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

- Kubota 25hp at 3600 RPM, water cooled engine.
- 3-cylinder diesel engine
- Electric start.
- 6 gallons (22 l) detachable fuel tank.

PUMP UNIT SPECIFICATIONS

- C.E.T. two stage centrifugal pump.
- Pump body made from high resistant aluminum alloy.
- Bronze impellers.
- Mechanical shaft seal.
- Stainless steel pump shaft.
- Electric priming system, guaranteed up to 20' (6 meter) lift.
- Two 2 $^1/_2$" (65 mm) delivery outlets.
- One 4" (100 mm) suction inlet.
- Dimensions: Length : 40 $^1/_4$" (1022 mm);
  Width : 26" (660 mm); Height : 34 $^1/_4$" (870 mm).
- Weight : 350 lbs. (134 kg).

CONTROL PANEL

- Engine start/stop switch.
- Throttle control lever.
- Operating panel light.
- Pilot lights.
- Pressure gauge.
- Vacuum pressure gauge.

PERFORMANCE

465 GPM	(1760 LPM)	@ 10 PSI	(0.7 bar)
425 GPM	(1608 LPM)	@ 25 PSI	(1.7 bar)
325 GPM	(1230 LPM)	@ 50 PSI	(3.5 bar)
200 GPM	(757 LPM)	@ 100 PSI	(6.9 bar)
100 GPM	(378 LPM)	@ 125 PSI	(8.6 bar)
30 GPM	(113 LPM)	@ 150 PSI	(10.3 bar)

Your pump comes with a full year warranty on all mechanical components.

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DOS AND DONTS

Do...

- Read your Kubota D902 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
- Charge you battery at least once every three months
- Stop your pump before fueling

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 valve closed for more than 1 minute

STARTING PROCEDURE

- Place your pump on a hard, stable surface within 15° from horizontal.
- Check the oil and the fuel tank level.
- Connect your suction hose. Make sure that there is a rubber seal on the adapter and screw it tight.
- Close all the discharge valves.
- Close the drain valve (below the casing of the pump).
- Turn key to ON position. The "glow plugs" light comes on indicating glow plugs are preheating combustion chamber.
- Start the engine and let it idle.
- Open the primer ball valve.
- Push the priming button.
- When water comes out of the priming pump (it should take approximately 10 to 15 sec. with a 10 ft x 4¨ suction hose), release the electric priming button. Do not operate the primer more than 20 sec.
- Close the primer valve.
- Open the discharge valve to allow water to run through the pump
- Adjust the RPM with the throttle to desired pressure.

N.B. 1 The exhaust system is very hot. Do not touch
N.B. 2 When you are done with the pump, always drain the pump casing

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TROUBLESHOOTING

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

If the electric primer does not work properly.
- Check the casing drain valve, it should be closed.
- Check the primer valve, it should be opened.
- Check any air leakage from suction hose.

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 and gas engines. Skid mounted to floating pump, ask your local dealer for more information or call us.

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WARRANTY

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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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

75 Hector St. P.O. Box 90, Pierreville, Qc. J0G 1J0 CANADA