HYDROREX
ECONOMIC, DURABLE, SAFE & EASY TO OPERATE
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MANUFACTURER'S OPERATING INSTRUCTIONS

SERIES **Serie DX-REX**

HIGH LOW DUAL PRESSURE SYSTEM

Prior to testing any high pressure line, please check all connections, hoses and fittings to assure that they are properly tightened and in good working order. No frays, tears, or cuts.
REQUIRED: Air compressor capable of 80-120 PSI.

Liquids: Water, Hydraulic, Oils, Glycol and many more.

CONNECTING THE PUMP

1. Connect the output pressure hose provided. Position the Test Pump within 8 feet of test environment.
2. Connect the air line from the compressor to the inlet port on the combination regulator/air filter.

NOTE: AIR FILTER SHOULD BE DRAINED OF ANY WATER OT DIRT PARTICLES BEFORE, AND AFTER USE. Drain valve is located on the bottom of the filter body.

OPERATING THE PUMP

1. Open your liquid inlet ball valve
2. Open the return/bleed valve on the control panel or your test line to bleed off excess air.
NOTE: this should be done several times during test cycle.
3. Start the air shop compressor and verify on the input air pressure gauge that you have 100 psi
4. Once the compressor has reached operating pressure 100 psi (This will give maximum operating output) then select the pump 1 or pump 2 air valve on front side to activate the to activate the desired pump. Open the air ball valve slowly, which will allow the air to flow to the regulator.
5. Adjust the air regulator, Pull up on the black knob and turn clockwise to increase pressure, or counter-clockwise to decrease pressure. Once the inlet air pressure is set, push down on the knob to lock it in place.
6. Start turning regulator clockwise, pressure will begin building as soon as air flows. When desired test pressure has been met, close thelsolation outlet Needlevalve to isolate test environment. To turn off pump while testing, turn regulator counter clockwise and decrease or stop air flow, or disconnect air compressor supply. If a pressure drop is indicated, check the following:

a. Output hose connection at pump.
b. Output hose connection at test line.
c. Leaking test line or air in the test environment.

7. When you are done with the hydrostatic pressure test run, release the pressure open slowly the needle valve on control plate (pressure release).

If the pressure gauge remains constant, turn off air ball valve and monitor gauge for your prescribed test time. When test is complete, open the high pressure release valve located on control panel, Bleed off the liquid pressure. Repeat the above steps for multiple lines. Be sure the air pressure gauge reads zero before disconnecting the air line from the pump.