

Congratulation, you have just purchased a C.E.T. portable pump. If you follow the procedures in this operation manual, it will give you years of use without any problems.

### ENGINE SPECIFICATIONS

- GX390 Honda air cooled engine
- Single cylinder, 4-stroke gasoline engine
- 12V electric start with recoil start as backup
- 1.6 gallon (6.1 l) integrated fuel tank
- Charge coil 12V-3A

### PUMP UNIT SPECIFICATIONS

- Direct drive C.E.T. single stage centrifugal pump
- Pump body made from resistant aluminum alloy
- Bronze impeller
- Mechanical shaft seal
- Self priming system
- Two 1 1/2" (38 mm) delivery outlets (NPSH threads) and one 2 1/2" (65 mm) delivery outlet (BSP threads)
- One 3" (76 mm) suction inlet (BSP threads)
- Dimensions: Length: 23" (584 mm); Width 27" (686 mm); Height: 20 1/2" (520 mm)
- Wet weight: 143 lbs (65 kg)

### INCLUDED ACCESSORIES

- Low oil alert.

### PERFORMANCE

MAX FLOW: 230 GPM  
 MAX PRESSURE: 115 PSI  
 190 GPM @ 25 PSI  
 140 GPM @ 50 PSI  
 60 GPM @ 100 PSI

### DOS AND DONTs

#### Do...

- Read your Honda owner's manual
- Close your drain valve on the pump casing before starting the engine
- Seal up any air that could leak into the suction side
- Stop your pump before fuelling

#### Do Not...

- Let your pump freeze up with water in it (drain the casing)
- Allow sand in the suction, it will damage the wear ring and the mechanical seal (use floating strainer if water supply doubtful)
- Run your pump dry for more than 2 minutes at idle (prime as soon as possible)
- Use your pump with less than 12 in of water below the inlet of the suction hose
- Allow your pump to run without surveillance
- Run the pump with the discharge closed for more than 1 minute



## STARTING PROCEDURE

- Place your pump on a hard, stable surface within 15° from horizontal
- Check the oil
- Check the gas tank level
- Connect your suction hose. Make sure that there is a rubber seal on the adapter and screw it tight.
- Screw the black cap (drain) on the pump bottom and remove the black cap on the top of the manifold.
- Fill the pump with water up to the manifold.
- Screw the black cap down leaving it loosely tightened. So water can come out.
- Start the engine and run it at full throttle.
- When water comes out of the top of the manifold, firmly tighten the black cap down. So no water can come out.

## IMPORTANT NOTICE - FRESH WATER FLUSH AFTER EVERY USE

After Operating a CET Pump, it is critical to FRESH WATER FLUSH the pump at the end of use before restoring it as a good damage control practice.

If the pump has been used to pump seawater, the seawater must be drained from the pump by opening the pump casing drain valve. The pump must be flushed with fresh water to prevent corrosion and salt crystals from forming on close tolerance pump internals. After flushing the pump, apply a spray silicone compound to pump internals and replace hose connection caps. Taking care of the pump will help prevent the pump from seizing up.

## TROUBLESHOOTING

Before calling us, try the following if your pump does not operate properly.

### If the engine seems to speed up and down (lost of suction)

- Make sure the suction hose is straight and does not allow any air pockets to be trapped.
- Check any air leakage in the suction or mechanical seal (between the pump casing and the engine)

### Loss of suction head.

- Check the rubber seal in the suction hose

### The pump is not pumping as much as it should and the revolutions of the engine are high

- Check for any obstruction in the suction hose (leaves, rocks, etc.)

## BREAK-IN PERIOD

Do not use the pump more than 1/2 throttle for the first one and half hour.

## MODELS AVAILABLE

From 2 hp to 60 hp, diesel, gas engines. Skid mounted to floating pump, ask your local dealer for more information or call us.



CET warrants to the original purchaser that CET will, at its election, either replace or repair any part of the new equipment sold to the purchaser hereunder which has been given no abnormal use; and which has received proper maintenance; and which is determined by CET to be defective in material or workmanship; and which has, within two (2) years after delivery to the purchaser be returned at the purchaser's expense, with transportation charges prepaid, to CET factory OR which has, within two (2) years after delivery to the purchaser, been pre-approved by CET for a third-party to perform the work. All problems shall be reported to CET in writing and damaged parts shall be returned to CET.

**Exclusions from warranty**

1. CET incurs no liability under this warranty or otherwise for parts, accessories or components not manufactured by it, but purchased for assembly into the equipment, but CET will assign to the Purchaser whatever warranty rights are extended by the supplier of such part, accessory or component
2. CET incurs no liability under this warranty or otherwise, for equipment which has been abused, altered or improperly maintained, or for equipment which has been returned for inspection or repair more than ten (10) days after defect complained of has been or should have been discovered by the Purchaser, or Equipment which is operated after the defect has been discovered.
3. CET incurs no liability for alteration or repairs unless the Purchaser first receives CET / written consent or approval. CET will not be responsible for work or repairs made or done by others.
4. CET incurs no liability for design alterations, parts, accessories or components which are not standard but are specified by the Purchaser for incorporation into the equipment.

**INTERPRETATION**

CET shall not be liable for transportation charges either in shipment to or by it and shall not be liable for loss of use, or consequential damage of any kind in connection with the sales, alteration, repair or replacement of any equipment or part thereof. Liability under this warranty is limited to replacement or repair and in any event shall not exceed the purchase price paid. This warranty is not transferable by the Purchaser. CET reserves the right to make changes in design or add any improvements to the Equipment at any time without incurring any obligation to install or modify same on other equipment previously supplied.

There are no other warranties, conditions or representations, expressed or implied, except the above.



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**A CENTURY OF ENGINEERING FOR THE BRAVEST**

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**REGISTRATION**

**TO BE RETURNED TO THE MANUFACTURER — FAX: 1-800-434-2613**

Fire Department of : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

Purchasing date : \_\_\_\_\_

Serial Number : \_\_\_\_\_

Dealer's Name : \_\_\_\_\_

**SEND TO :**

**C.E.T. FIRE PUMPS MFG**

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