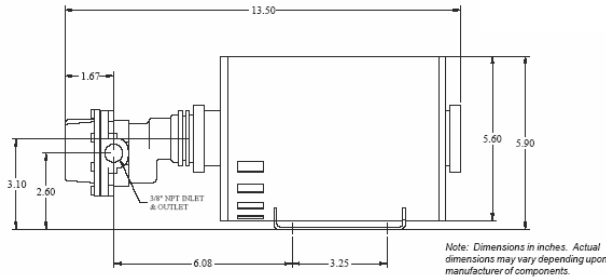


Specification: Standard Pump and Motor



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Standard Pump and Motor: Specifications



Pump: Heavy duty, 2GPM, self-priming, positive displacement rotary gear pump with corrosion-resistant bronze housing and gears with stainless steel shafts, self lubricating carbon bearings with lip seals. Mounted directed to motor via carbonator style split tang coupling.

Motor: 1/3 HP, open drip-proof (squirrel cage), single phase, auto-thermal protected, bearing supported shaft, Class B insulation for continuous 40 degree C operation, 115 VAC, 60 Hz. Motor rotation may be reversed by reversing wires.

Output: 2GPM at 20 psi (directly into tank) or 1.5GPM at 100 psi. 1 psi = 2.68 feet of head.

Lift: Pump is self-priming and rated at 20 feet of lift (diesel fuel) at sea level. However, pipe diameter, bends, restrictions, hot and cold ambient and other factors may reduce lift. Tramont therefore recommends that the pump/motor be remotely mounted to push fuel in applications requiring more than 17 feet of lift. To ensure continuous self-priming use of appropriately sized foot valve and/or check valve is recommended for all high-lift applications. To avoid damage to motor during start-up, Tramont recommends that the fuel be primed as closely as possible to the pump intake.

Pipe run: If a pipe run of 100 feet or more is required between the main tank and day tank, Tramont recommends the use of a check valve. This ensures that the pump does not have to evacuate a large volume of air during each operation. Even a very small leak in the pipe will prevent self-priming; therefore, Tramont strongly recommends that all pipelines receive a careful pressure check before start-up.

Fuel strainer: The Tramont pump is a high-lift, close tolerance design. Foreign particles in the fuel may prevent proper performance. New installations in particular may have significant quantities of iron scale, rust or other contaminants in the pipeline and main tank. To prevent this matter from clogging and potentially damaging the pump, Tramont recommends the installation of an appropriately designed fuel strainer to the input line.

Please consult the Tramont Day Tank Product Guide or Spare Parts Price List to locate the appropriate accessories for your pump/motor, or contact the factory at the numbers listed above.