



RH83 RePak® Series Filter Elements

High Collapse Replaceable Media Pack Elements

Features

- Collapse rating 200 psid (14 bar)
- Reusable center tube assembly
- 150 & 250 gpm (568 & 946 lpm) nominal flow rates
- Elements available with Glas-Tech® $\beta_{x(c)} \geq 1000$ media
- Optional DryPak™ moisture control media

Technical Data

Collapse Rating	200 psid (14 bar)
Operating Temperature	200°F (93°C) Maximum
Materials of Construction	
Reusable Center Tube:	Electroless Nickel Plated Steel or Zinc Plated Steel
Element End Caps:	Polyurethane

Technical Information

Proper fluid maintenance requires periodic replacement of filter elements to insure maximum contamination control. The RH83 Series Filter elements reusable center tube make them a cost effective replacement for PTI filter assemblies. RH83 Series elements provide high efficiency and maximum dirt holding capacity resulting in reduced system wear and downtime. A selection of proprietary media are offered to meet all of your filtration requirements. PTI filters are tested to the latest ISO standards for multipass efficiency testing.

Glas-Tech® High Performance Micro-Fiberglass Media

PTI's proven Glas-Tech® $\beta_{x(c)} \geq 1000$ micro-fiberglass media utilizes multi-layer construction for increased dirt-holding capacity and low pressure drop providing cost-effective contamination control for the most demanding applications. Glas-Tech® can be combined with DryPak™ media to provide particle and moisture protection.

*A more robust
and reliable
filter element*

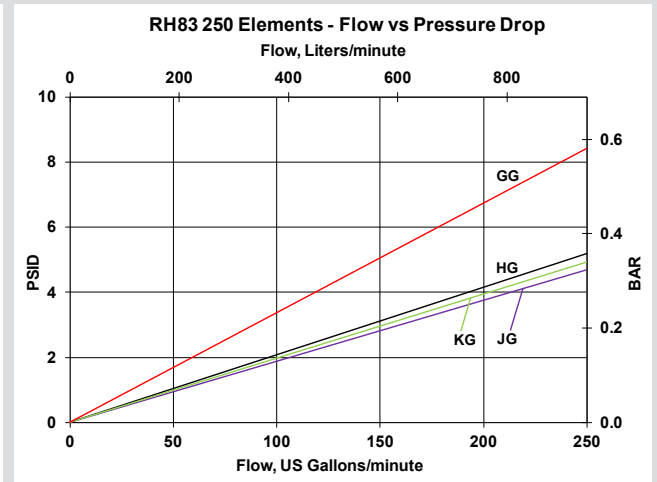
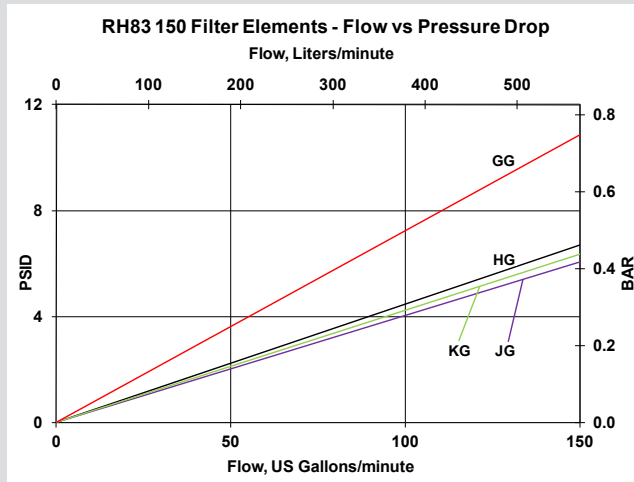


Elements

PTI filter elements are manufactured with the highest quality materials. PTI filter elements feature multi-layer construction for increased dirt-holding capacity and low pressure drop. PTI elements provide cost-effective contamination control for the most demanding applications. All elements are tested to the latest industry standards including ISO 16889 procedure for multipass efficiency testing.

Filtration Rating			
Multipass Test results per old ISO 4572 and new ISO 16889 test procedures			
Particle size (x) in microns at which the Beta Ratio (β) is greater than or equal to the indicated value (200 or 1000).			
Code	Per ISO 4572	Per ISO 16889	
	$\beta_x \geq 200$	$\beta_{x(c)} \geq 200$	$\beta_{x(c)} \geq 1000$
V	1 μ m	4.2 μ m	4.2 μ m
G	3 μ m	5 μ m	7 μ m
H	6 μ m	7 μ m	9 μ m
K	12 μ m	12 μ m	15 μ m
J	23 μ m	21 μ m	24 μ m

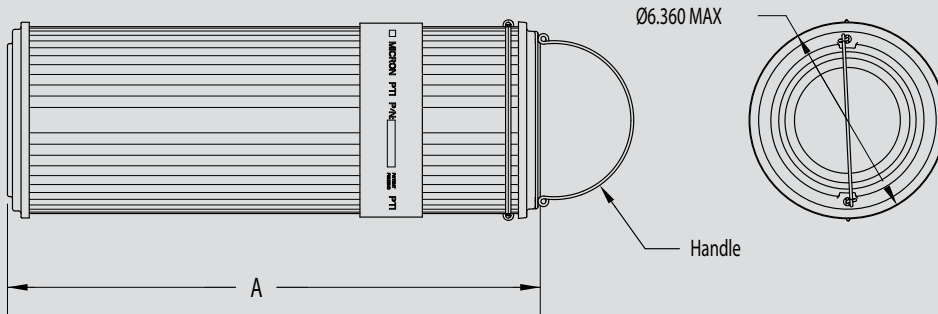
Flow Rate/Pressure Drop Curves



Pressure drop curves are for clean elements using 150 SUS (32 cSt) petroleum base hydraulic fluid of 0.9 S.G.
 Filter Assembly ΔP = Housing ΔP + Element ΔP

Dimensions*

* Dimensions in inches (mm)



Dimensions in inches (millimeters)

Element	Dimension A
RH83-150	17.50 (444.5)
RH83-250	35.60 (904.2)

Pack Assembly:



Table 1		Size
Code	Nominal Flow	
150	150 gpm (568 lpm)	
250	250 gpm (946 lpm)	

Table 2		Filtration Rating
Code	Micron Rating	Media
V	$\beta_{4.2(c)} \geq 1000$	Glas-Tech
G	$\beta_{7(c)} \geq 1000$	Glas-Tech
H	$\beta_{9(c)} \geq 1000$	Glas-Tech
K	$\beta_{15(c)} \geq 1000$	Glas-Tech
J	$\beta_{24(c)} \geq 1000$	Glas-Tech

Table 3		Options
Code	Option	
Omit	Standard Element	
W	DryPak™ Configuration	

Reusable Center
Tube Assembly:

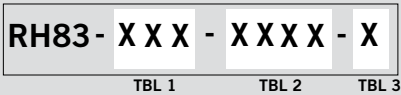


Table 1		Size
Code	Nominal Flow	Size
150	150 gpm (568 lpm)	16 inch
250	250 gpm (946 lpm)	39 inch

Table 2		Material
Code	Material	
CTA	Zinc Plated Steel	
CTAE	Electroless Nickel Plated Steel	

Table 3		Seal
Code	Size	
B	Buna	
V*	Viton®	

* Glas-Tech elements only
Viton® is a registered trademark of
DuPont Performance Elastomers.