

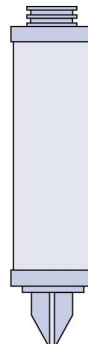
**Technical data /
Code numbers
(absolute filters)**

The Danfoss filter product range includes different types of main filter elements, all fulfilling the minimum requirement of 10 µ absolute with a Beta value > 5000.

One filter element end has an O-ring seal, and the other end has a closed cap, which has a different design depending on the specific filter type.



Type 1,2,3,4,5,6 and 7



Type 8



Type 9



Single O-ring located inside element, other end flat closed

Two O-rings located externally on element, other end with spear

Two O-rings located externally on element, other end flat closed

Filter element	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Type 8	Type 9
Element length	5" (127 mm)	5" (127 mm)	5" (127 mm)	10" (254 mm)	20" (508 mm)	20" (508 mm)	20" (508 mm)	20" (508 mm)	40" (1016 mm)
Filtration level (Beta > 5000)	2,5 µ abs	5 µ abs	10 µ abs	10 µ abs	5 µ abs	10 µ abs	10 µ abs	10 µ abs	10 µ abs
Max flow (l/min)	15	15	15	30	60	60	170	170	300
Max flow (m³/h)	0,9	0,9	0,9	1,8	3,6	3,6	10,2	10,2	18,0
Max flow (gpm)	4	4	4	7,9	15,6	15,6	44,9	44,9	79,3
Element inner diameter	1.06" (27 mm)	1.06" (27 mm)	1.06" (27 mm)	1.06" (27 mm)	1.06" (27 mm)	1.06" (27 mm)	1.8" (46 mm)	1.8" (46 mm)	1.8" (46 mm)
Element outer diameter	2.75" (70 mm)	2.75" (70 mm)	2.75" (70 mm)	2.75" (70 mm)	2.75" (70 mm)	2.75" (70 mm)	4.5" (115 mm)	4" (102 mm)	6.5" (165 mm)
Effective surface	3 sq.ft. (0.28 m²)	3 sq.ft. (0.28 m²)	3 sq.ft. (0.28 m²)	6 sq.ft. (0.55 m²)	12 sq.ft. (1.1 m²)	12 sq.ft. (1.1 m²)	26 sq.ft. (2.45 m²)	19 sq.ft. (1.8 m²)	194 sq.ft. (18 m²)
Max differential pressure at 75°F (24°C)	58 psi (4 bar)	58 psi (4 bar)	58 psi (4 bar)	58 psi (4 bar)	58 psi (4 bar)	58 psi (4 bar)	43.5 psi (3.0 bar)	43.5 psi (3.0 bar)	43.5 psi (3.0 bar)
Max operating temperature	122°F (50°C)	122°F (50°C)	122°F (50°C)	122°F (50°C)	122°F (50°C)	122°F (50°C)	122°F (50°C)	122°F (50°C)	122°F (50°C)
Materials	Element	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
	End caps	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
	Seals	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N
Code number	180N1443	180N1442	180Z0037	180X5225	180Z0019	180Z0006	180Z0285	180Z0083	180Z0011

**Replacement of
filter element**

At a differential pressure of 2.0 bar (29 psi) the filter element has reached its dirt capacity.