

ALTERNATIVE ELEMENTS

Alternative Elements | Parker Hiross Range



Alternative filter elements have been independently tested in accordance with ISO 12500 to guarantee exceptional performance levels.

There is an alternative...

All alternative elements manufactured by Walker Filtration are designed to fit into original filter housings - providing a highly credible, reliable and energy efficient alternative.

Custom engineered media delivers outstanding filtration performance in both oil aerosol and particulate removal applications, whilst minimising differential pressure.



Advantage

Features and Benefits

- Deep bed pleated media provides greater dirt holding capacity
- Provides significantly more surface area
- Large open inlet enhances flow and reduces pressure differential across the element
- Maximum operating temperature of 120°C. Delivering a higher operating temperature than the original standard element
- Engineered to deliver outstanding filtration performance
- Custom polyester drainage layer with hydrophobic properties
- Lower differential pressure increases service life to improve energy saving
- Self-centralsing, easy, tie rod locators incorporated in design



Deep bed pleated media

provides significantly more surface area for particulate removal



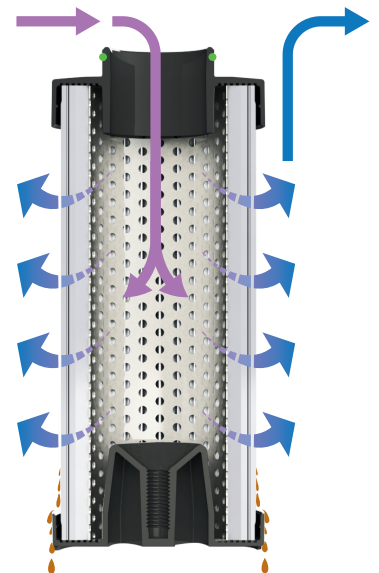
Customised materials

with hydrophobic and oleophobic drainage layer to improve coalescence



Increased top end cap opening

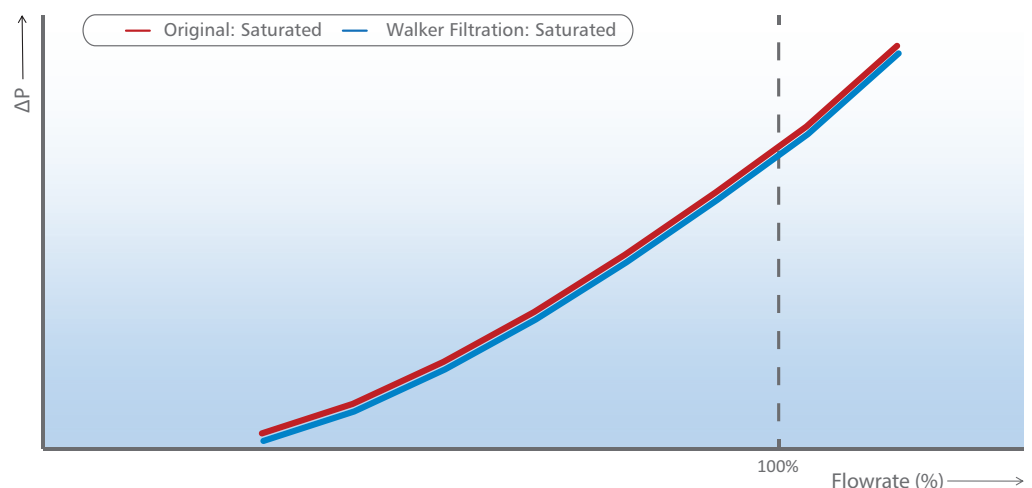
reduces differential pressure and provides optimised flow path



Grades X5, X1, XA and AC flows inside to out



Performance Analysis





Technical Specifications

Parker Hiross Alternative

Table shows original equipment performance claims as published by manufacturer (Parker domnick hunter). Walker Filtration Ltd. guarantees performance of alternative filter elements to be equal to or exceeding that of the original filter element when placed in service under identical conditions.

Grade	X5		X1		XA		AC	
Parker Domnick Hunter Grade	Q		P (General Purpose)		S (Oil Removal)		C (Activated Carbon)	
Particle removal	5 Micron		1 Micron		0.01 Micron		-	
Filter type	Coalescing		Coalescing		Coalescing		Oil Vapour & Odours	
Maximum oil carryover (21°C / 70°F)*	0.6 mg/m ³ 0.5 ppm(w)		0.6 mg/m ³ 0.5 ppm(w)		0.01 mg/m ³ 0.01 ppm(w)		<0.003 mg/m ³ <0.003 ppm(w)	
Pressure loss - clean and dry	~ 40 mbar	~ 40 mbar	~ 70 mbar	1 psi	~ 140 mbar	2 psi	~ 70 mbar	1.5 psi
Pressure loss - saturated (initial)	~ 140 mbar	~ 140 mbar	~ 140 mbar	2 psi	~ 200 mbar	3 psi	-	
Maximum temperature	100°C	100°C	100°C		100°C		30°C	

* Under normal operating conditions.
Elements should be changed every 12 months. In the case of AC, Elements should be changed when Oil Vapour or Odour is detected

Grade X5 - 5 Micron

Walker model	Replaces	
	1999	2000/01
H004 X5	4	10
H006 X5	6	10
H007 X5	7	16
H009 X5	9	16
H015 X5	15	22
H018 X5	18	22
H020 X5	20	22
H024 X5	24	30
H035 X5	35	45
H060 X5	60	72
H062 X5	62	72
H090 X5	90	135
H110 X5	110	135
H120 X5	120	205
H122 X5	122	135
H150 X5	150	250
H151 X5	151	205
H180 X5	180	250
H200 X5	200	260
H240 X5	240	280
H280 X5	280	280
H300 X5	300	300

Grade X1 - 1 Micron

Walker model	Replaces	
	1999	2000/01
H004 X1	4	10
H006 X1	6	10
H007 X1	7	16
H009 X1	9	16
H015 X1	15	22
H018 X1	18	22
H020 X1	20	22
H024 X1	24	30
H035 X1	35	45
H060 X1	60	72
H062 X1	62	72
H090 X1	90	135
H110 X1	110	135
H120 X1	120	205
H122 X1	122	135
H150 X1	150	250
H151 X1	151	205
H180 X1	180	250
H200 X1	200	260
H240 X1	240	280
H280 X1	280	280
H300 X1	300	300

Grade XA - 0.01 Micron

Walker model	Replaces	
	1999	2000/01
H004 XA	4	10
H006 XA	6	10
H007 XA	7	16
H009 XA	9	16
H015 XA	15	22
H018 XA	18	22
H020 XA	20	22
H024 XA	24	30
H035 XA	35	45
H060 XA	60	72
H062 XA	62	72
H090 XA	90	135
H110 XA	110	135
H120 XA	120	205
H122 XA	122	135
H150 XA	150	250
H151 XA	151	205
H180 XA	180	250
H200 XA	200	260
H240 XA	240	280
H280 XA	280	280
H300 XA	300	300

Grade AC

Walker model	Replaces	
	1999	2000/01
H004 AC	4	10
H006 AC	6	10
H007 AC	7	16
H009 AC	9	16
H015 AC	15	22
H018 AC	18	22
H020 AC	20	22
H024 AC	24	30
H035 AC	35	45
H060 AC	60	72
H062 AC	62	72
H090 AC	90	135
H110 AC	110	135
H120 AC	120	205
H122 AC	122	135
H150 AC	150	250
H151 AC	151	205
H180 AC	180	250
H200 AC	200	260
H240 AC	240	280
H280 AC	280	280
H300 AC	300	300