

DE40BSFP STD DN15/15

Dominator Eco with BSRIA
Flushing Drain, Strainer & 4-Port



PN16

Features & Benefits

- Innovative design - Unique differential pressure mechanism, ensuring accurate flow control and allowing the valve to be back flushed if required. Patent Pending
- Reduced embodied carbon and simple installation by combining a PICV, H-body and FMD together, making the Dominator Eco lighter and shorter
- Reliable flow measurement through the integral FMD in accordance to BS 7350
- Easily identifiable chilled and heating applications via the colour coded tags that also display the fan coil reference
- Paperless - Digital datasheet, IOM and commissioning tool can be quickly accessed via QR code on the colour coded tags
- BSRIA BG29 compliant design - Full forward-flushing and back-flushing capabilities
- Peace of mind - 100% of Dominator Ecos are tested before shipping. This involves pressure testing to BS EN 12266-1 and performance testing in accordance with BSRIA BTS01
- Direct mounting to FCUs – designed for easy access to components in confined spaces
- Flow regulation and ΔP verification – Utilising setting dial and integrated test points
- Minimum flow protection - 4-Port valve included to provide a constant flow rate irrespective of load demand
- System performance maintained - Fitted strainer helps filter particles and impurities in the fluid maintaining system cleanliness (if cleaned regularly)
- Comprehensive flow range available, allowing for cost effective valve selections
- PN16 rated product, suitable for building services applications
- Increased functionality and reduced material requirement - Interchangeable test points and nozzles facilitate ΔP measurement and flushing where required

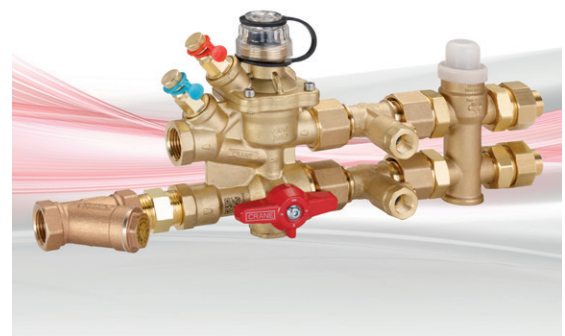
Materials

NO.	DESCRIPTION	MATERIAL	QTY
1	Male Ended Low Flow 0.010 - 0.080l/s Male Ended Std. Flow 0.025 - 0.170l/s Male Ended High Flow 0.110 - 0.290l/s	DZR Brass BS EN 12165 (CW602N)	1
2	Drain Tee Assembly – Male Captive	DZR Brass BS EN 12165 (CW602N)	2
3	4-Port Valve	DZR Brass BS EN 12165 (CW602N)	1
4	Adaptor 4-Port	DZR Brass BS EN 12165 (CW602N)	4
5	End Connection Sub Assembly	DZR Brass BS EN 12165 (CW602N)	2
6	Nipple - 1/2" Part	DZR Brass BS EN 12165 (CW602N)	1
7	PN16 Strainer - D298	Bronze BS EN 1982 CC491K	1

NOTE: Sealing gasket and O-rings material are EPDM

PRESSURE RATING: PN16
TEMPERATURE RATING: 0 to 90°C
WEIGHT 2.2kg
END CONNECTIONS:
 Valve body - BSP Taper
 Terminal end - Compression/Solder
SPARES: Refer to IOM

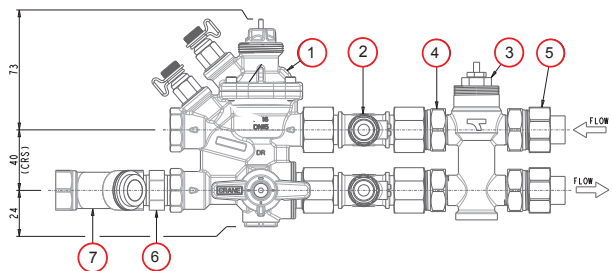
SPECIFICATION DZR Terminal unit valve set to be a pre-assembled unit as supplied by a single manufacturer. Unit to include a flushing bypass with integral isolation valves, Pressure Independent Commissioning Unit (PICU), strainer, 4-port and flushing valves to comply to BG29 guidelines. Flow rate to be measurable using integral test points as per BS 7350. Flow rate to be adjustable between 0.010-0.290l/s, dependent on variant. Connections to be flat face unions between components with female BSPT on system side and compression/solder on terminal side. Unit to be manufactured from DZR Brass to BS EN 12164/5 CW602N. Valve assembly will be labelled to include the terminal unit reference number, service and part number as per Dominator Eco.



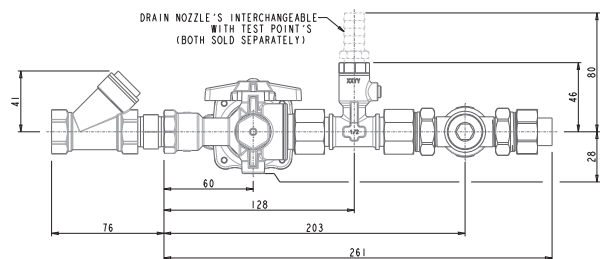
ProBalance

banstore

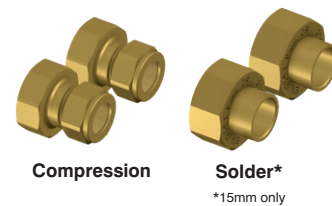
Dimensional Drawings



Available in standard or reverse handed orientations.



End Connections



PICU Pressure

OPERATING PRESSURE RANGE ACROSS VALVE (kPa)	20 - 400 (DN15 LF) 20 - 400 (DN15 SF) 40 - 400 (DN15 HF)
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