

### APPLICATION

For Fan Coil Unit installations. Suited for small spaces and slim-line Fan Coil Units. Vertical or horizontal configuration. 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).

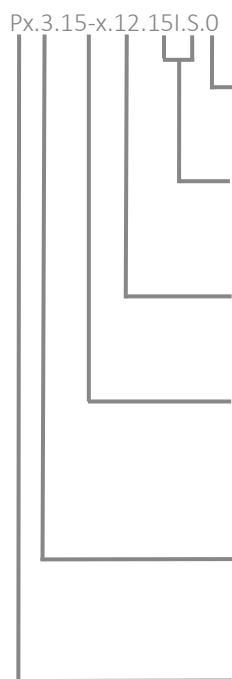
### SPECIFICATION

Static Pressure: 25 Bar  
Working Temperature: -10°C to 120°C  
Size Range: DN15-20  
Connections: System side: male or fixed ISO female  
FCU side: standard solder

- Features:
- Handed for heating & cooling duties
  - Easy selection based on flow rate
  - Wide choice of connections and actuators (electric or thermic, raise lower, modulating, on/off, feedback)
  - Strainer options
  - Blank cap option for dynamic back flushing
  - Accurate flow measurement verification at the terminal unit
  - Flush/drain points in flow and return
  - Supplied set, individually labelled to schedule & terminal unit, ready to fit
  - 100% tested

- Components:
- FlowCon 5-position flushing bypass, 40mm centres
  - FlowCon venturi metering station low to high flow rates, fitted with FlowCon Combined PT Plug & Drain
  - FlowCon Green or GreEQ PICV fitted with FlowCon Combined PT Plug & Drain
  - FlowCon FNP Actuator, can be set to equal % or linear control, with failsafe, electrical override and position indicator. IP54 rated, including upside-down.
- Material: DZR brass, elastomers EPDM

### PRODUCT CODES AND SELECTIONS

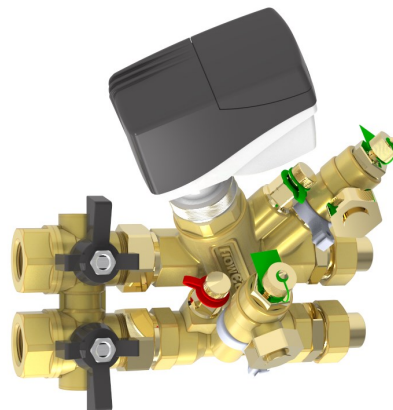


EQ0 =	GreEQ.0 [0.00482—0.126 l/s]
EQ1 =	GreEQ.1 [0.00482—0.126 l/s]
0 =	Green.0 [0.0103—0.160 l/s]
1 =	Green.1 [0.178—0.308 l/s]
1HF =	Green.1HF [0.172—0.736 l/s]
FCU [Outlet]	S = Solder Connections C = Compression Connections 15I = 15mm Connection Size 22I = 22mm Connection Size
System [Inlet]	12 = 1/2" female threaded Connections 34 = 3/4" female threaded Connections No addition = male threaded bypass with 3/4" BSP Euroconus Connections
0 =	no additional flow measurement
15-1 =	Kvs 0.263 [for GreEQ.0/Green.0]
15-2 =	Kvs 0.550 [for Green.0]
15-3 =	Kvs 1.15 [for Green.0]
15-4 =	Kvs 2.80 [for GreEQ.1/Green.1]
15-5 =	Kvs 5.40 [for Green.1HF]
0 =	no addition to the flow branch
1 =	Plain Strainer
2 =	PT Plug
3 =	Combined PT Plug & Drain Valve
4 =	Hose Union Drain Valve
5 =	Plain Strainer and PT Plug
6 =	Plain Strainer and Combined PT Plug & Drain V.
7 =	Plain Strainer and Hose Union Drain Valve
PL =	Left Handed FloSet
PR =	Right Handed FloSet
PH =	Horizontal FloSet

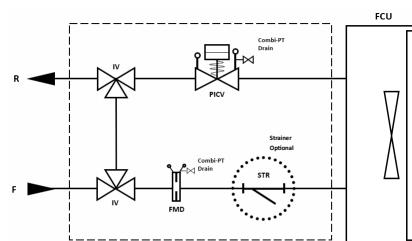
## FloSet® Compact

### PR.0.15-x.12.15I.S.0

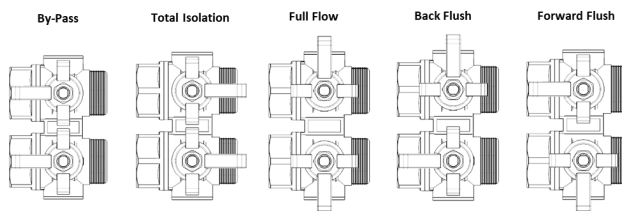
Right Hand FloSet Compact. 1/2" female threaded Mini Flushing By-Pass. MS.15-x Metering Station fitted with Combined PT Plug & Drain to the Flow Branch. FlowCon Green.0 PICV fitted with FNP Actuator and Combined PT Plug & Drain to the Return Branch. Union Solder FCU Connections included but supplied loose.



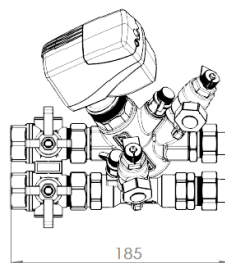
Configuration Schematic



Bypass handle positions supporting 5 functions



Dimensional Drawing Right-Handed FloSet Compact



With Strainer Option

