

# Type YPR-8N, 8H 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.

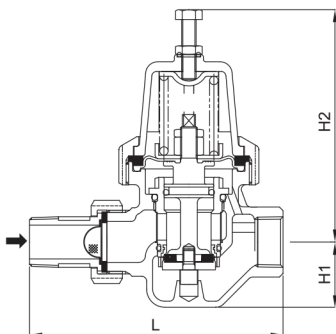


Type YPR-8N

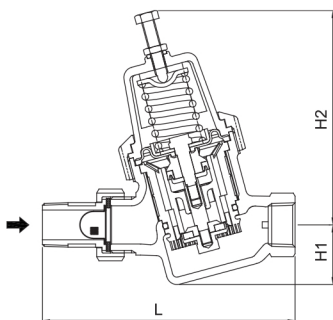


Type YPR-8H

## ■ Dimensional drawing



Type YPR-8N



Type YPR-8H

## ■ 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.
- 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.
- Supplying sufficient flow, based on an appropriate pressure level, even at peak load : its optimal design considers the maximum concurrent usage rate.
- Built-in strainer blocks entry of foreign substances and reduces installation space.
- Precise identification of adjusted pressure.
- Installation space reduction.
- Improvements in cross-sections polishing on the flow path minimize resistance loss and reduce noise.

## ■ Specifications

Type	YPR-8N	YPR-8H
Size	15A(1/2")	
Applicable fluid	Cold/hot water	
Primary pressure	10kgf/cm <sup>2</sup>	
High pressure regulation	0.5~1.5kgf/cm <sup>2</sup> g (for low pressure), 1.5~3.0kgf/cm <sup>2</sup> g(for medium pressure), 3.0~5.0kgf/cm <sup>2</sup> g(for high pressure)	
Applicable fluid temperature	120° C 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	BsC3
	Disc, seat	VITON, SUS
Hydraulic test pressure	15 kgf/cm <sup>2</sup> g	
Optional	Pressure gauge	Check valve, Pressure gauge

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

## ■ Dimensions

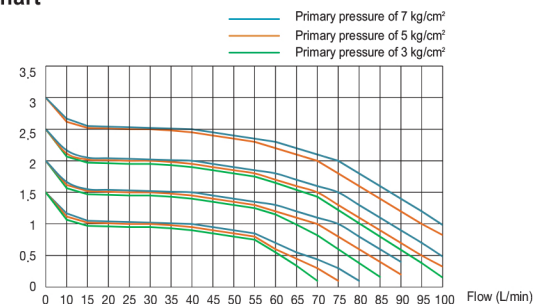
Type	Size	L	H1	H2
YPR-8N	15(1/2")	105	27	96
YPR-8H	15(1/2")	108	28.2	100

## ■ Characteristics chart

### » Flow characteristics chart

#### YPR-8N

Secondary pressure (kgf/cm<sup>2</sup>)



#### YPR-8H

Secondary pressure (kgf/cm<sup>2</sup>)

