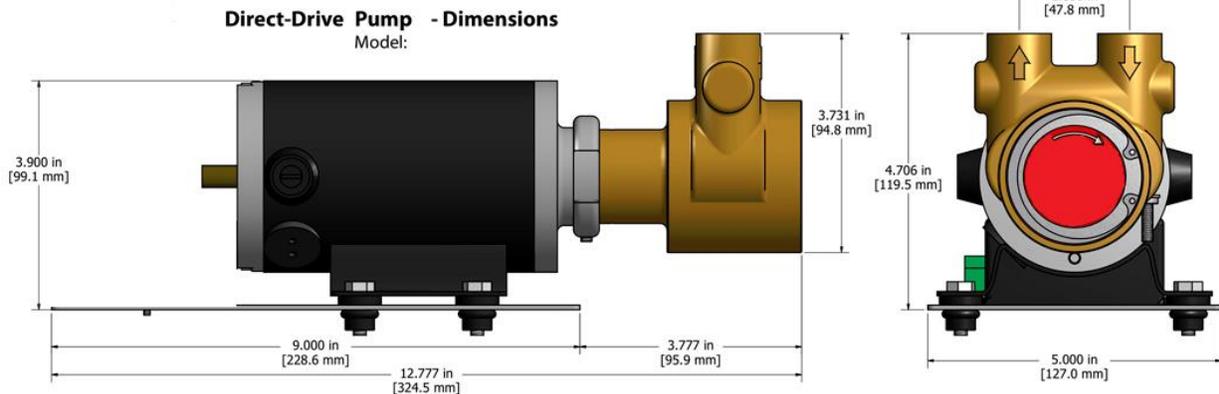


## Direct Drive Glycol Pumps



The Direct-Drive Glycol TEG Pump™ (model: 330-2407112P) is a Glycol TEG Pump™ and features a brushed DC motor, and a standard size pump head (model: TP330). Flow rates range from 2.0 liters/minute (0.5 USGPM) to 12 L/m (3.2 USGPM). Available in 12 & 24 VDC configuration.

### TEG Pump™ Operation and Advantages

#### Consider all the advantages of the TEG Pump™

- 100% TEG Generator powered
- consumes 80% less energy relative to an equivalent grid-connected circulator and controller
- high head (up to 35 m / 115 ft)
- high pressure (up to 3.5 bar / 50 PSI)
- self-priming
- no air separator required
- no charging pump required
- smaller diameter tube may be used
- reduced installation time
- life expectancy of over ten years
- one-year limited warranty
- no high-voltage electrical connections
- no certified electrician to install the pump
- no municipal electrical permit required
- no high-voltage electromagnetic fields



## Direct Drive Glycol Pumps

### TEG Pump™ Configuration

The TEG Pump™ consists of:

- Brass rotary vane pump
- DC motor

**Ordering note:** TECTEG supplies 3/8" or 1/2" compression x 3/8" or 1/2" MPT fittings,

### Brass Rotary Vane Pump

The pump is a brass body, vane-type, positive displacement pump. The pump has special clearances and seals for high temperature protection up to 100°C. Depending on which TEG Pump™ model, the pump has either 3/8" or 1/2" FPT inlet and outlet ports, and comes equipped with standard compression fittings for 3/8" OD tube (9.40 mm OD) or 1/2" OD tube (12.7 mm OD). Should your application require fittings or hoses of a different size, metric or imperial, substitutions are possible. Please contact us for more information.

The TEG Pump™ is engineered for long life and super-efficient operation to enable you to use the lowest possible power TEG Generator. No parts are subject to corrosion - all wetted parts are stainless steel, brass or carbon. Each TEG Pump™ is backed by a 1-year limited warranty.

The TEG Pump™ is a positive displacement pump, which means there is no waste of time or money on equipment to purge air from the circulation loop. It is also self-priming, with a maximum suction lift of 2 meters (6 feet).

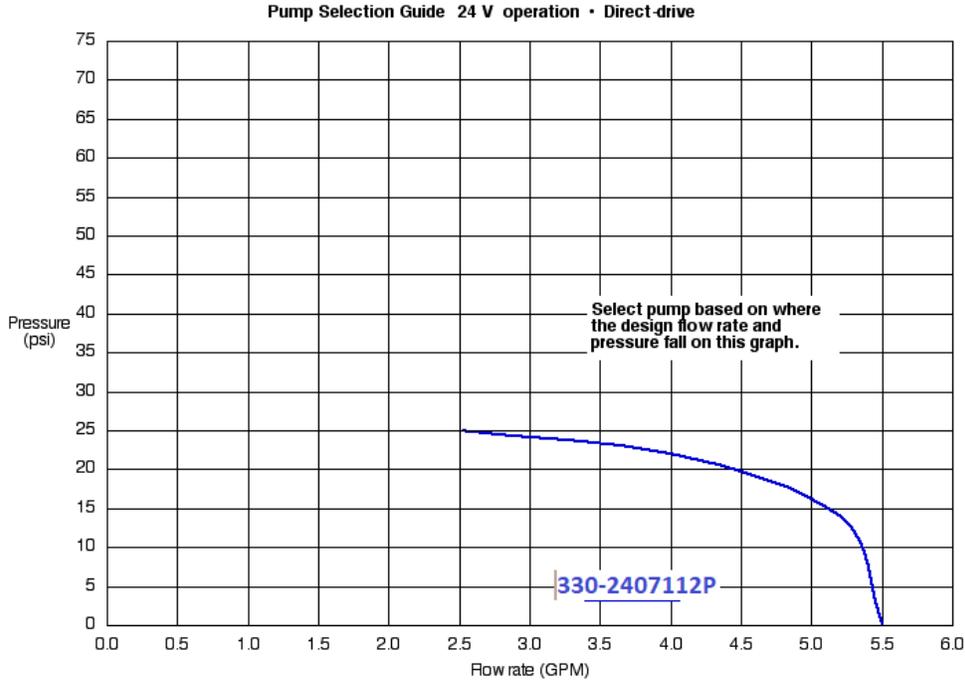
Liquid, a heavy-duty, large-diameter armature with thick copper windings is used, thus reducing parasitic power consumption by the motor. The result is amazing! - Even in very weak power the motor produces enough power to soft start the pump, power that is produced in the "greenest" of all possible methods. When used with the IPOWER TOWER II TEG scavenger Generator.



# Direct Drive Glycol Pumps

24 VDC - Direct Drive

psi vs USGPM



330-2407112P-24VDC

bar vs Lph

