



12AS & 50AS Coreless Spin-on Filters

RIP-0053
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The Smart
Alternative to Spin-on Cans!

Parker engineers have developed an innovative alternative to the age old spin-on style can. This new design provides all of the benefits of high efficiency, long life Microglass III filtration, without the environmental impact.

Applications:

- ✓ Mobile equipment OEMs
- ✓ Compressor manufacturers
- ✓ Hydraulic power unit builders
- ✓ *Anywhere that outdated spin-ons are being used!*



The patented 12AS & 50AS coreless spin-on filters come in a variety of sizes to meet your specific application need.



Why consider a change?

- ☠ Over 500,000,000 spin-on cans are disposed of each year in landfills in North America!
- ☠ 250,000 **tons** of scrap metal!
- ☠ 30,000,000 **gallons** of discarded residual waste oil!
- ☠ Expensive disposal costs!

The new environmentally-friendly 12AS and 50AS hydraulic filters feature a reusable bowl and a patented filter element constructed primarily of nylon and fiberglass. The element core is permanently attached as part of the filter bowl. When replaced, the element reduces costs, eliminates hot drain requirements, can be easily incinerated, and is better-suited for most landfills.

The 500 psi filters are rated up to 50 gpm, with premium Ecoglass III elements as standard offerings. The patented element design also prevents filter operation if the proper element is not in place.



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Low Pressure Filters
12AS & 50AS Coreless Spin-on Filters

Specifications

Pressure Ratings:

Maximum Allowable Operating Pressure (MAOP):
 500 psi (34.5 bar)
 Fatigue: 400 psi (27.6 bar) 1,000,000 cycles: 0-400 psi
 Static Burst: 1,513 psi (104.3 bar)

Operating Temperatures:

Fluorocarbon: -15°F to 275°F
 (-26°C to 135°C)

Element Burst Rating:

150 psid (10.3 bar)

Element Condition Indicators:

Gauge: 0-60 psi color coded (green, orange, red)
 Pressure Switch: normally open, 20 ± 2 psi, 5A @ 24 VDC

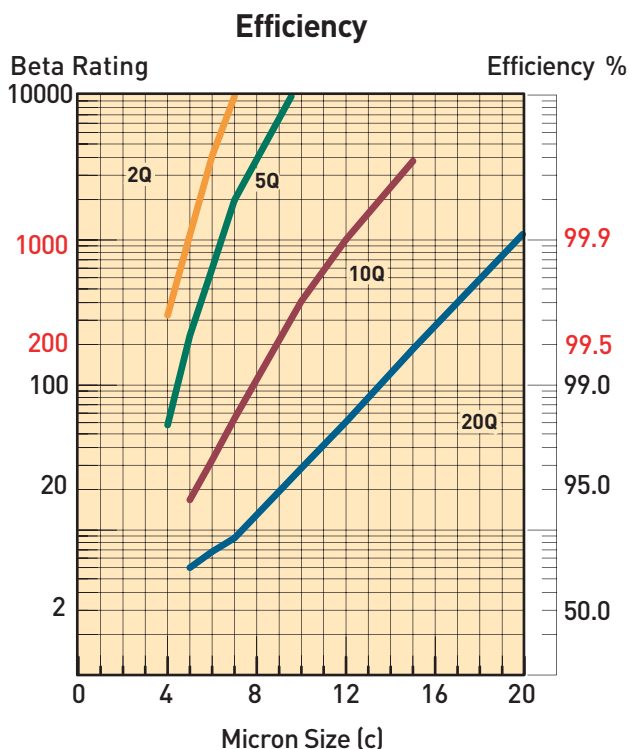
Materials:

Head: die cast aluminum
 Bypass valve: nylon with aluminum spring
 Filter element: fiberglass and polyester with nylon endcaps
 Bowl: steel
 Permanent core: steel

Weights (approximate):

12AS-1 2 lbs. (0.9 kg)
 12AS-2 3 lbs. (1.4 kg)
 50AS-1 6 lbs. (2.7 kg)
 50AS-2 8 lbs. (3.6 kg)

12AS & 50AS Element Performance



HOW TO ORDER:

Select the desired symbol (in the correct position) to construct a model code.

Example:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8
12AS	1	10QE	V	P	G	S12	N

Box 1: Filter Series	
Symbol	Description
12AS	Coreless Spin-on (15 gpm max.)
50AS	Coreless Spin-on (50 gpm max.)

Box 2: Element Length	
Symbol	Description
1	Single
2	Double

Box 3: Media Code	
Symbol	Description
02QE	Ecoglass III, 2 micron
05QE	Ecoglass III, 5 micron
10QE	Ecoglass III, 10 micron
20QE	Ecoglass III, 20 micron

Box 4: Seals	
Symbol	Description
V	Fluorocarbon

Box 5: Indicator*	
Symbol	Description
P	1/8" NPT gauge port locations (4) drilled, tapped and plugged.

*Indicators ordered separately.

Box 6: Bypass	
Symbol	Description
G	25 psid (1.7 bar)
K	50 psid (3.5 bar)

Box 7: Port	
Symbol	Description
12AS	
S12	SAE-12
N12	3/4" NPT
50AS	
S20	SAE-20
N20	1 1/4" NPT

Box 8: Options	
Symbol	Description
N	None

* Indicator Parts List	
Description	Part Number
Pressure gauge	936912
Pressure switch	926923