

Balancing Valves

MVS (Modular Valve System)



The MVS is a complete flushing bypass system incorporating the BOSS™ Venturi Commissioning Valve Range. It features a variety of interlinked valves and components which are assembled into a system allowing connection, isolation, flushing and draining. Pipe connections are made via Female BSP and terminal connections via flat face male, however pressfit or compression joints are also available.

- Fully assembled units are tested to BSEN 12266: 2003
- Prefabricated assemblies for Chilled Water and Heating terminal Units
- Supports a wide range of configurations
- Available with connections to most piping systems
- Flow rates can be adjusted and set through the BOSS™ Venturi Commissioning Range
- Can be manufactured to include the BOSS™ PICV
- Test points can be included in the strainer to enable the coil pressure drop to be checked
- Strainer and Drain Cock are combined in a single unit, as is the ball valve
- Different components can be selected to attach to the body, depending on site specs
- The MVS reduces 'On Site' time & labour costs
- 99mm Centres

Technical Specification

Maximum Pressure	16bar
Maximum Temperature	110°C at 6bar
Minimum Temperature	-40°C at 6bar
Body Material	Bronze/DZR Brass

Flow Rates

Size	Flow Rate (l/s)
DN15UL	0.005 to 0.035
DN15L	0.01 to 0.074
DN15S	0.062 to 0.148
DN15H	0.074 to 0.325
DN20L	0.062 to 0.148
DN20S	0.138 to 0.325
DN20H	0.26 to 0.6

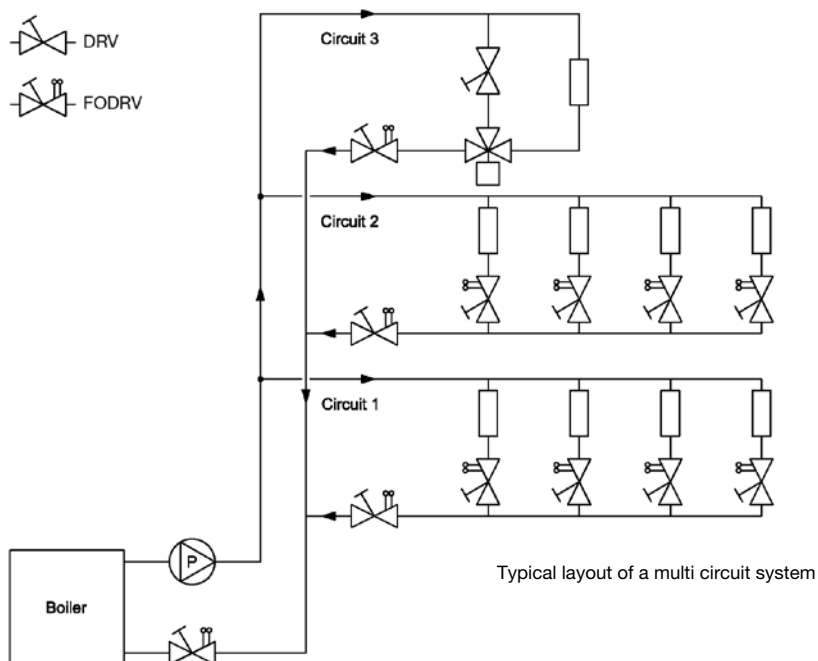
Red Handles - For Heating Applications

Size	Ball Valve Version	Strainer Version
DN15UL	22910179	22910190
DN15L	22910006	22910094
DN15S	22910017	22910102
DN20L	22910028	22910113
DN20S	22910039	22910124
DN20H	22910201	22910223

Extended Blue Handles - For Chilled Water Applications

Size	Ball Valve Version	Strainer Version
DN15L	22910050	22910135
DN15S	22910061	22910146
DN20L	22910072	22910157
DN20S	22910083	22910168
DN20H	22910212	22910234

For more information on the BOSS™ MVS please contact your local BSS branch or BSS Technical on 0116 256 7052.



Note

This sketch is only intended to show possible locations of the commissioning valves, the designer should consider the need for isolating valve for the servicing of pumps, boilers, chillers etc.