

CF-90

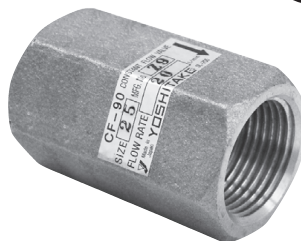
For water supply 60°C

For hot water supply 90°C

CF-90 type is a constant flow valve used in water supply line of apartment building and medium-high rise buildings. The orifice opening is adjusted to keep the flow rate constant in response to pressure fluctuation on the primary side.

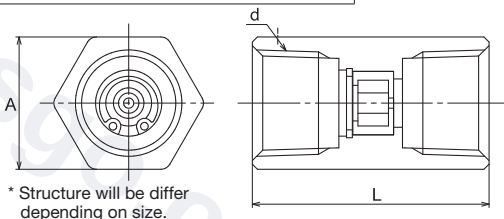
Specifications

Model		CF-90		
Size		15A	20A	25A
Application		Cold and hot water		
Max pressure		1.0 MPa		
Working differential pressure range		0.2-0.7 MPa		
Application temperature		5-90°C		
Set flow rate		1,2,3,4,5,6,7,ℓ/min	8,10,12,14ℓ/min	20,25,35,40ℓ/min
Allowable set flow rate		Within ±20% of set flow rate		
Material	Body	Bronze (Npb treated)	Bronze (Npb treated)	Bronze (Npb treated)
	Cartridge	Brass+EPDM	Resin+SUS	Brass+EPDM
Connection		JIS Rc		
Installation posture		Horizontal or vertical installation		

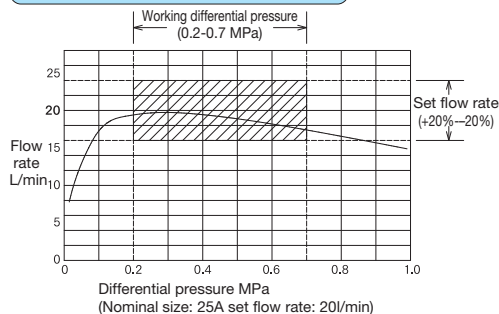


Dimension and weight

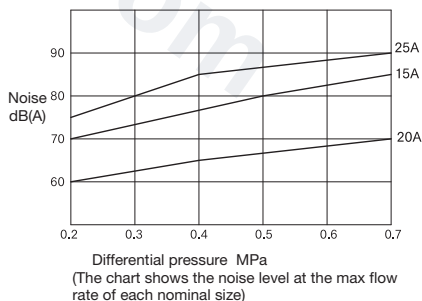
Nominal size	d	L	A	Weight (kg)
15A	Rc 1/2	46.5	26	0.2
20A	Rc 3/4	60	32	0.3
25A	Rc 1	70	41	0.5



Flow rate characteristic chart



Noise characteristic chart



Caution upon installing product

- When using this product, running sound occur. Please install it as far away as possible from places where low noise is required.
- Install a strainer(mesh size of 60 or 80) at the inlet side of the product.
- The majority of product failures are happened due to scale such as sands and dust in the pipeline. Please pay attention to the dust inside the pipeline.
- The products cannot be used with pipe end core.

Piping example

