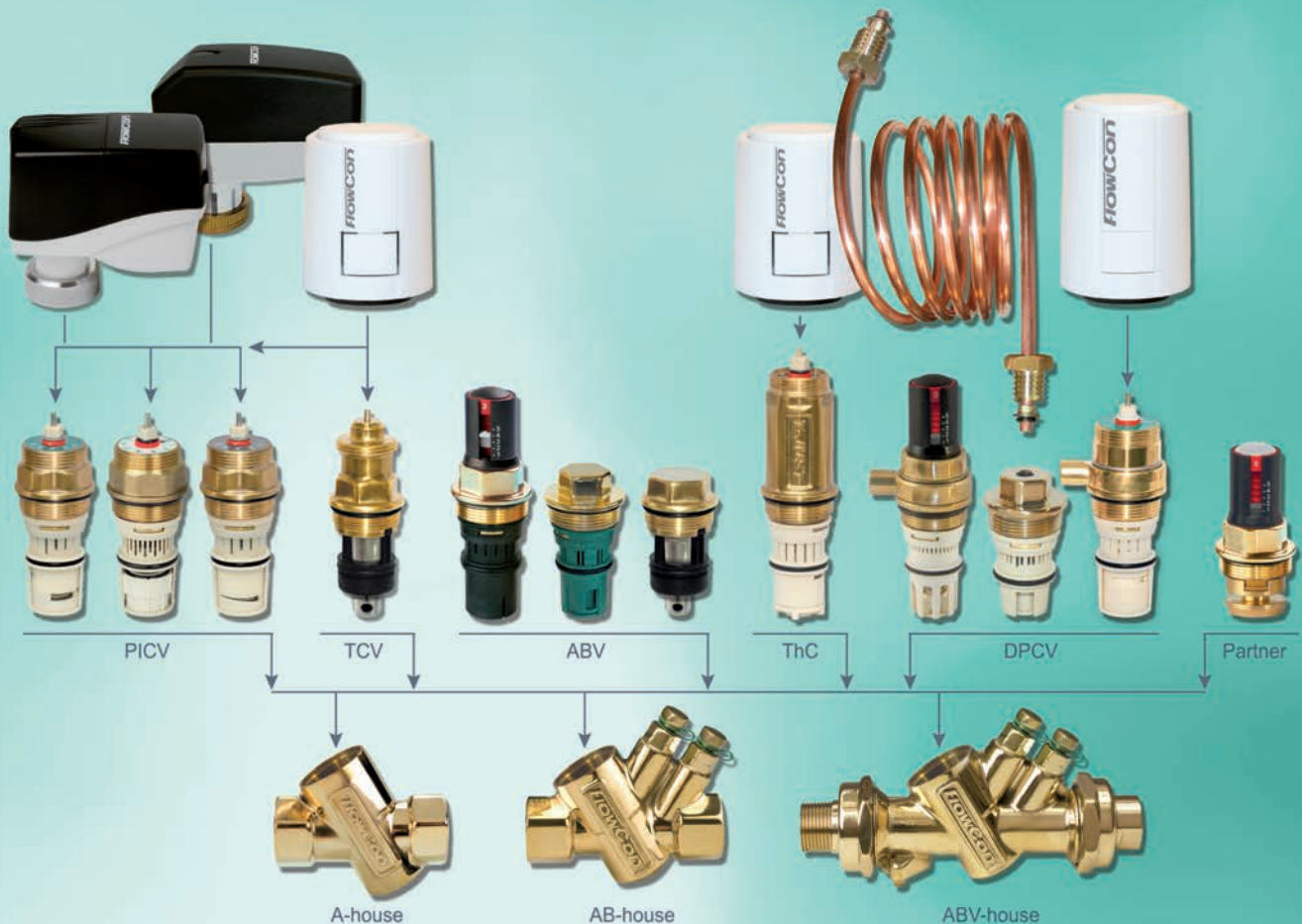


FlowCon Insert Program



The Flexible HVAC Valve Range

A fully flexible valve program is the obvious benefit of the wide range of inserts offered by FlowCon. This flexible HVAC valve range covers valve sizes from DN15-50 / 1/2"-2" and includes solutions for heating, cooling, energy, and domestic hot water applications.

With the widest insert program, you choose the optimal solution for your application independent of pipe size. Choice is based on design flow, pressure range, adjustable or pre-set setting, actuator control and then the valve housing.

Your FlowCon insert choice gives you:

- Full flexibility = field adjustability allows max.flow setting to be changed on command.
- Easy selection - insert selection is done based on flow requirement and independent of piping size. Each insert fits several different valve sizes.
- Easy setting - wide and stepless setting span allowing to choose any flow between min. and max.
- Simple flushing - without the insert present, full force flushing forward and backward is possible.
- No commissioning based on dynamic and pressure-independent regulation in each insert design.
- Serviceable = Easy maintenance - the insert design allows service or replacement of the insert without removing the valve housing from the installation.
- Simple waste handling - at end of use, valve housing and insert are easy to separate and sort properly.

FlowCon Insert Program



Pressure Independent Control Valves,
PICV inserts

FlowCon Green / GreEQ

Size: DN15-40 / 1/2"-1 1/2"

Max. operation ΔP : 800 kPaD / 116 psid

Max. flow rates: 0.00482-1.29 l/sec /
0.0763-20.4 GPM

Control: Modulating, 3-point floating or 2-position



Differential Pressure Control Valves,
DPCV inserts

FlowCon EDP / SDP / ADP

Size: DN15-50 / 1/2"-2"

Max. operation ΔP : 500 kPaD / 72 psid

Controlled ΔP : 3-100 kPaD / 0.4-14.5 psid

Max. flow rates: 9-14000 l/hr / 0.040-61.6 GPM

Control: ON/OFF



Temperature Control Valves, TCV inserts

FlowCon EVS

Size: DN15-25 / 1/2"-1"

Max. operation ΔP : 400 kPaD / 58 psid

Max. flow rates: 0.0210-0.631 l/sec /
0.333-10.0 GPM

Control: Modulating or ON/OFF



Partner Valves for DPCVs,
Partner inserts

FlowCon S-JUST

Size: DN15-25 / 1/2"-1"

Max. operation ΔP : 100 kPaD / 14.5 psid

Max. flow rates: 0.0039-1.59 l/sec /

0.0616-25.1 GPM



Automatic Balancing Valves, ABV inserts

**FlowCon E-JUST / Composite /
Stainless Steel**

Size: DN15-50 / 1/2"-2"

Max. operation ΔP : 880 kPaD / 128 psid

Max. flow rates: 0.0081-4.48 l/sec /
0.17-70.9 GPM



Thermostatic Control Valves, ThC inserts

FlowCon T-JUST

Size: DN15-25 / 1/2"-1"

Max. operation ΔP : 100 kPaD / 14.5 psid

Temperature rate: 35°C to 65°C / 95°F to 149°F

Control: ON/OFF



Valve Housings for FlowCon Inserts

FlowCon A / AB / ABV

Size: DN15-50 / 1/2"-2"

Static pressure: PN25 / 360 psi

Material: DZR brass, brass or ductile iron

End connections: Fixed female ISO or double
union end connection

For information on full range up to DN1000 / 40" visit
www.flowcon.com

FlowCon
international

A Griswold Controls LLC./FlowCon International Company

www.flowcon.com

DENMARK • DUBAI • USA • CHINA • SINGAPORE