

RD-47N Type Pressure Reducing Valve (for Water or Hot Water)

for **Large Houses**, etc.

RD-47N Type is suitable for water/hot water supply in apartments and tall buildings etc.

1. Reduce noise of water flow.
2. Eliminate the difference of water pressure between the floors.
3. Appropriate pressure allows no water splash.
4. No influence to other rooms when water supply is cut off for maintenance purpose.
5. Stable mixing temperature and improved housing conditions.



FEATURES

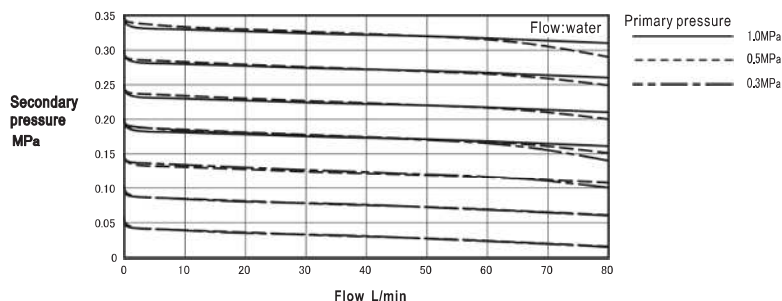
- Chlorine water resistant rubber for permanent reliability.
- Hygiene structure allows no "dead water".
- Reliable performance at low or high differential pressure conditions.
- Reliable installation, not necessary to disassemble pressure reducing valve.
- Allows water pressure test with valves installed.
- New "test gag" for easy testing.
- Cassette method allows easy maintenance.

SPECIFICATIONS

Model name	RD-47NL	RD-47NH
Code name	RD47N-FLPL1	RD47N-FHPL6
Applicable fluid	Water & hot water	
Fluid temperature	5~90°C	
Applicable primary pressure	Max. 1.0MPa	
Adjustable secondary pressure	0.05~0.13MPa(Set at 0.08MPa)	0.12~0.35MPa(Set at 0.20MPa)
Maximum reducing rate	10:1	
Minimum pressure differential across the disc	0.02MPa	
Rated flow	80 L/min when pressure differential exceeds 0.1MPa	
End connection	Screwed JIS R1" (Union pipe)	
Materials	Body(Cast bronze), Diaphragm & disc(Synthetic rubber)	
Valve body pressure test (Hydraulic)*1	Primary: 1.75MPa, Secondary: 0.42MPa	
Installation	In vertical and horizontal pipe line	
Accessory	Union pipe(pipe, nut, gasket), Foam polyethylene case for heat insulation, Test gag(For water pressure test) *1, Fitting for pressure gauge (It is already installed in the body for secondary side.)	
Strainer	40Mesh	

*1. Use test gag within 1.75MPa at water pressure test.
*2. Pressure gauge is optional item.

FLOW CHARACTERISTICS



CONSTRUCTION

