

# PUMPTEC LIMITED WARRANTY

Limited Warranty on PUMPTEC, INC. pumps and other PUMPTEC, INC. products.

PUMPTEC, INC. as a manufacturer warrants to the original purchaser, each new pump or other product of its own manufacture, for a period of one year from the date of shipment from the factory, to be free from defects in material and workmanship under normal use and service. "Normal use and service" means not to operate in excess of recommended maximum speeds, pressures, temperatures (140 degrees Fahrenheit) or handling fluids not compatible with component materials. The warranty does not apply to any pump or other product which has been repaired or altered to affect the performance or reliability of the pump or other product.

Neither this warranty nor any implied warranty apply to damage or harm caused by any or all of the following:

1. Freight damage
2. Damage from freezing or cavitation
3. Damage caused by parts and/or accessories or components not obtained from or approved by PUMPTEC, INC.
4. Any consequential or incidental damages, other than injury to the person, arising from the use of any pump or other product manufactured by PUMPTEC, INC., except in states that do not allow the exclusion or limitation of incidental or consequential damage.
5. Damage due to misapplication and/or misuse. The use of a solution greater than 140 degrees Fahrenheit of a fluid with pH less than 7 or greater than 9 could be misapplication of our anodized aluminum pumps. Consult Factory for specific material compatibility recommendations for applications outside of their pH range. Numerous coating choices for aluminum and Stainless Steel components as well as various customer choices are available to extra cost.
6. Normal wear of moving parts or components affected by moving parts.
7. USE WITH FLAMMABLE MATERIALS IS ABSOLUTELY FORBIDDEN!

The liability of PUMPTEC, INC., under the foregoing warranty is limited to the repair or replacement (at PUMPTEC, INC. option) without charge for labor or materials of any parts upon return of the entire pump or other product or of the particular part to the PUMPTEC, INC. factory within the warranty period at the sole expense of the purchaser, which part shall upon examination appear to PUMPTEC, INC.'s satisfaction to have been defective in material or workmanship.

PUMPTEC, INC. expressly warrants its pumps and other products as above stated. There are no other express warranties. Any implied warranties, including implied warranty of merchantability or a fitness for a particular purpose, are limited in duration to one year from the date of purchase by the original purchaser except in states that do not allow time limitations on implied warranties. There is no implied

warranty of fitness for a particular purpose or merchantability when this product is put to an industrial, commercial or rental use.

No person including any dealer or representative of PUMPTEC, INC. is authorized to make any representation or warranty concerning PUMPTEC, INC. products on behalf of PUMPTEC, INC. or to assume for PUMPTEC, INC. the obligations contained in the warranty. PUMPTEC, INC. reserves the right to install the same upon its existing products or products then in process or manufacture.

This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

## **WARRANTY EXCLUSIONS**

1. **Date of receipt of RGA is beyond the 12 month warranty period.**
2. **Pump is worn out rfrom normal use and service. Warranty does not cover wear parts.**
3. **Physical damage caused by freight damage, handling or freezing:**  
NOTE: Dropping motor will knock magnets loose, dislocate shaft and damage brushes. Dropping pump will damage manifold and distort ports. Freezing will loosen pump form motor and crack valve poppet and/or seats.
4. **Electrical failures caused by system malfunction:**  
Note: If there is no fuse or circuit breaker in the system to protect motor, Pumptec will not consider warranty. No fuse or circuit breaker, no warranty.  
Rectifiers are damaged from getting wet. Damaged rectifiers “smoke” motor.  
Rectifiers are also damaged from electrical surge due to vacuum tank overflowing and allowing vac motors to get wet.  
Loose wires, exposed wires and corroded connectors can also be the cause of rectifier failure.  
If a customer installs a new pump & motor and no rectifier is installed when one is required, this will cause motor to “smoke”  
If the motor is wired backwards, causing pump to rotate in wrong direction, the pump will bind, causing pump and motor damage.
5. **Seal Damage caused by Granular Contamination:**  
Note: Sand, such as that which enters the fresh water tank when operator fills fresh water tank with waste water bucket, will damage seals. Again, wear parts are not covered under warranty.  
Fiber, such as those entering the fresh water tank when hoses and cords are stored in the fresh water tank during transport, will cause valve malfunction and loss of performance.  
Pipe seal tape, pipe dope, burrs from mismatched threads, shavings from fittings and trash from the assembly process as well as debris entering unprotected, uncovered fresh water tank will cause valve malfunction and possible damage to seals.

**6. Body damage due to chemical Attack:**

Note: Acids cause chemicals attack as well caustics. Instructions to flush with clean water after each use is printed on each pump motor label  
Acids or caustics in combination with heat and vacuum are extremely destructive.

**7. Body, Seal and Valve damage caused by Cavitations:**

Note: Sources of cavitations include 1) Water being too hot (usually 120 degrees F is acceptable, but inlet factors and altitude determine cavitations temperatures threshold).

2) Suction line plugged, pinched, kinked, too long, undersized or otherwise causing restriction.

3) Filter plugged, damage, crushed or undersized.

4) Bulkhead fittings undersized.

5) Air leaks in suction line or bypass return line.

**8. During repair, installation of pump or parts improper:**

Note: Pump bolted to motor without proper alignment of cam bearing in plunger slot may cause bending of plunger and binding of cam bearing. Pumptec lubrication must be used in the plunger slot.

**9. Pump is Improperly maintained:**

Note: Flush pump after each use. This is mandatory if harsh chemicals are used.

**10. Pump is operated beyond its performance rating:**

Note: Over pressurization operation will reduce pump and motor life. This usually occurs when improper pressure regulator is used or if pressure regulator is malfunctioning. Over speeding of pump will reduce pump life, the failure mode will be cavitation related. Broken valve springs are typical symptoms.