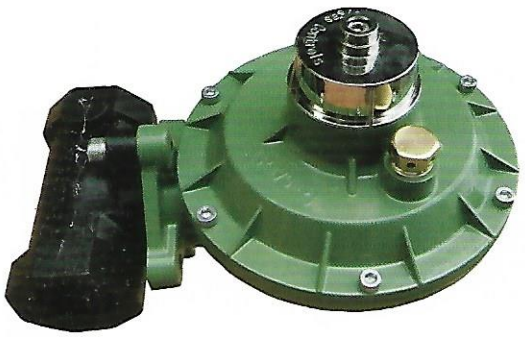
TYPE RHR

LOW PRESSURE REGULATOR

Raygas®

Type RHR Pressure Reducing Regulator for Commercial, or Industrial Applications

The Type RHR direct-operated, spring-loaded regulators provide economical pressure reducing control in a variety of residential, commercial, and industrial applications. These regulators can be used with natural gas , Lpg and other non-aggressive gases (air, nitrogen). and have the same inlet and outlet pressure capabilities.



TYPE RHR

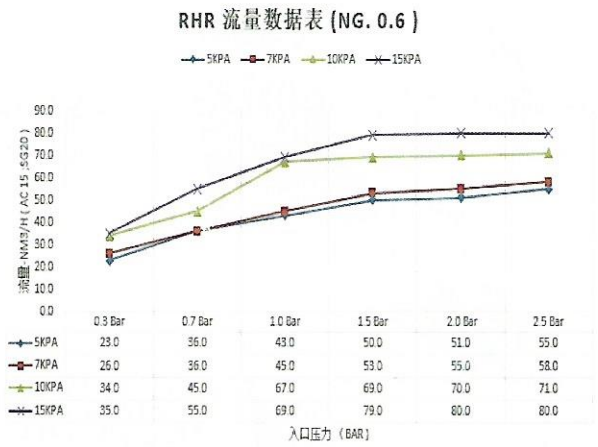
Modles Description

12D20-RHR & RHR-AP Model Instruction					
12D20	Type		Body Size and Connection	Spring No. and Spring Range	
	RHR	Low pressure outlet	40=3/4" NPT	STS-3401	25~50 mbar
	RHR-AP	AP_Medium pressure outlet	41=1" NPT	STS-3402	50~100 mbar
			42=2" NPT	STS-3403	80~150 mbar
				STS-3402 (AP)	150~200 mbar
				STS-3403 (AP)	200~350 mbar

Materials For RHR

Body..... Nodular Cast iron
Spring Cage..... Casting Aluminum
Bonnet..... Alloy Aluminum
Diaphragm..... NBR
Springs and Fasteners... 304 SST and Brass
Seat Disc & O-Rings..... NBR
Stem..... Stainless Steel
Other Valve parts..... Alloy Aluminum

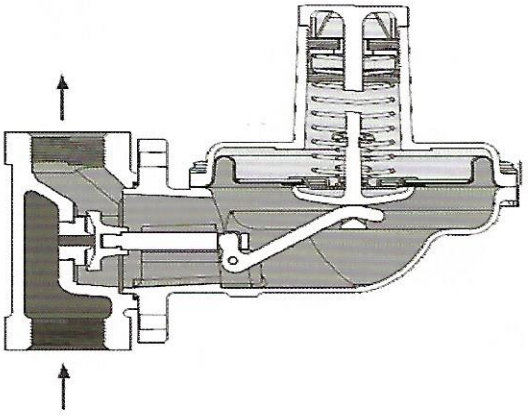
Flow capacity



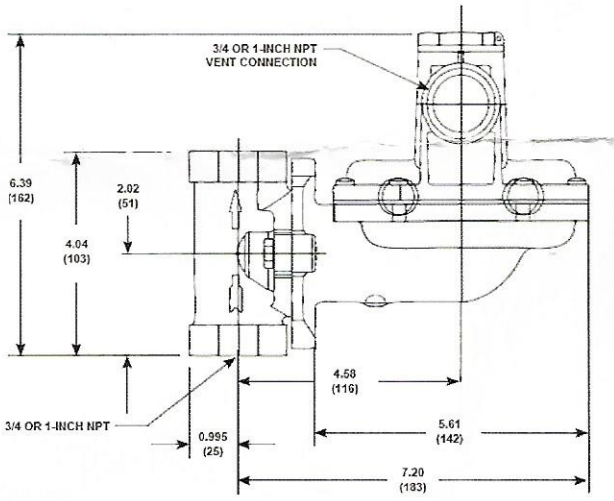
	0.3 Bar	0.7 Bar	1.0 Bar	1.5 Bar	2.0 Bar	2.5 Bar
5KPA	23.0	36.0	43.0	50.0	51.0	55.0
7KPA	26.0	36.0	45.0	53.0	55.0	58.0
10KPA	34.0	45.0	67.0	69.0	70.0	71.0
15KPA	35.0	55.0	69.0	79.0	80.0	80.0

Principle of Operation

When downstream demand decreases, the pressure under the diaphragm increases. This pressure overcomes the regulatorFlowssetting (which is set by a spring). Through the action of the pusher post assembly, the valve disk moves closer to the orifice and reduces gas flow. If demand downstream increases, pressure under the diaphragm decreases. Spring force pushes the pusher post assembly downward and the valve disk moves away from the orifice.



Dimensions For RHR



Ordering Guide

Body size (Select One)

3/4 x 3/4-inch (DN 20 x 20) NPT ***

1 x 1-inch (DN 25 x 25) NPT ***

2 x 2-inch (DN 50 x 50) NPT ***

Orifice Size (Select One)

1/8-inch (3,18 mm)***

3/16-inch (4,76 mm)***

1/4-inch (6,35 mm)***

3/8-inch (9,53 mm)***

1/2-inch (12,7 mm)***

Outlet Pressure Range (Select One)

For any information, please contact us:

RAYGAS INDUSTRY CONTROLS

Add: 21 avenue Jean Moulin Saint Gillers
Croix De Vie 85800 FRANCE

Web: www.raygas-ic.com

Email: raygas-ic@hotmail.com

Tel: (33)251550960