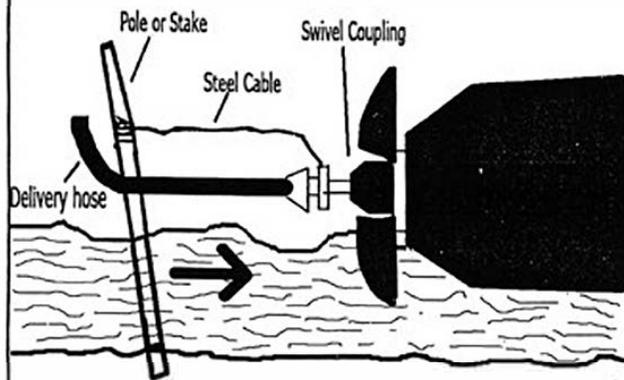
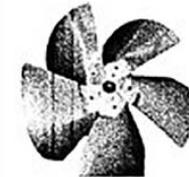


Fig. 1 Inner workings of the Rife River Pump.

Fig. 2 Typical installation of Rife River Pump



## Assembling your Rife River Pump



Attach Blades to Swivel Coupling by means of the 5 long screws enclosed. Use the hole on the outside of the blade.

\*Make sure Blades face toward the Swivel Coupling



Screw the Swivel Coupling on to the fitting leading out of River Pump Body

\*Use Teflon tape on threads.



Fasten the Swivel Coupling to the pump body with the 5 shorter screws



Screw on the Backplate with the styrofoam inside the pump.

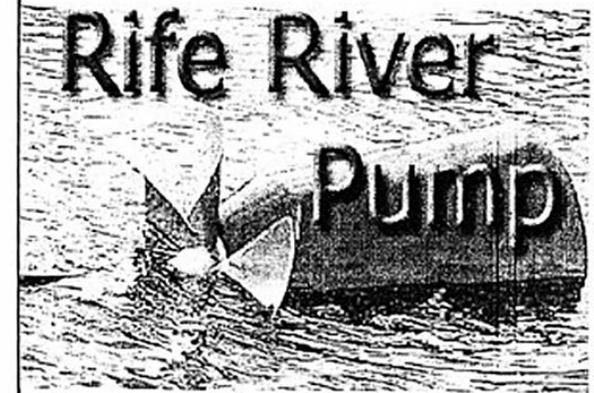
# RIFE

SINCE 1884

RIFE

RIVER

PUMP



OWNER'S MANUAL

RIFE

Hydraulic Engine Mfg. Co.

P.O. Box 95

Nanticoke, PA 18634

sales@RifeRam.com

www.RifeRam.com

**Send Us Your Photos:**  
Rife would love to see our products working for you; send your pictures to:  
Information@RifeRam.com

## Assembly Instructions

- 1) Remove the Rife River Pump from box and stand with small end facing up.
- 2) Attach Blades to Swivel Coupling by means of the 5 long screws enclosed. Use the hole on the outside of the blade  
\*Make sure all blades curve toward the head.
- 3) Now screw the Swivel Coupling on to the fitting leading out of River Pump Body.  
\*Use Teflon tape on threads.
- 4) Fasten the Swivel Coupling to the pump body with the 5 shorter screws.
- 5) The Rife River Pump is ready to go!

NOTE: The wrench included can be cut and used as a bit for a hand drill. This will make assembly quick and easy. Be certain not to strip the bolts.

## Installation Instructions

- 1) Attach the delivery hose to the pump using the coupler attached to the pump.
- 2) Attach the steel cable to the Delivery Hose with a hose clamp.
- 3) Drive a pole or stake into the bed or bank of the stream or a nearby tree and attach the steel cable.
- 4) Have water delivered to highest possible point without exceeding the maximum head of the pump.\*  
Water should then be collected and gravity fed to the point of consumption.

Note: Be certain that the Delivery Hose and the Steel Cable do not intertwine, as this will slow the pump down.

\*The delivery hose should same size as pump and be as straight as possible with no highpoints or kinks as this will trap air and stop the water delivery.

## Service & Maintenance

The only moving part of the Rife River Pump is the Swivel Coupling. The wear on the coupling is insignificant due to the low number of revolutions. The coupling is water lubricated and has a long service life.

In areas where large debris such as logs or rocks flow, the pump blades may become damaged. If this occurs, replacements can be purchased from Rife.

If the water level in the stream drops too low, the stream bed may restrict the rotation of the pump. A small dam may be put in to raise the water level.

If the water flow decreases and it is not enough to rotate the pump, a small channel may be constructed with the pump being placed at the mouth of the channel.

Light frost should not affect the pump as long as the water remains moving. Please check that water is being pumped during cold temperatures. You can also bury the pipe underground, if necessary, to protect it from extreme temperatures. \*Please check that the pump is operating properly BEFORE burying the pipe.

Any further questions feel free to contact Rife At:

*sales@riferam.com*  
*www.RifeRam.com*