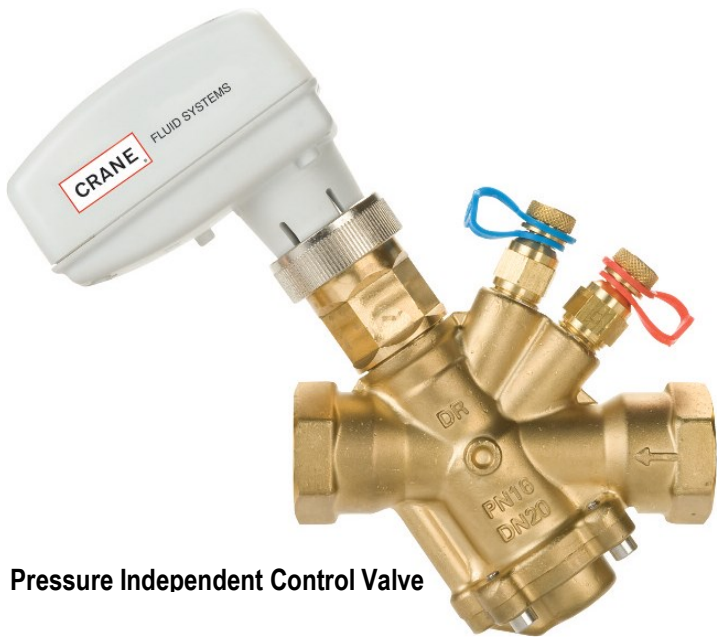


CRANE

FLUID SYSTEMS



Pressure Independent Control Valve



Differential Pressure Control Valve
DP971F- Sizes: DN65 – DN150



Differential Pressure Control Valve
DPAF961-Flow & DPAR961-Return
Balancing Valve

To meet the growing use of variable speed pumps for HVAC applications, Crane Fluid Systems has launched a range of Differential Pressure Control Valves (DPCV) specifically aimed at optimizing system performance.

Extremely efficient, the DPCV is set to a maximum differential pressure which ensures flow cannot exceed a desired rate. It therefore helps reduce energy consumption, the risk of noise and simplifies the commissioning process.

Distributor:



Thai-Phill Services Co., Ltd.

67/1 Ramkhamhaeng 24, Yaek 24,
Ramkhamhaeng Road, Huamark,
Bangkapi, Bangkok 10240

Office Tel: 66-2-318-4505; Fax: 66-2-318-4504

E-mail : sales@thai-phill.com; Web Site : www.thai-phill.com



DPIC991F- Sizes: DN50 – DN250



**DPIC991F WITH Actuator
Available Sizes: DN50 – DN250**

Pressure Independent Control Valves offer full authority and an automatic balancing function

- Energy savings: Optimal control creates energy savings when used as part of a variable flow system.
- Easy to install: For use with fan coils, chilled beams and other terminal units, the PICV is compact and easy to install in limited and difficult site conditions.
- Precise temperature control: Linear or equal percentage characteristics, settable with an actuator, contribute to precise environmental temperature control.
- Extensive range: Available in threaded (DPIC991) and flanged (DPIC991F) versions. (DN50 only)



D991- Sizes: DN40 & DN50

Features & Benefits

- Maintains equal percentage control characteristic at all flow rate settings
- Pressure independent control of flow
- Simple flow rate setting
- Adjustable over wide range of flow rates
- Activation DP 20-35kPa (DN40) and 25-35kPa (DN50) dependent on setting
- Integral test points for DP verification

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DPIC992F- PICV: DN50 / DN150

Pressure Independent Control Valves offer full authority and an automatic balancing function

Features & Benefits

- **Energy savings:** Optimal control creates energy savings when used as part of a variable flow system.
- **Easy to install:** For use with large plant items such as Air Handling Units (AHU), the PICV is compact and easy to install in limited and difficult site conditions.
- **Accurate flow rates:** Built-in differential pressure controller ensures accurate system design flow rates are achieved and eliminates overflows caused by fluctuating system pressures, which in turn reduces the system running costs.
- **Precise temperature control:** Linear or equal percentage characteristics, settable with an actuator, contribute to precise environmental temperature control.



Z4005FS/Z4005FR - DN14/15 & DN20/15

Dominator PRO & PICV (with FMD & 4 Port)

Features & Benefits

- Compact design allows for direct fit onto fan coil units
- Taper thread to form a mechanical seal as per BS EN 10226-2
- Reduces the number of valves
- Solder adaptor for end fitting onto copper tube as per BS EN 1254-1
- Has settable linear or equal percentage control characteristics at all pre-set flow rates when combined with an actuator
- Reduces installation time
- Reduces number of joints / potential leaks
- Lightweight compact and pre-fabricated unit
- On/Off or modulating actuators are available separately.



ZM40010S/ZM40010R - DN15/15)

Dominator PRO & PICV (with Strainer Drain)

Features & Benefits

- Lightweight, compact and pre-fabricated unit - now available with Pressure Independent Control Valves.
- Provides accurate flow rates & differential pressure control as well as system flushing and isolation.
- Fully assembled and factory tested unit reduces installation time, costs and specification risks.
- On/off or modulating actuators are available separately to match Specification.

Distributor:



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