

# Type YPR-8E Large Flow Pressure Reducing Valve for Heating and Supplying Water for Each Household

Pressure reducing valves that are used to supply water to each household are designed to resolve problems that arise from a pressure imbalance in water supplied to households. They promote user convenience by allowing easy changing of the pipeline direction in accordance with field conditions.



## ■ Features

- Irregular pressures control among households in apartment buildings : it prevents waste of water resources.
- Installation is easy : the product has adopted a union coupling method.
- Built-in strainer blocks entry of foreign substances and reduces installation space.
- No additional errors resulting from the idle rotation of the flowmeter; by preventing pressure imbalance in supplied water among households and blocking countercurrents to "low-pressure" households.
- Pressure can be adjusted by turning the control section, without using any tools. Pressure adjustment is made even easier by checking of the indicator.
- Supplying sufficient flow, based on an appropriate pressure level, even at peak load : its optimal design considers the maximum concurrent usage rate.
- As a valve with a single-unit cartridge structure, its main components are built in unit form, thereby enabling replacement of inner parts as a unit.
- Easy temporary pipeline construction by using the product's body : no need to install a separate temporary pipeline.
- Improvements in cross-sections polishing on the flow path minimize resistance loss and reduce noise.

## ■ Specifications

Size		15A(1/2")
Applicable fluid		Cold/hot water
Primary pressure		10kgf/cm <sup>2</sup>
Secondary pressure regulating range		1.2~5.0kgf/cm <sup>2</sup>
Applicable fluid temperature		120° C or below
Maximum pressure reduction ratio		10:1
Minimum differential pressure in the inlet and outlet side of the valve		0.5kgf/cm <sup>2</sup>
End connection	Inlet	KS PT UNION
	Outlet	KS PT SCREW
Materials	Body	BC6, BsC3
	Disc, seat	VITON, PSU
Hydraulic test pressure		15 kgf/cm <sup>2</sup> g
Optional		Pressure gauge, Check valve

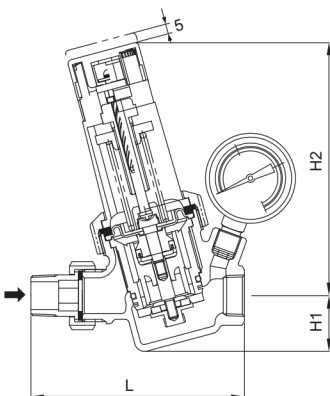
▶ Strainer (over 40 Mesh ) installation is required to ahead inlet when valve installing.

## ■ Dimensions

(mm)

Type	Size	L	H1	H2
YPR-8E	15(1/2")	108	28.2	128

## ■ Dimensional drawing



## ■ Characteristics chart

### » Flow characteristics chart

#### YPR-8E

