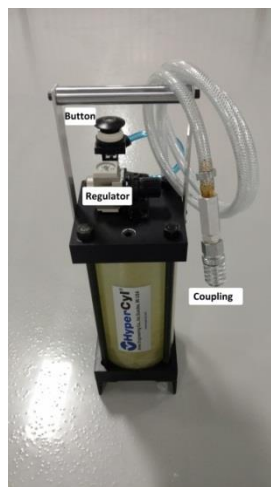




HPI SERIES FILL AND VENT PROCEDURE – HFP-1

1. Fill the HFP-1 fill unit with ISO 32 oil or equivalent, leaving enough room to drain the cylinder.
2. Attach air line to HFP-1, set regulator to 40 psi.
3. Retract the cylinder rod (energize B1 port) and block in retracted position.
4. Remove the black rubber dust cover from the cylinder fill coupling.
5. Connect the fill coupling to the cylinder.
6. Depress and hold the manual override on the fast approach directional control valve (energize A1 port) until all oil and air have been vented from the cylinder.
7. Depress and hold the manual override on the fast approach directional control valve (energize B1 port).
8. Disconnect the fill line from the cylinder.
9. Depress the inner ring on the fill unit coupling to allow oil to flow. Depress the fill unit button and hold depressed until step 11. Once all air has been vented from the fill unit tubing, close coupling.
10. Connect fill unit to fill coupling on cylinder. Do not allow the fill unit can to get completely empty. Refill as necessary.
11. Once oil has stopped flowing from the fill unit release button and allow air pressure to equalize.
12. Repeat steps 6 thru 11 until no air is noticed in fill unit tubing as air pressure is equalizing.
13. Disconnect the fill unit from the cylinder.



Note: Air pressure must be applied to port “B2” to extend or retract cylinder rod. Always remember that air will travel to the highest point in any system. The unit must be vertical during this procedure.