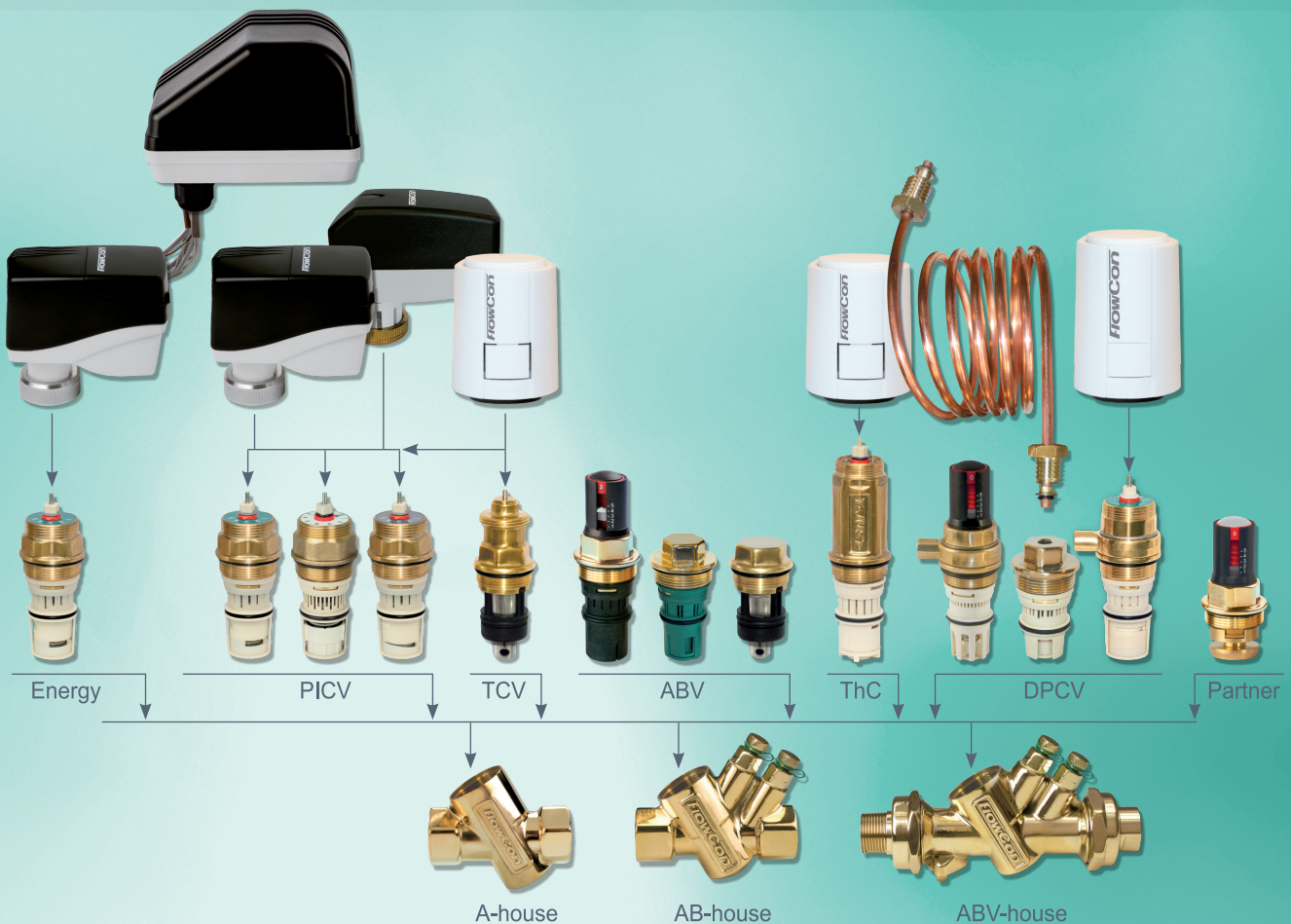


# FlowCon Insert Program



## 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  $\Delta P$ : 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



## Pressure Independent Temperature Control Valves, Energy inserts

### FlowCon FIT-G

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

Max. operation  $\Delta P$ : 800 kPaD / 116 psid

Max. flow rates: 0.0103-1.29 l/sec /  
0.163-20.4 GPM

Control: Modulating



## Temperature Control Valves, TCV inserts

### FlowCon EVS

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

Max. operation  $\Delta P$ : 400 kPaD / 58 psid

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

Control: Modulating or ON/OFF



## Automatic Balancing Valves, ABV inserts

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

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

Max. operation  $\Delta P$ : 880 kPaD / 128 psid

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



## Differential Pressure Control Valves, DPCV inserts

### FlowCon EDP / SDP / ADP

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

Max. operation  $\Delta P$ : 500 kPaD / 72 psid

Controlled  $\Delta P$ : 3-100 kPaD / 0.4-14.5 psid

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

Control: ON/OFF



## Partner Valves for DPCVs, Partner inserts

### FlowCon S-JUST

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

Max. operation  $\Delta P$ : 100 kPaD / 14.5 psid

Max. flow rates: 0.0039-1.59 l/sec /  
0.0616-25.1 GPM



## 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



## Thermostatic Control Valves, ThC inserts

### FlowCon T-JUST

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

Max. operation  $\Delta P$ : 100 kPaD / 14.5 psid

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

Control: ON/OFF

For information on full range up to DN1000 / 40" visit

[www.flowcon.com](http://www.flowcon.com)

**FlowCon**  
international

A Griswold Controls LLC./FlowCon International Company

[www.flowcon.com](http://www.flowcon.com)

DENMARK • DUBAI • USA • CHINA • SINGAPORE



**ENERGYNET**  
U krugu dobre energije

Energy Net doo  
Temerinska 111, Novi Sad  
Zrenjaninski put 92E, Beograd



066 / 090 090



[www.energynet.rs](http://www.energynet.rs)



[korisnickapodrska@energynet.rs](mailto:korisnickapodrska@energynet.rs)