

# ROSEDALE

INTRODUCES THE NEW

## Q MULTI-BAG HOUSING II



# NEW QII MULTI-BAG HOUSING

Introducing the Rosedale QII. Finally a quick access enclosure that truly is...quick! This new design employs a high-tech proprietary seal that seats precisely and insures a positive seal. Competitive models can "unseat the cover seal" during operation causing messy leaks. This is eliminated by the Rosedale QII design. The fast acting handwheel allows easy operation of the clamping mechanism and eliminates sticking of the clamp. The self-aligning design has no cams or parts that need field adjustment, and there is no wear on the clamp surface. The QII minimizes maintenance and improves productivity. The QII units meet ASME code requirements for 150 PSI ratings. Rosedale is an ISO 9000 facility.

## Features

- Permanently piped housings are opened without tools and without disturbing the piping
- Machined cover seal groove provides positive sealing
- Carbon steel, 304 or 316 stainless steel construction housings (wetted parts)
- Large-area, 30-inch deep, heavy-duty, 9/64-inch perforated baskets
- Easy to clean
- Low pressure drop
- Three cover seal materials: Buna N, Ethylene Propylene, and Viton®
- Pressure rating 150 psi
- Flanged connections for 2 through 10-inch pipe
- Vent, drain and gage connections
- Bag hold down assembly

## Options

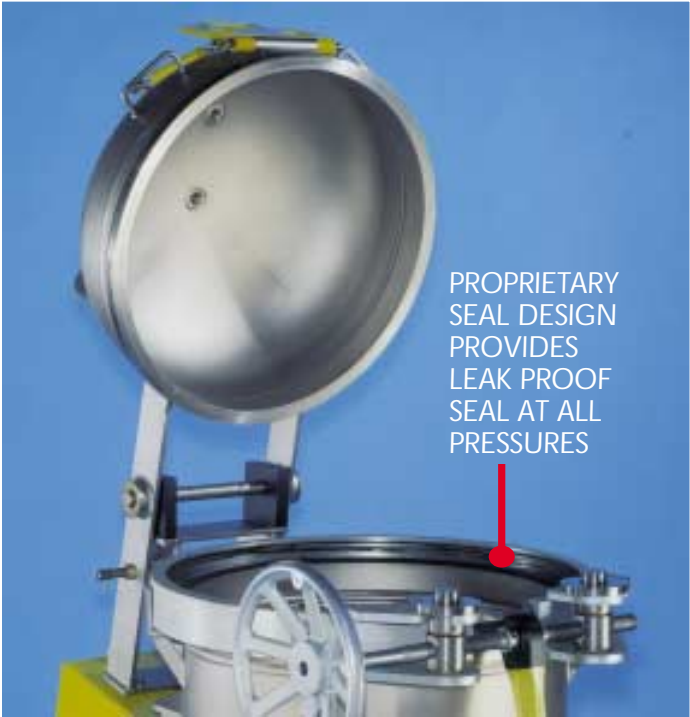
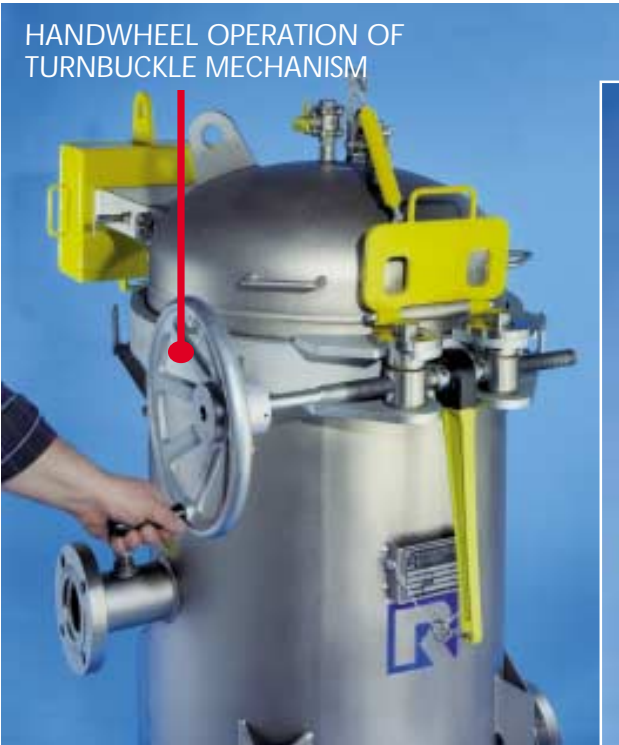
- ASME code stamp
- Steam jackets (body jacket only)
- Special connection locations
- Inner baskets for dual-stage straining or filtering
- Cleanable wire mesh lined or perforated strainer baskets
- Special alloy materials
- Sanitary fittings
- Bag or cartridge design
- Differential pressure indicators



## APPLICATIONS

- ▶ Automotive (paint, coatings, coolants)
- ▶ Chemical Processing and Petrochemical
- ▶ Pulp and Paper
- ▶ Process and Cooling Tower Water
- ▶ Food and Beverage
- ▶ Pharmaceutical Processing
- ▶ Any applications where standard designs are used

# WITH QUICK-ACCESS COVER



The **QII** Housing has Rosedale's fastest and easiest cover to remove. Its unique counter weight design make opening, closing, and change-out, fast, easy, and simple. It reduces element change-out time, lowering operating costs, improving productivity. Low profile designs are compact, eliminating platforms and providing easy access to bags or cartridges.

# R How To Order

Build an ordering code as shown in the example

**Example: Q36-30-4F-2-150-C-B-S-M-20-C**

**MODEL NO.**

16 = **Q16**    30 = **Q30**  
 18 = **Q18**    36 = **Q36**  
 22 = **Q22**    42 = **Q42**  
 24 = **Q24**    48 = **Q48**

**BASKET DEPTH**

15-in. = **15**  
 30-in. (std) = **30**

**PIPE SIZE (FLANGED<sup>1</sup>)**

2-in. (Model 16-48) = **2F**  
 3-in. (Model 16-48) = **3F**  
 4-in. (Model 22-48) = **4F**  
 6-in. (Model 30-48) = **6F**  
 8-in. (Model 36-48) = **8F**  
 10-in. (Model 42-48) = **10F**

**OUTLET STYLE**

Side inlet/outlet = **2**  
 Side inlet/outlet (same side) = **4**

**PRESSURE RATING**

150 psi (flanged) = **150**

**HOUSING MATERIAL**

Carbon steel = **C**  
 304 stainless steel = **S**  
 316 stainless steel = **S316**

**ASME CODE STAMP**

**C** = Code

**BASKET, MEDIA SIZE No symbol if type B basket was selected**

Perforation diameters (for type P baskets)  
**1/4, 3/16, 9/64, 3/32, 1/16**  
 Mesh sizes (for type M & BM baskets)  
**20, 30, 40, 50, 60, 70, 80, 100, 150, or 200**

**BASKET, TYPE**

**PB** = Filter bag basket, 9/64 perforations  
**P** = Strainer basket, perforated metal  
**BM** = Filter bag basket, perforated, mesh lined  
**M** = Strainer basket, perforated, mesh lined  
**HWM** = Filter bag basket, heavy wire mesh

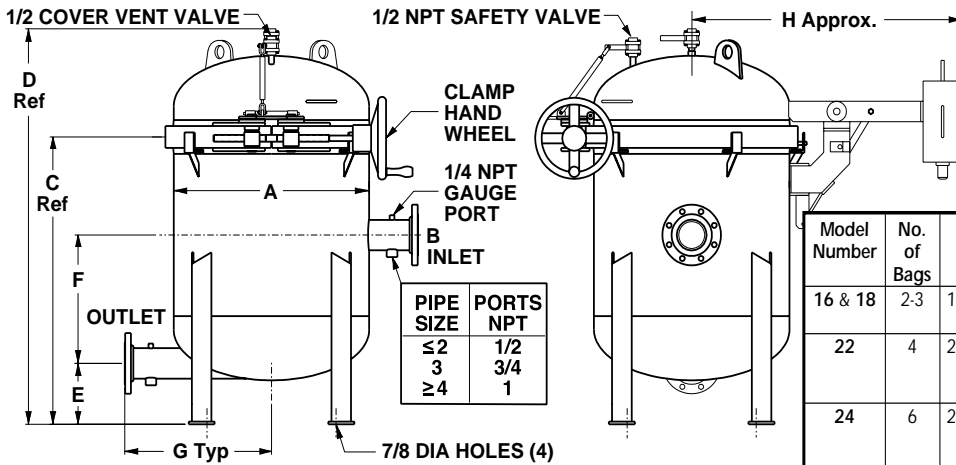
**BASKET SEAL**

**N** = No seal  
**S** = Seal (only on strainer housings)

**COVER SEAL**

**B** = Buna N  
**E** = Ethylene Propylene  
**V** = Viton®

1. Flanges provided with the housing match the pressure rating of the vessel.  
 Housings rated 150 psi have 150 class flanges.  
 Other styles and classes available.  
 ANSI B16.5 Pressure-Temperature rating tables determine flange class for ASME code housings. Consult factory.



Model Number	No. of Bags	Pipe Size	A	B	C	D	E	F	G	H	Leg Bolt Circle Dia
16 & 18	2-3	18.0	2	40.0	53.2	8.00	15.0	14.0	35.5	16.0	
		3	40.4	53.6	9.00	17.0	15.0				
22	4	24.0	2	41.5	56.2	8.00	15.0	16.0	35.5	22.0	
		3	41.9	56.6	9.00	17.0	17.0				
		4	41.4	56.1	9.00	19.0	18.0				
24	6	24.0	2	41.5	56.2	8.00	15.0	17.0	38.5	22.0	
		3	41.9	56.6	9.00	17.0	18.0				
		4	41.4	56.1	9.00	19.0	19.0				
30	8	30.0	2	43.0	59.2	8.00	15.0	20.5	41.5	28.0	
		3	43.4	59.6	9.00	17.0	21.0				
		4	42.9	59.1	9.00	19.0	22.5				
		6	42.9	59.1	10.00	17.0	23.0				
36	12	36.0	3	44.9	62.6	9.00	17.0	24.0	44.5	34.0	
		4	44.9	62.6	9.50	19.0	25.0				
		6	44.9	62.6	10.5	17.0	29.5				
		8	44.9	62.6	11.5	17.0	27.0				
42	17	42.0	4	46.4	65.6	9.5	19.0	28.0	47.5	40.0	
		6	46.4	65.6	10.5	17.0	28.0				
		8	46.4	65.6	11.5	17.0	29.5				
		10	46.3	65.5	12.5	17.0	30.0				
48	23	48.0	4	47.9	68.6	9.5	19.0	32.0	50.5	46.0	
		6	47.9	68.6	10.5	17.0	32.0				
		8	47.9	68.6	11.5	17.0	32.5				
		10	47.8	68.5	12.5	17.0	33.0				



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