

Fig. EP701P

Hook-Up Elite Prime with PICV & Drain

Fig. EP701PF

Hook-Up Elite Prime with PICV, Drain & 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. EP701PF), 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 with and without extension stems to suit customer specification
- On-Off, modulating or feedback actuators are available separately to match specification
- Available in 400kPa & 800kPa

MATERIAL SPECIFICATION

No.	Component	Material	Specification
1A	Bypass H-Body DN15	Bronze	BS EN 1982 (CC491K)
1B	Bypass H-Body DN20	DZR Brass	BS EN 12165 (CW602N)
2	Tailpiece	DZR Brass	BS EN 12164 (CW602N)
3	Fig. 1934 PICV	DZR Brass	BS EN 12165 (CW602N)
4	D342 Drain	DZR Brass	BS EN 1982 (CC491K)
5	Fig. 1000 FMD	DZR Brass	BS EN 12164 (CW602N)



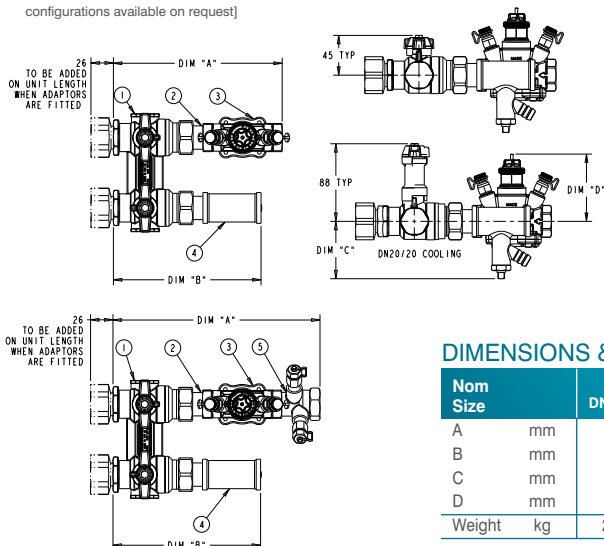
Fig. EP701P



Fig. EP701PFEXT

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, 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. EP701P & Fig. EP701PF Hook-Up Elite Prime system with PICV.

DIMENSIONS & WEIGHTS

Nom Size		EP701P			EP701PF		
		DN15/15	DN20/15	DN20/20	DN15/15	DN20/15	DN20/20
A	mm	179	179	192	223	223	236
B	mm	157	157	168	157	157	168
C	mm	60	60	66	60	60	66
D	mm	67	67	77	67	67	77
Weight	kg	2.42	2.61	2.98	2.63	2.75	3.21

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