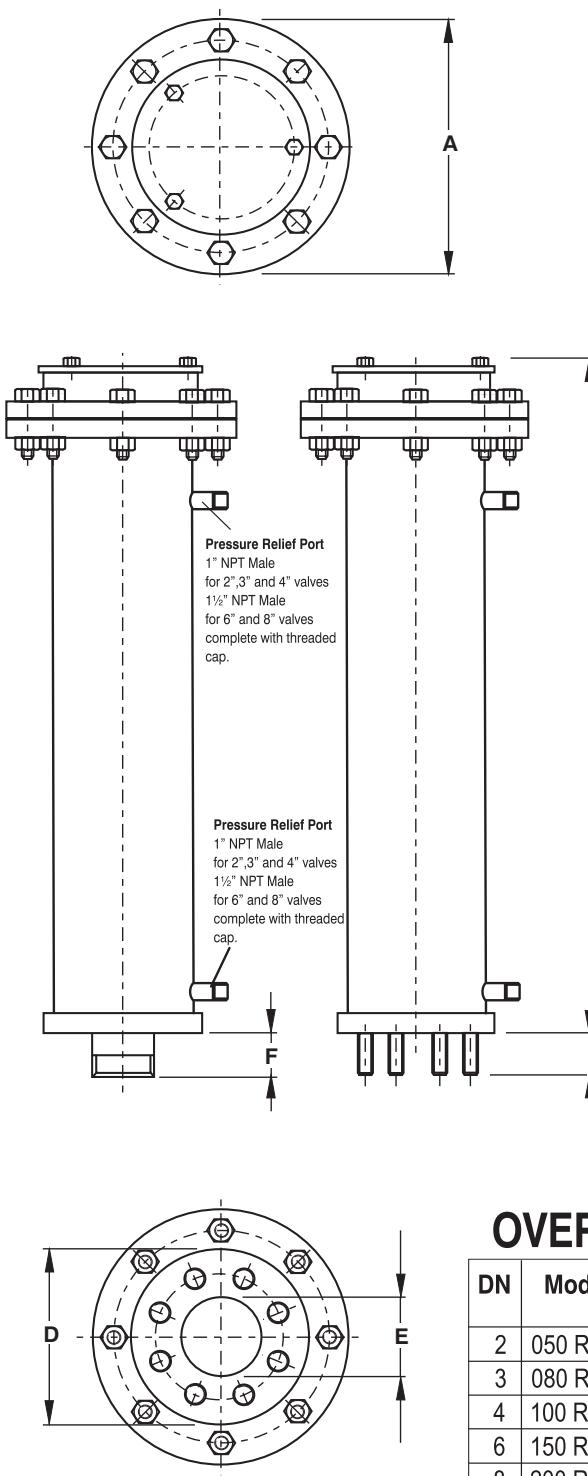


## GENERAL SPECIFICATIONS

### THREADED 2" & STUDDED INLET - 3" TO 8"

**Type:**

Double Orifice (Small & Large Orifice) with Anti Surge Orifice mechanism.

**End Connection:**

Flange with 2" Male NPT Threaded and Screwed Studs for Alignment to ANSI B16.5 Class 150 for 3" to 8".

**Nominal Sizes:**

2", 3", 4", 6" & 8"

**Model No's:**

RGX 1021 \_\_\_\_\_ 145 psi  
RGX 1031 \_\_\_\_\_ 145 psi

**Pressure Ratings psi :**

145 psi \_\_\_\_\_ 7.2 \_\_\_\_\_ Min  
Max. 145

**Operating Pressure Range - psi :**  
40° to 176°F**Function:**

B i) High volume air/gas discharge - pipeline filling.  
ii) High volume air intake - pipeline draining  
iii) Pressurized air/gas discharge - pipeline filled.  
iv) Surge dampening - high velocity air/gas discharge, liquid column separation & liquid oscillation.

**Valve Selection:-** see pages 11 & 12**Materials of Construction:-** see pages 5 & 7**Installation:-** see page 3**C Standard Factory Tests:**

i) Hydrostatic test -1.5 x max. rated working pressure  
ii) Low head leak test - 7.2 psi  
iii) Small orifice function test at max. rated working pressure (minimum 1 valve in 10).

## OVERALL DIMENSIONS & WEIGHTS

DN	Model No.	A	B	C	D	E	F	Weight Lbs
2	050 RGX 1021	8 $\frac{2}{3}$	30 $\frac{3}{8}$	N/A	5	2	1 $\frac{2}{3}$	39.7
3	080 RGX 1031	11 $\frac{1}{4}$	30 $\frac{7}{10}$	2 $\frac{1}{8}$	7 $\frac{7}{8}$	3	N/A	80.5
4	100 RGX 1031	11 $\frac{1}{4}$	30 $\frac{7}{10}$	2 $\frac{1}{8}$	8 $\frac{2}{3}$	4	N/A	79.4
6	150 RGX 1031	15 $\frac{9}{16}$	41 $\frac{7}{10}$	2 $\frac{1}{8}$	11	6	N/A	180.8
8	200 RGX 1031	17 $\frac{1}{2}$	41 $\frac{7}{10}$	2 $\frac{1}{8}$	13 $\frac{6}{16}$	8	N/A	227

Note: 2" valves have 2" NPT male inlet connections as standard.

Information subject to change without prior notice