

APPLICATION

The Zone Valve Set is designed to control the temperature of specific zones in an easy and cost-effective way through a single PICV. The valve set is supplied pre-assembled with a venturi metering station, air/water tested, set and ready to fit directly into the system preferably in the return branch. Comprises all components required to automatically balance the flow rate and to control the temperature to the zone with 100% authority.

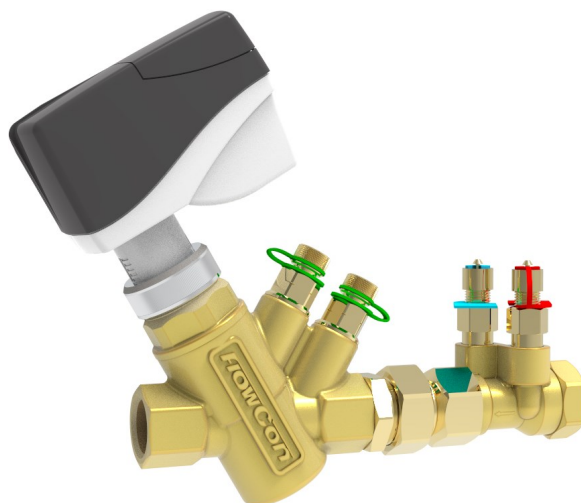
In order for the PICV to function as intended, water must always be suitably treated, clean, free of debris and maintained as per the relevant water quality standards (VDI2035, BSRIA BG50 or equivalent).

SPECIFICATION

Static Pressure:	25 Bar
Working Temperature:	-15°C to 110°C
Size Range:	DN15 to DN50
Threaded Connections:	Female according to UNI ISO 228/1
Features:	<ul style="list-style-type: none"> • Easy selection based on flow rate • Choice of actuators (electric or thermic, raise lower, modulating, on/off, feed-back, failsafe) • Blank cap option for dynamic flushing • Accurate flow measurement verification at the terminal unit • Supplied set, individually labelled to schedule • 100% tested

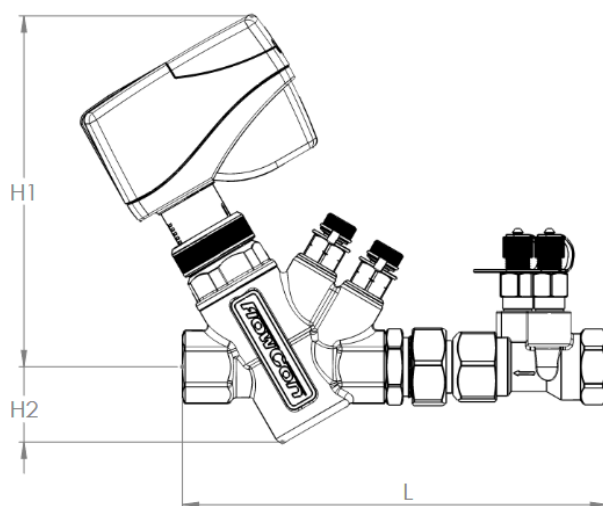
Components:	<ul style="list-style-type: none"> • VIR venturi metering station • FlowCon Green.EQ, Green.0-2 or Green.3 PICV • Green.EQ and 0-2: FlowCon FN, FNP or FT Actuator, can be set to equal % or linear control, with failsafe, electrical override and position indicator • Green.3: FlowCon FH Actuator. IP54 rated, including upside-down
-------------	--

Material:	<ul style="list-style-type: none"> • DZR brass, elastomers EPDM
-----------	--



SP-PZ.12.3.T.0

DIMENSIONS



PRODUCT CODES AND SELECTIONS

SP-PZ.12.x.T.x

Bxxx	= fitted with blank cap, insert supplied loose
EQ0	= GreEQ.0 [0.00482—0.126 l/s, 16-600 kPaD]
EQ1	= GreEQ.1 [0.0764—0.224 l/s, 30-800 kPaD]
0	= Green.0 [0.0103—0.160 l/s, 16-600 kPaD]
1	= Green.1 [0.0178—0.308 l/s, 30-800 kPaD]
1HF	= Green.1HF [0.172—0.736 l/s, 35-800 kPaD]
2	= Green.2 [0.240—1.29 l/s, 16-800 kPaD]
3	= Green.3 [0.528—3.79 l/s, 16-600 kPaD]
T	= Threaded
1	= 15 XLF Metering Station Kvs 0.263
2	= 15 ULF Metering Station Kvs 0.55
3	= 15 LF Metering Station Kvs 1.15
4	= 15 Metering Station Kvs 2.80
5	= 20 Metering Station Kvs 5.33
6	= 25 Metering Station Kvs 9.72
7	= 32 Metering Station Kvs 20.25
8	= 40 Metering Station Kvs 30.23
9	= 50 Metering Station Kvs 55.07
1	= 1" nominal diameter
2	= 2" nominal diameter
12	= 1/2" nominal diameter
34	= 3/4" nominal diameter
114	= 1 1/4" nominal diameter
112	= 1 1/2" nominal diameter
PZ	= Zone Control PICV Valve Assembly
SP	= Special Arrangement

Size	L	H1	H2
DN15	176	140	30
DN20	183	140	30
DN25	224	140	30
DN32	255	160	45