



Alternative Elements

Alternative Elements | Parker dh Advantage and Evolution 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.



Deep bed pleated media

provides significantly more surface area for particulate removal



Customised materials

with hydrophobic and oleophobic drainage layer to improve coalescence



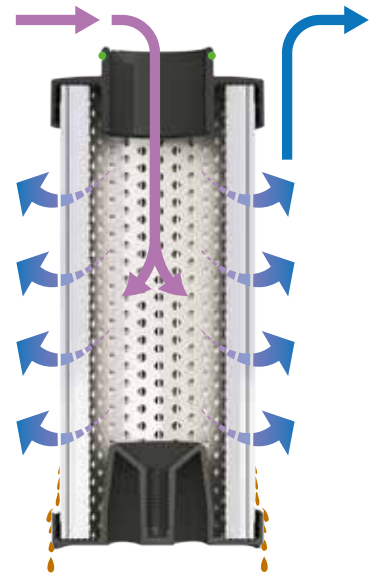
Increased top end cap opening

reduces differential pressure and provides optimised flow path

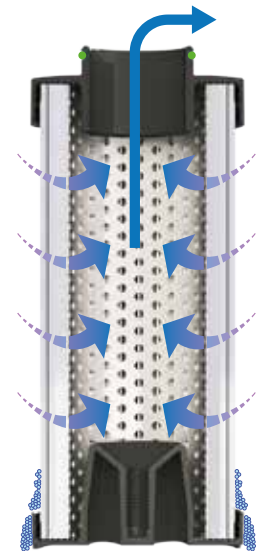
Advantage

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-centralising, easy, tie rod locators incorporated in design

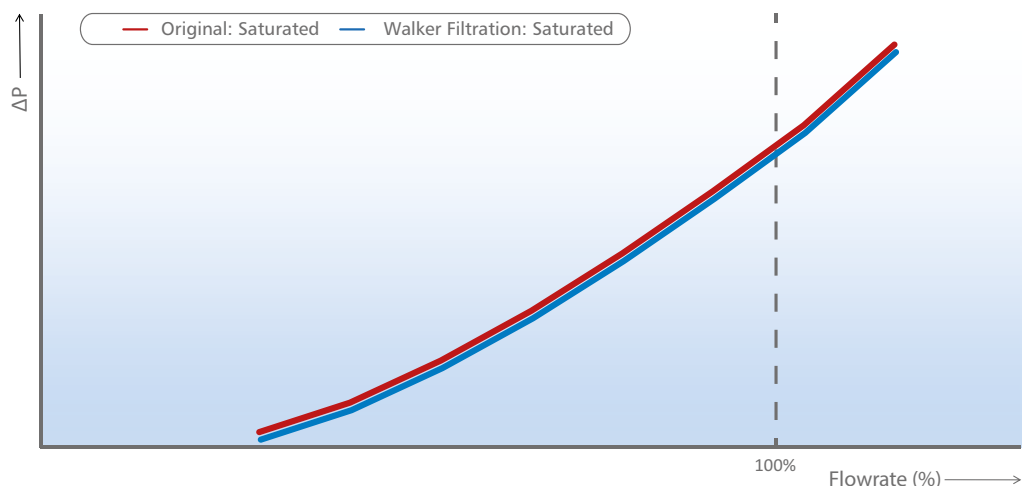


Grades PX1 and PXA, flows inside to out



Dust Grades PRX1 and PRXA, flows outside to in

Performance Analysis

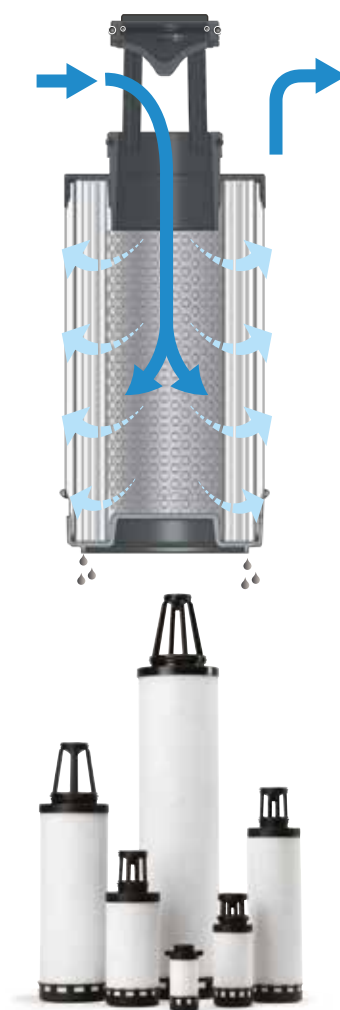


The Eco Friendly Alternative

Evolution

Features and Benefits

- Internal and external O-rings ensuring complete operation use of the original differential pressure gauge
- Unique top end cap provides an optimum flow path and allows complete operational use of the original differential pressure gauge
- Large open inlet enhances flow and reduces differential pressure
- No support arms provides a clear airflow, lowering pressure drop
- Deep pleated media provides greater dirt holding capacity
- Self-centralsing bottom end cap secures element in place
- Drainage apertures for reduced wet band
- Breaker rim protects drain from oil contamination



Top end cap
provides an optimum flow path, reducing system operating costs.

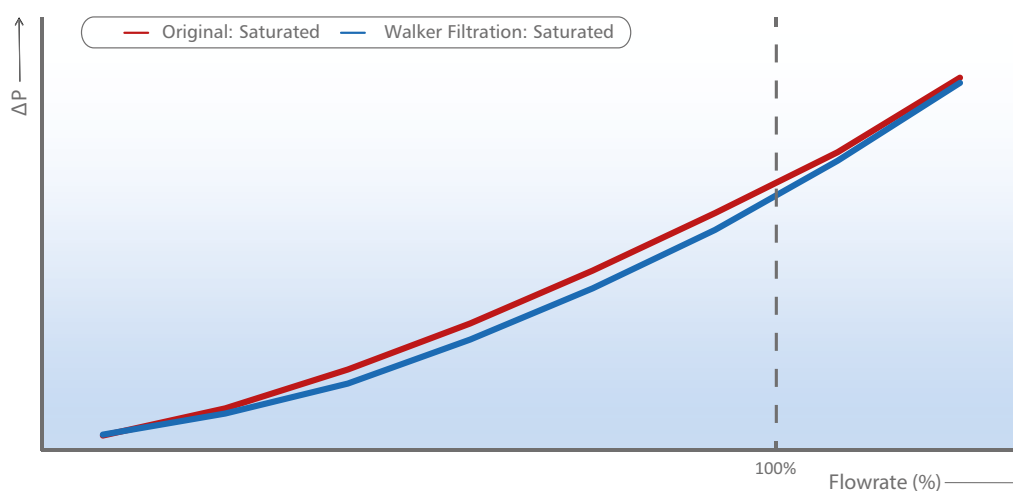


Deep bed pleated media
provides significantly more surface area and greater dirt holding capacity.



Bottom end cap
apertures enhance wet band drainage.

Performance Analysis





Technical Specifications

Advantage 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	PX1		PXA		PRX1		PRXA		ACS	
Parker domnick hunter grade	AO		AA		AR		AAR		ACS	
Particle removal	1 Micron		0.01 Micron		1 Micron		0.01 Micron		-	
Filter type	Coalescing		Coalescing		Dry Particulate		Dry Particulate		Oil Vapour & Odours	
Maximum oil carryover (21°C/70°F)*	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	~ 70 mbar	1 psi	~ 140 mbar	2 psi	~ 70 mbar	1 psi	~ 100 mbar	1.5 psi	~ 70 mbar	1.5 psi
Pressure loss - saturated (initial)	~ 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 ACS, Elements should be changed when oil vapour or odour is detected

Grade PX1 - 1 Micron

Walker model	Replaces
D009 PX1	K009AO
D017 PX1	K017AO
D030 PX1	K030AO
D058 PX1	K058AO
D145 PX1	K145AO
D220 PX1	K220AO
D330 PX1	K330AO
D430 PX1	K430AO
D620 PX1	K620AO

Grade PXA - 0.01 Micron

Walker model	Replaces
D009 PXA	K009AA
D017 PXA	K017AA
D030 PXA	K030AA
D058 PXA	K058AA
D145 PXA	K145AA
D220 PXA	K220AA
D330 PXA	K330AA
D430 PXA	K430AA
D620 PXA	K620AA

Grade PRX1 - 1 Micron

Walker model	Replaces
D009 PRX1	K009AR
D017 PRX1	K017AR
D030 PRX1	K030AR
D058 PRX1	K058AR
D145 PRX1	K145AR
D220 PRX1	K220AR
D330 PRX1	K330AR
D430 PRX1	K430AR
D620 PRX1	K620AR

Grade PRXA - 0.01 Micron

Walker model	Replaces
D009 PRXA	K009AAR
D017 PRXA	K017AAR
D030 PRXA	K030AAR
D058 PRXA	K058AAR
D145 PRXA	K145AAR
D220 PRXA	K220AAR
D330 PRXA	K330AAR
D430 PRXA	K430AAR
D620 PRXA	K620AAR

Grade ACS - Activated carbon

Walker model	Replaces
D009 ACS	K009ACS
D017 ACS	K017ACS
D030 ACS	K030ACS
D058 ACS	K058ACS
D145 ACS	K145ACS
D220 ACS	K220ACS
D330 ACS	K330ACS
D430 ACS	K430ACS
D620 ACS	K620ACS

Evolution 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	EX1		EXA		ERX1		ERXA		EACS	
Parker domnick hunter grade	AO		AA		AR		AAR		ACS	
Particle removal	1 Micron		0.01 Micron		1 Micron		0.01 Micron		-	
Filter type	Coalescing		Coalescing		Dry Particulate		Dry Particulate		Oil Vapour & Odour	
Maximum oil carryover (21°C/70°F)*	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	< 70 mbar	1 psi	< 140 mbar	2 psi	< 70 mbar	1 psi	< 140 mbar	2 psi	< 200 mbar	3 psi
Pressure loss - saturated (initial)	< 140 mbar	2 psi	< 200 mbar	3 psi	-	-	-	-	-	
Maximum temperature	100°C		100°C		100°C		100°C		50°C	

* Under normal operating conditions.

Elements should be changed every 12 months. In the case of ACS, Elements should be changed when oil vapour or odour is detected

Grade EX1 - 1 Micron

Walker model	Replaces
D005 EX1	005AO
D010 EX1	010AO
D015 EX1	015AO
D020 EX1	020AO
D025 EX1	025AO
D030 EX1	030AO
D035 EX1	035AO
D040 EX1	040AO
D045 EX1	045AO
D050 EX1	050AO
D055 EX1	055AO
D060 EX1	060AO
D100 EX1	100AO

Grade EXA - 0.01 Micron

Walker model	Replaces
D005 EXA	005AA
D010 EXA	010AA
D015 EXA	015AA
D020 EXA	020AA
D025 EXA	025AA
D030 EXA	030AA
D035 EXA	035AA
D040 EXA	040AA
D045 EXA	045AA
D050 EXA	050AA
D055 EXA	055AA
D060 EXA	060AA
D100 EXA	100AA

Grade ERX1 - 1 Micron

Walker model	Replaces
D005 ERX1	005AR
D010 ERX1	010AR
D015 ERX1	015AR
D020 ERX1	020AR
D025 ERX1	025AR
D030 ERX1	030AR
D035 ERX1	035AR
D040 ERX1	040AR
D045 ERX1	045AR
D050 ERX1	050AR
D055 ERX1	055AR
D060 ERX1	060AR
D100 ERX1	100AR

Grade ERXA - 0.01 Micron

Walker model	Replaces
D005 ERXA	005AAR
D010 ERXA	010AAR
D015 ERXA	015AAR
D020 ERXA	020AAR
D025 ERXA	025AAR
D030 ERXA	030AAR
D035 ERXA	035AAR
D040 ERXA	040AAR
D045 ERXA	045AAR
D050 ERXA	050AAR
D055 ERXA	055AAR
D060 ERXA	060AAR
D100 ERXA	100AAR

Grade EACS - Activated Carbon

Walker model	Replaces
D005 EACS	005ACS
D010 EACS	010ACS
D015 EACS	015ACS
D020 EACS	020ACS
D025 EACS	025ACS
D030 EACS	030ACS
D035 EACS	035ACS
D040 EACS	040ACS
D045 EACS	045ACS
D050 EACS	050ACS
D055 EACS	055ACS
D060 EACS	060ACS
D100 EACS	100ACS