Adjusting the Set Pressure
Note: Adjust the set pressure before installing the valve in a system.
1. Thread cap onto the bonnet 10 full turns.
2. Tighten lock nut against the cap and test for pressure.
3. Relieve system pressure, unthread cap as needed, and retighten. Repeat procedure as necessary to obtain desired set pressure.
4. Tighten lock nut against the cap.
5. Lock wire cap and body together to maintain set pressure.

Manual Override Conversion

Warning: Relieve system pressure before installing manual override handle.
1. Loosen lock nut and remove cap from bonnet.
2. Remove plug from cap.
3. Remove spring from bonnet.
4. Remove sleeve by pulling up on base of sleeve with hooked tool.
5. Remove spring support disc.
6. Install pull rod into bonnet.
7. Install sleeve by compressing it with a suitable tool and pushing it down into bonnet.
8. Place spring over pull rod.
9. Place cap over pull rod, resting it on bonnet.
10. Screw handle onto pull rod. Tighten set screw on handle to 20 in.-lb (2.2 N·m) with 5/64 in. hex wrench.
11. Engage cap threads.

Proceed to “Adjusting the Set Pressure”
RL4 Series Low Pressure Relief Valve

Contents:
- 1 Quad Seal
- 1 Bonded Disc
- 1 O-ring
- 1 Retainer

Stem Seal Replacement
1. Remove valve from system.
2. Loosen cap to relieve spring pressure.
3. Remove bonnet from body.
4. Remove retainer and stem from bonnet.
5. Remove quad seal from bonnet.
6. Make sure all parts are clean before reassembly.
7. Install new quad seal into bonnet. (Lubricate with system compatible lubricant.)
   NOTE: Disc remains in valve body.
8. Insert stem with bonded disc into bonnet, then place retainer over stem.
9. Remove and replace bonnet O-ring. (Lubricate with system compatible lubricant.)
10. Thread bonnet into body and tighten 400 in.·lb (45 N·m).
11. Adjust to desired set pressure as described on reverse side.
12. Install in system. Grip valve on wrench pad during installation.

Bonded Disc Replacement
1. Remove valve from system.
2. Loosen cap to relieve spring pressure.
3. Turn valve upside down and remove body from bonnet.
4. Remove disc from stem.
5. Make sure all parts are clean before reassembly.
6. Place new disc on stem.
7. Remove and replace bonnet O-ring. (Lubricate with system compatible lubricant.)
8. Thread body onto bonnet and tighten to 400 in.·lb (45 N·m).
9. Adjust to desired set pressure as described on reverse side.
10. Install in system. Grip valve on wrench pad during installation.

These instructions are also available in French, Italian, German, and Spanish.

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