with Replaceable Element  
**Lube Oil Capacity:** 3.6 U.S. gal (13.5L)  
**Coolant Capacity:** 2.85 U.S. gal (10.8L)  
**Fuel Tank:** Integral 240 U.S. Gallon Capacity (#2 Diesel Fuel)  
**Full Load Operating Time:** 60 Hours Minimum  
**Starter:** 12 Volt  
**Standard Features:** Skid,Control Inc. Engine Panel: Engine Temperature and Low Oil Pressure with optiona Gauge, Fuel Level, Hour Meter, Flex Inputs  
**Optional Features:** Site or DOT Highway Trailer, Auto-Start Panel with Throttle Control and Modbus output, HANS (Holland Automatic Notification System)  
**Coupling:** Reich coupling  
**Perkins Published Performance:** Maximum Continuous Power: 148 BHP (110kW) @ 2200 RPM

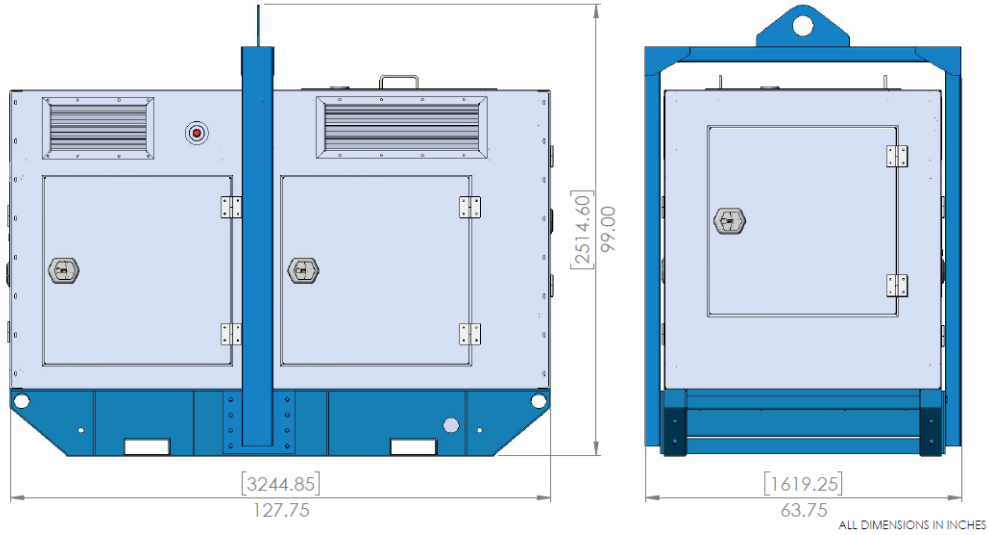
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Approximate Dimensions  
Powered by Perkins P1204F-E44TA Diesel Engine

Approx. Net Weight (lbs)

Skid Base  
8500



Performance Curve  
Model PT10TPC-P1204F-SS  
Size 10" (250mm) High Head Trash Pump

