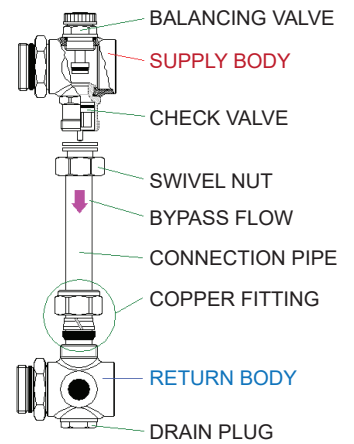
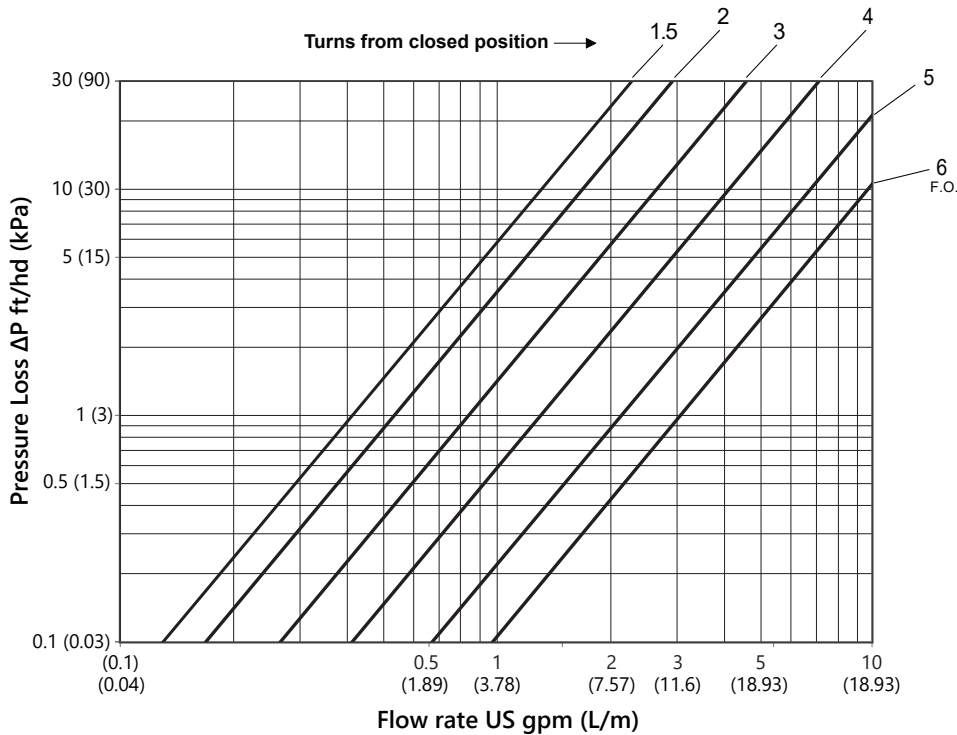


General Guidelines

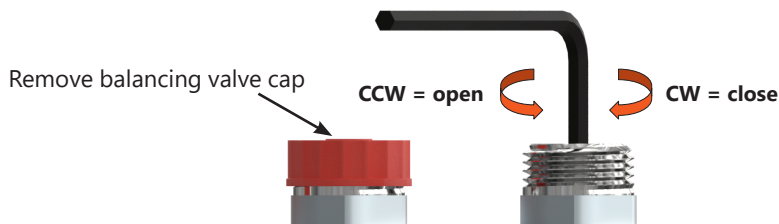
The 76945 differential pressure bypass kit allows you to reduce the overpressure in the supply manifold by means of an automatic check valve which will direct a portion of the flow to the return manifold. The bypass can be assembled upstream or downstream of the distribution manifold.

The bypass will open at a differential pressure (ΔP) of 8.4 ft (25 kPa). The graph below shows the ΔP across the valve for various valve settings and flow rates.

To adjust the balancing valve remove the cap by hand, and use a 5mm hex wrench (not included).



Balancing Valve Opening Turns	CV	KV
1.5	0.63	0.54
2	0.81	0.70
3	1.27	1.10
4	1.97	1.70
5	3.22	2.78
6 - Fully Open	4.63	4.00



WARNING!

DO NOT disassemble the HeatLink Stainless Steel manifold or pressure bypass while the system is under pressure. Serious injury can result.
Use only silicone o-ring lubricant #79951 or #79952. Use of petroleum based lubricants will void the warranty.

This page is intentionally blank.