

## VH1000G Water Recirculating Cooling Systems



### Specifications

- Operates in both vertical and horizontal positions
- Factory set at 50 psi, adjustable to 100 psi
- 2 gallon reservoir
- 115 or 230 VAC single phase 50/60 hz
- 12,000 BTU
- 9" L x 9" W x 26" H (vertical position)
- 5/8" LH standard inert gas fittings - 1/4" FPT
- 8' power cord
- Rugged polyethylene non-dent construction
- Visible water level and water flow
- Thermal overload
- New weight 33 lbs. (15 kg)

### Rotary Gear Pump (PROCON)

- 1.8 gpm at 50 psi
- Built in by-pass to tank

### Description

The **VH1000G** Cooling Systems are designed for:

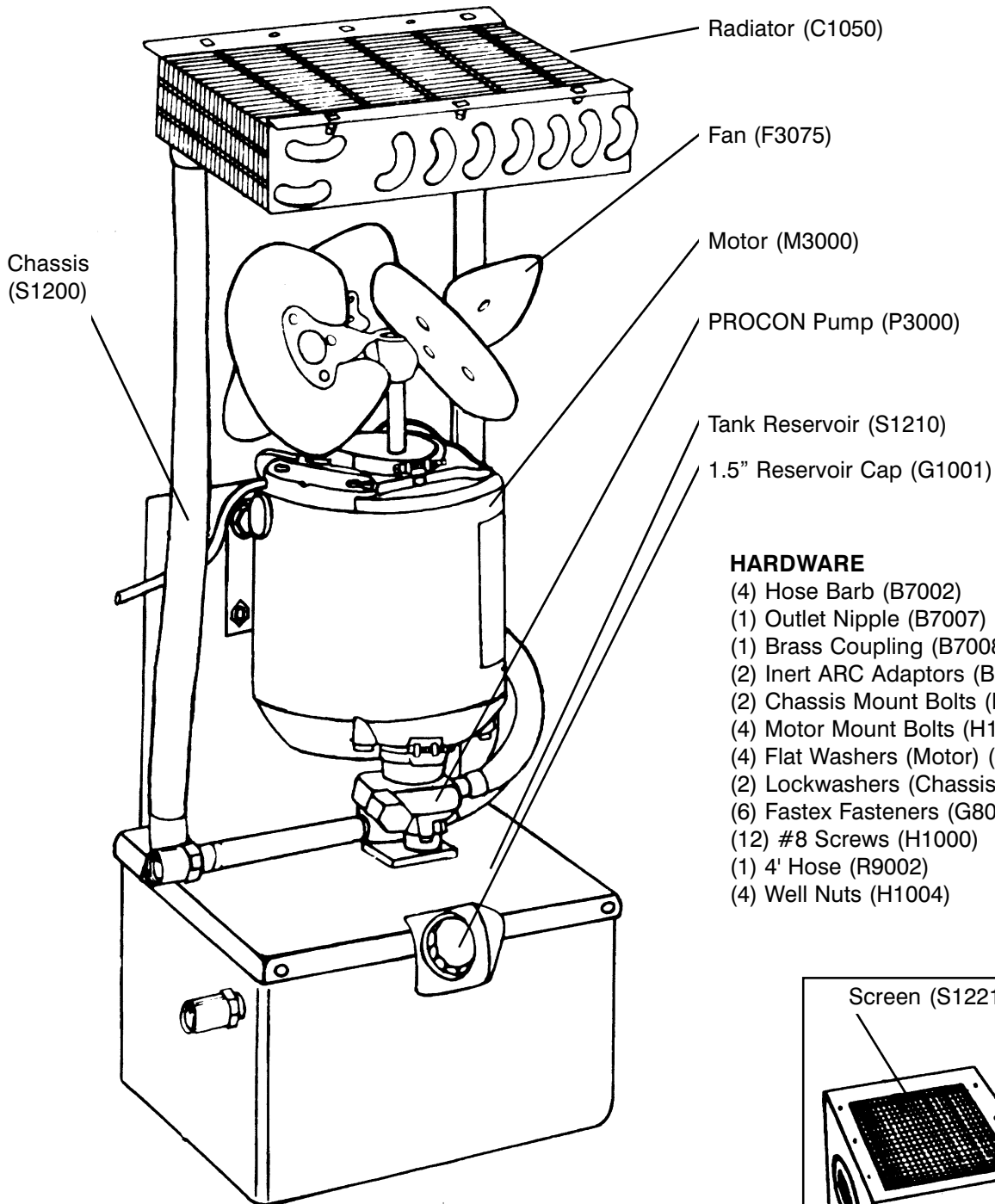
TIG Torches	up to 500 amps
MIG Guns	up to 500 amps
Plasma Welders/Cutters	up to 150 amps
Resistance Welders	up to 60 KVA
12,000 BTU/HR @ 75 Degrees Differential	

LENCO introduces a "First in the industry" water cooler that operates either in a vertical position for welding carts or space savings, or in a horizontal position for conventional applications.

LENCO continues to incorporate the latest available technology to develop a more economical, efficient, versatile and compact water cooler. The high strength seamless plastic design provides greater impact and compression strength, rust and dent resistance, weight reduction and greater aesthetics.

New extended life pump features a direct drive power system reducing maintenance and increasing performance.

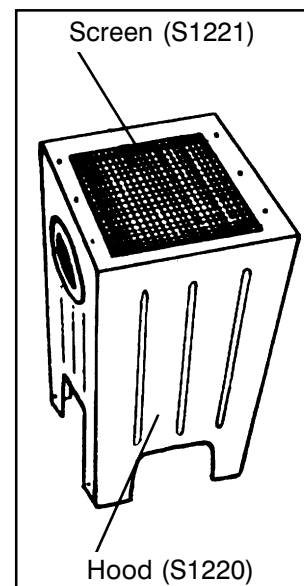
# VH-1000G Cooling System



## HARDWARE

- (4) Hose Barb (B7002)
- (1) Outlet Nipple (B7007)
- (1) Brass Coupling (B7008)
- (2) Inert ARC Adaptors (B7005)
- (2) Chassis Mount Bolts (H4202)
- (4) Motor Mount Bolts (H1002)
- (4) Flat Washers (Motor) (H1003)
- (2) Lockwashers (Chassis) (H4209)
- (6) Fastex Fasteners (G8001)
- (12) #8 Screws (H1000)
- (1) 4' Hose (R9002)
- (4) Well Nuts (H1004)

**Caution:** Do Not Over Tighten Fittings On Tank. Excessive Torque May Strip Fittings In Tank.



**DEFENSE ANTI-FREEZE AND PUMP LUBRICANT**  
Provides year round protection for water coolers and other closed loop water recirculators.  
**Part No. DF929**

## ***R1000 Water Recirculating Cooling Systems***



### **Specifications**

- Factory set at 50 psi adjustable to 80 psi
- 3 gallon reservoir
- 115 or 230 VAC single phase 50/60hz
- 15,000 BTU
- 23" L x 11" W x 14<sup>3</sup>/<sub>4</sub>" H
- 5/8" LH standard inert gas fittings - 1/4" FPT
- 8' power cord
- Visible water level and water flow sight glass
- Thermal overload
- Net weight 42 lbs (19 kg)

### **Rotary Gear Pump (PROCON)**

- 1.8 gpm at 50 psi
- Built in by-pass to tank

### **Description**

The **R1000** Cooling System is designed for:

TIG Torches	up to 750 amps
MIG Guns	up to 750 amps
Plasma Welders/Cutters	up to 200 amps
Resistance Welders	up to 75 KVA
Induction Welding	up to 5 KW
15,000 BTU/HR @ 75 Degrees Differential	

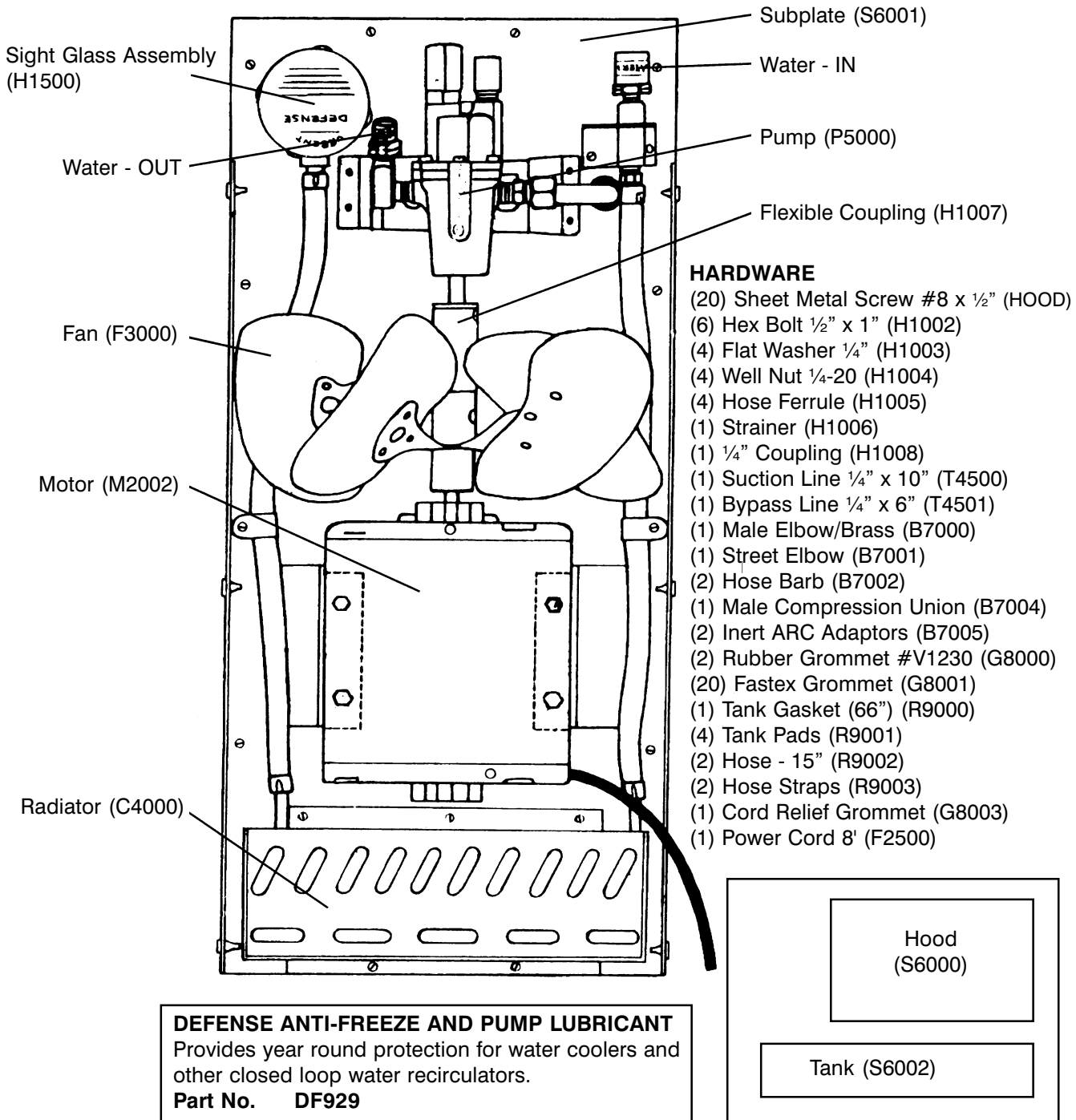
- Stainless steel construction eliminates coolant contamination due to electrolyte or chemical reactions
- All units are plumbed with copper tubing and reinforced hose
- New extended life PROCON pump
- No external plumbing is required because of closed loop water system with pressure relief valves as standard equipment
- A water level float gauge and filler cap are combined in a single unit multi-purpose sight glass which enables operator to observe return water

### **180 DAY LIMITED WARRANTY**

Defense Anti-Freeze and Pump Lubricant provides year round protection for water coolers and other closed loop water recirculators. NOTE: Use of automotive anti-freeze voids warranty and shortens pump life.

LENCO offers three high efficiency heavy duty water coolers for any industrial, medical or welding application requiring ambient water cooling.

# R1000



### To Fill Unit:

- Remove sight glass cap and fill reservoir with distilled water until the float ring rises to the "fill line".
- Do NOT overfill reservoir
- Ultra Brand defense anti-freeze and pump lubricant is recommended for freeze protection and extended pump life. Automotive anti-freeze is NOT recommended for use in this unit as it will severely shorten pump life and voids warranty.
- Maintain coolant at proper sight glass level and replace coolant if dirty or foreign matter is present.

### INSTALLATION:

Place unit so as not to inhibit air flow to radiator. For proper hook-up, the torch "out" line is to be connected to the inert arc adaptor labelled "water in". The torch "in" line is to be connected to the inert arc adaptor labelled "water out".