

Threaded BSEN10226 formerly BS21 (ISO 7) For Two Unit System



Specification

The unique bypass valve unit comprises two T-ported ball valves allowing easy back flushing, forward flushing and isolation. The position of the T-handle gives clear indication of flow/bypass mode. Designed around 3/4" full bore ball for optimum flow, can be adapted to 1/2", 3/4" and 1" end connections. Simple attachment to existing hangers. The strainer unit has an integral drain cock and pressure test point enabling measurement of pressure drop across load and allowing for flushing of strainer and coil without need to remove basket.

Application

The Z3000 is a prefabricated unit combining the essential control components and connecting pipework associated with fan coils, into one compact, fully assembled unit ready for simple and fast on-site connection.

The Dominator is compact and lightweight

- The complete unit is factory tested
- Integrated union joints allow for custom alignment
- 80mm supply/return centres allow for ease of lagging
- Ease of installation

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- Can be adapted to 1/2", 3/4" and 1" end connections
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Benefits for Design Engineers

- minimal design involvement
- all the necessary components supplied as one tested unit
- no risk of a component being omitted from a system at installation
- known performance of the entire unit
- saves time, reduces specification risks and provides maximum value to the client

Benefits for Installing Contractors

- Significant reduction in site labour and installation costs
- fast connection of one complete assembly
- standardised components with guaranteed tested performance
- less purchase orders, minimal administration
- simple on-site connection

Materials

Item	Description	Material
1	Bypass valve	Bronze to BSEN 1982 CC491K
2	ProBalance valve (D931)	Refer to ProBalance literature
3	D297 strainer	Bronze to BSEN 1982 CC491K
4	Union	Brass to BSEN 12165 CW617N
5	P84 test points	DZR to BSEN 12164 CW602N
6	Drain cock	DZR to BSEN 12164 CW614

Pressure/temperature ratings

Temperature °C	-10 to 100	110	120
Pressure (bar)	16.0	16.0	16.0

Maximum temperature 120°C