



## FK PUMP OPERATING MANUAL

Thank you for purchasing a Condor pump

This operating manual tells you how to operate and service your pump.

For the motor see separate instructions.

Please read carefully before using to ensure proper handling and operation and to keep your pump in the best running condition.

### SAFETY PRECAUTIONS

Be sure each person who operates the machine is properly instructed as to its safe operation

Always keep the machine and associated equipment clean, properly serviced and maintained.

Never operate the machine near combustible materials or in an enclosed environment where adequate ventilation is not available

Always ensure that the machine is on a secure footing and cannot shift while in use. (Remember that the suction hose will tend to pull the pump down when full of water.)

Avoid contact with exhaust or other hot parts.

Stop engine and disconnect spark plug before working on any part of the machine to prevent accidental starting.

### SETTING UP THE PUMP

#### SUCTION HOSE

Use suction & delivery hose only. Fit cap & liner to pump end of hose and filter to other end and secure with hose clips.

Note –

Hose diameter should be same size or larger than the inlet.

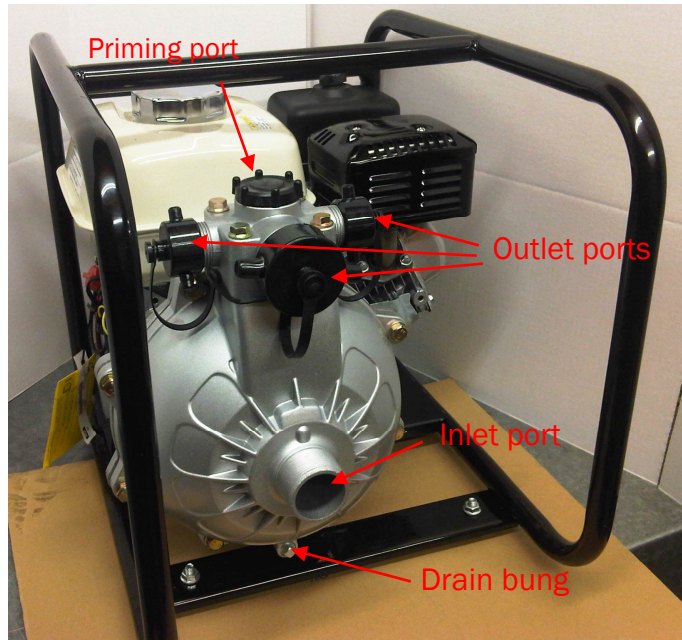
Suction hose should be as short as possible

Ensure hose has no holes or kinks

Never operate without a suction filter.

#### OUTLET HOSE

Use either suction & delivery or layflat. Fit cap & liner and secure with hose clip. If using layflat keep hose as straight as possible to ensure maximum performance.



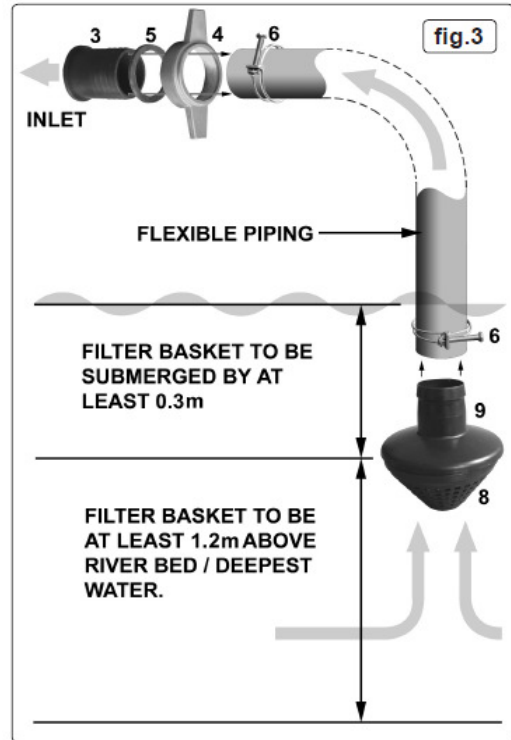
#### PRIMING

Remove priming plug and fill pump casing with clean water, replace plug as tight as possible by hand. NOTE – Do not run pump without water in the casing as this will severely damage the pump. Pump can take up to three minutes to prime if the suction line is long.

**CONTACT DETAILS – PH 04 568 8544 [sales@condorpumps.co.nz](mailto:sales@condorpumps.co.nz)**

**PUMPING TIPS**

- Keep pump as close to the water source as possible
- Ensure suction filter will not be blocked by debris or sand
- Always use a short a hose as possible
- A non return valve will assist priming if pump is in a permanent installation
- Empty casing of water if pump is not used frequently
- Leaking hoses or fittings will decrease pump performance
- Do not leave hose where it can be damaged or driven over by vehicles.
- Long lengths of delivery hose can drastically reduce delivery performance.



PROBLEM	CAUSE	REMEDY
Engine will not start		Consult engine instructions
Pump will not prime	<ul style="list-style-type: none"> <li>· no water in pump casing</li> <li>· suction leak</li> <li>· strainer clogged</li> <li>· pump too high above water level</li> </ul>	<ul style="list-style-type: none"> <li>· fill casing with water</li> <li>· check integrity of hose and that all fittings are tight</li> <li>· clean strainer and lift above bottom</li> <li>· shift pump to a lower level</li> </ul>
Low flow	<ul style="list-style-type: none"> <li>· head too high</li> <li>· hose too small</li> <li>· hoses clogged</li> <li>· pump blocked</li> <li>· Pump worn</li> </ul>	<ul style="list-style-type: none"> <li>· drop pump outlet</li> <li>· increase hose size</li> <li>· clean hoses</li> <li>· open casing and clean debris</li> <li>· overhaul pump</li> </ul>
Pump leaking	<ul style="list-style-type: none"> <li>· mech seal worn</li> <li>· fittings loose</li> </ul>	<ul style="list-style-type: none"> <li>· replace mech seal</li> <li>· tighten fittings</li> </ul>
Volume decreases during pumping	<ul style="list-style-type: none"> <li>· clogged strainer</li> <li>· leaks in suction line</li> </ul>	<ul style="list-style-type: none"> <li>· clean strainer</li> <li>· repair leaks</li> </ul>
Pump will not turn over	<ul style="list-style-type: none"> <li>· pump frozen</li> <li>· pump jammed with debris</li> </ul>	<ul style="list-style-type: none"> <li>· thaw casing</li> <li>· open casing and free pump</li> </ul>

This Motor \_\_\_\_\_

Retain this information for future use.

This pump \_\_\_\_\_

Contact [sales@condorpumps.co.nz](mailto:sales@condorpumps.co.nz)