

Fig. EP801PEXT Hook-Up Elite Prime with PICV & Strainer Drain

Fig. EP801PFEXT Hook-Up Elite Prime with PICV, Strainer Drain and FMD

FEATURES & BENEFITS

- Compact, pre-fabricated unit – now available with Elite Prime PICV with a wide range of settable flows to suit all applications
- All valves are subject to both a pressure test, in accordance with BS EN 12266-1, as well as a flow limitation test, in accordance to BSRIA BTS1. This provides reassurance of performance and accuracy within each valve
- Provides accurate flow rates & differential pressure control as well as flow measurement (Fig. EP801PF), system flushing and isolation
- Fully assembled & factory tested unit reduces installation time, costs and specification risks
- DZR H Body tested to 3.1X Design Working Pressure (DWP) during development for design robustness and tested to EN12516-2 to comply with the Pressure Equipment Directive (PED)
- Available without extension stems (EP801P & EP801PF) to suit customer specification
- On-Off, modulating or feedback actuators are available separately to match specification

MATERIAL SPECIFICATION

No.	Component	Material	Specification
1	Bypass H-Body	DZR Brass	BS EN 1982 (CC491K)
2	D299P Strainer	DZR Brass	BS EN 1982 (CC491K)
3	Fig 1934 PICV	DZR Brass	BS EN 12165 (CW602N)
4	Tailpiece	DZR Brass	BS EN 12164 (CW602N)
5	Fig 1000 FMD	DZR Brass	BS EN 12164 (CW602N)



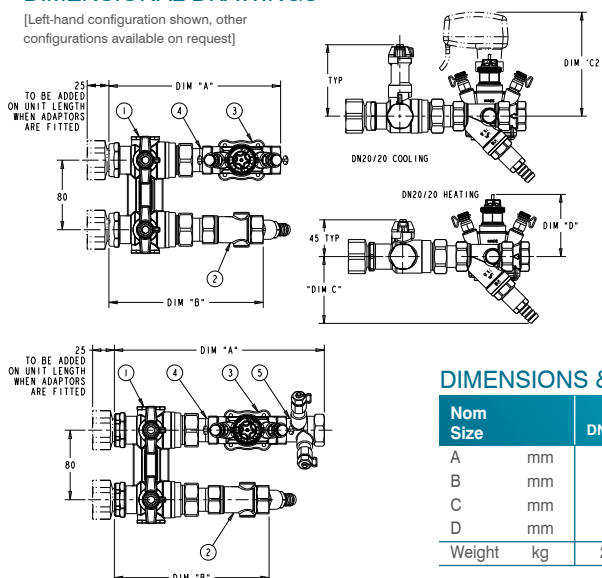
Fig. EP801PEXT



Fig. EP801PFEXT

DIMENSIONAL DRAWINGS

[Left-hand configuration shown, other configurations available on request]



PRESSURE/ TEMPERATURE RATING

PN16 -10 to 100°C

END CONNECTIONS

Flushing bypass body
- BSP Parallel,
Strainers & Tailpieces
- BSP Taper



SPECIFICATION

Preassembled to the requirements of each individual terminal unit to include a flushing by-pass with integral isolation valves, Elite Prime Pressure Independent Control Valve (PICV), with options for low flow to high flow, flow measurement device, strainer, drain and pressure test points as and where specified. Extended handles will be fitted for Chilled Water applications. On-Off, feedback or modulating actuator is required to control the PICV. Generally as Hattersley Fig. EP801P & Fig. EP801PF Hook-Up Elite Prime system with PICV.

DIMENSIONS & WEIGHTS

Nom Size		EP801P			EP801PF		
		DN15/15	DN20/15	DN20/20	DN15/15	DN20/15	DN20/20
A	mm	184	184	197	229	229	241
B	mm	173	173	178	173	173	178
C	mm	76	76	82	76	76	82
D	mm	67	67	77	67	67	77
Weight	kg	2.54	2.54	2.91	2.75	2.75	3.21

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