

# OIL-Xplus ADVANTAGE

with domnick hunter technology



## Replacement elements for the Parker domnick hunter OIL-Xplus compressed air filter housings

Compressed air filter elements are designed to remove oil and water in liquid and aerosol state, atmospheric dirt and solid particulate.

The Parker domnick hunter OIL-Xplus elements have been proven and trusted for many years, delivering continuous high quality compressed air. The design of the **OIL-Xplus ADVANTAGE** element has been modified to now include pleated media construction and improved drainage material.

Pleated media construction reduces the differential pressure over the elements service life, reducing operational costs. Changes to the materials of construction of the element, increases the operating parameters of the standard replacement element.



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## Product Features:

- **Lowest total cost of ownership**
- **Energy savings of 49% over the original OIL-Xplus element**
- **Lower environmental impact reducing CO<sub>2</sub> emissions**
- **Guaranteed continuous air quality**
- **Design to be retrofitted into original OIL-Xplus filter housing**
- **Replaces standard AO, AA and AO-TS, AA-TS grade elements**
- **Maximum operating temperature 100°C**

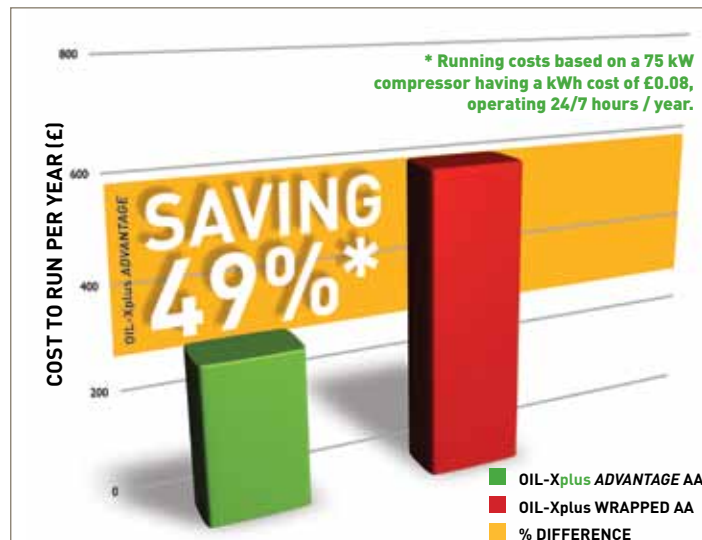


Lowest Carbon Footprint

## Energy efficiency and low lifetime costs

Any restriction to air flow within a filter housing and element will reduce the system pressure. To generate compressed air, large amounts of electrical energy are consumed, therefore the pressure losses within the system can be directly converted into a cost for wasted energy. The higher the pressure loss, the higher the energy cost.

## New pleated versus wrapped filter elements



Lower  $\Delta p$  = lower energy costs = reduced CO<sub>2</sub> emissions

### Element cross reference list

Replacement element kit	
To fit filter housing code	Filter element code**
(grade) 0006G/0009G	K009 (grade)
(grade) 0013G/0017G	K017 (grade)
(grade) 0025G/0030G	K030 (grade)
(grade) 0040G/0058G	K058 (grade)
(grade) 0065G/0080G	K145 (grade)
(grade) 0085G/0125G	K145 (grade)
(grade) - /0145G	K145 (grade)
(grade) 0170G/0205G	K220 (grade)
(grade) 0195G/0220G	K220 (grade)
(grade) 0295G/0330G	K330 (grade)
(grade) 0375G/0405G	K430 (grade)
(grade) 0400G/0430G	K430 (grade)
(grade) 0500G/0620G	K620 (grade)
(grade) 0900G/1000G	K330 (grade) x 3

### Packed dimensions and weights

Dimensions (mm) & weights (g)	
Length x Width x Height	Weight
85 x 50 x 50	60
105 x 57 x 57	120
165 x 57 x 57	160
185 x 83 x 83	300
285 x 83 x 83	420
285 x 83 x 83	420
285 x 83 x 83	420
400 x 92 x 92	700
400 x 92 x 92	700
650 x 92 x 92	1050
430 x 140 x 140	1100
430 x 140 x 140	1100
650 x 140 x 140	2050
650 x 92 x 92 (x3)	1050 (x3)

### Materials of construction Grades AO & AA

Component	Material(s)
Top Endcap	Glass Filled Nylon
Bottom Endcap	Glass Filled Nylon
'O' Rings	High Nitrile Rubber
Cylinders	Stainless Steel
Filter Media	Borosilicate Glass Nanofibres
Anti Re-Entrainment Barrier	Polyester
Adhesive	Epoxy Resin

Applies to grades AO and AA only

Minimum recommended operating temperature 1.5°C (35°F)

Maximum recommended operating temperature 100°C (212°F)

## \*\*Filtration Grades:

### GRADE AO

#### General Purpose Coalescing & Particulate Filtration

Particle removal down to: 1 micron, including water and oil aerosols.

Maximum remaining oil aerosol content: 0.6mg/m<sup>3</sup> at 21°C / 0.5 ppm(w) at 70°F.

### GRADE AA

#### High Efficiency Coalescing & Particulate Filtration

(Precede with Grade AO filter)

Particle removal down to: 0.01 micron, including water and oil aerosols.

Maximum remaining oil aerosol content : 0.01 mg/m<sup>3</sup> at 21°C / 0.01 ppm(w) at 70°F.

### GRADE AR - (use Grade AO element)

#### General Purpose Particulate Filtration

Dry particle removal down to : 1 micron.

### GRADE AAR - (use Grade AA element)

#### High Efficiency Particulate Filtration

Dry particle removal down to 0.01 micron.