

# DfYŹŹŹf; 8D!D

H\Y dfYŹŹŹf Zcf H.Y fYa cj U`cZgc`X VčbHua ]bUbhg`]b [ UgYg"

H\Y; 8D!D dfYŹŹŹf VčbH]bg H.Y`][ \`dcfci gžg]bHfYX dc`mYH.mYbY ŹŹŹf a YX]i a "

9j Yb Ź]bYghXi ghidUfh]VWg`UbX`cH.Yf VčbHua ]bUbhg`]b Vča dfYggYX`U]f`UbX` [ UgYg`UFY VY]b[ `fYa cj YX`YZYVWj Y`micb H.Y`gi fZUV`UbX`]b H.Y`XYdH`cZH.Y`ŹŹŹf a YX]i a "

## 7\UFUWVf]gh]Vg

6mi h]g]b[ j Uf]ci g ŹŹŹfU]cb`a YVU]ga g`gi VV`Ug`X]fYVH ]a dUVH`UbX`g]Yj Y`YZYVH` VčbHua ]bUbhg`Xck b`H`H.Y`g]hY`cZ &) Ša`dUfh]VWgž`UFY VY]b[ `fYU]bYX`]b H.Y`ŹŹŹf"

## 5dd`]W]h]cbg

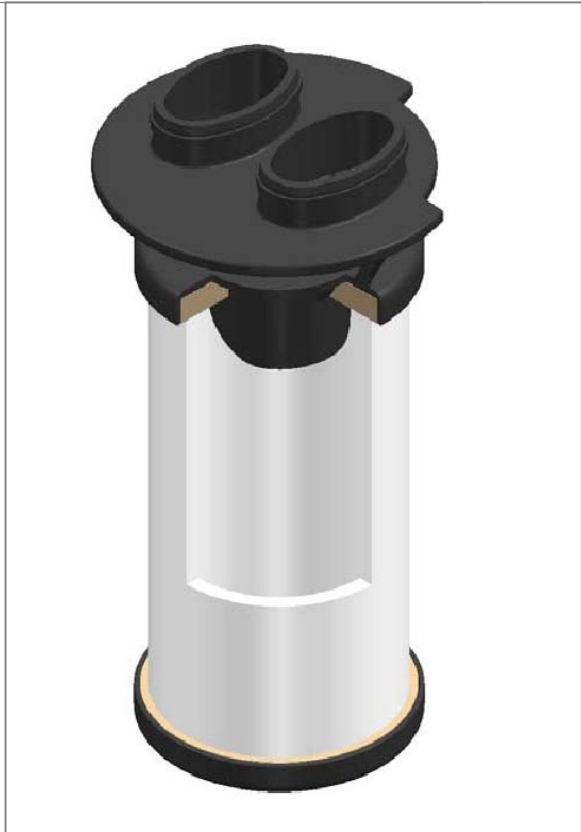
H\Y; 8D!D dfYŹŹŹf]g`Zcf YI Ua d`Y`VY]b[ i h]gYX`]b H.Y`Z`ck ]b[ `]bXi g]f]Yg.

"DUfh]VW`ŹŹŹfU]cb`Xck bghfYUa`VH`Vcb]WgYdUfU]h]cf]g

"7 YbHfU`dfY! ŹŹŹfU]cb`]b Vča dfYggcf`g]h]h]cbg

"F Ya cj U`cZ`Uf] Yf`Ua ci bh]cZVčbXYbgUHY

"DfY! ŹŹŹf`i dg]fYUa`ŹŹŹf [ fUXYg`A`UbX`G



Element Type	Flowrate at 7 bar g m³/h *
0045	45
0085	85
0140	140
0240	240
0350	350
0510	510
0680	680
0860	860
1200	1200

**Sizing example for pressure which deviates from nominal pressure:**  
 $\dot{V}_{nom} = 350 \text{ m}^3/\text{h}$ , operating pressure = 9 bar (g)

$$\dot{V}_{corr} = \frac{\dot{V}_{nom}}{f_p}$$

$$\dot{V}_{corr} = \frac{350 \text{ m}^3/\text{h}}{1.25} = 280 \text{ m}^3/\text{h}$$

**Calculated Size: Type 0350**  
 \* m³/h related to 1 bar abs. and 20°C

Operating Pressure bar g	Pressure conversion factor f <sub>p</sub>
1	0.25
2	0.38
3	0.50
4	0.63
5	0.75
6	0.88
7	1.00
8	1.13
9	1.25
10	1.38
11	1.50
12	1.63
13	1.75
14	1.88
15	2.00
16	2.13



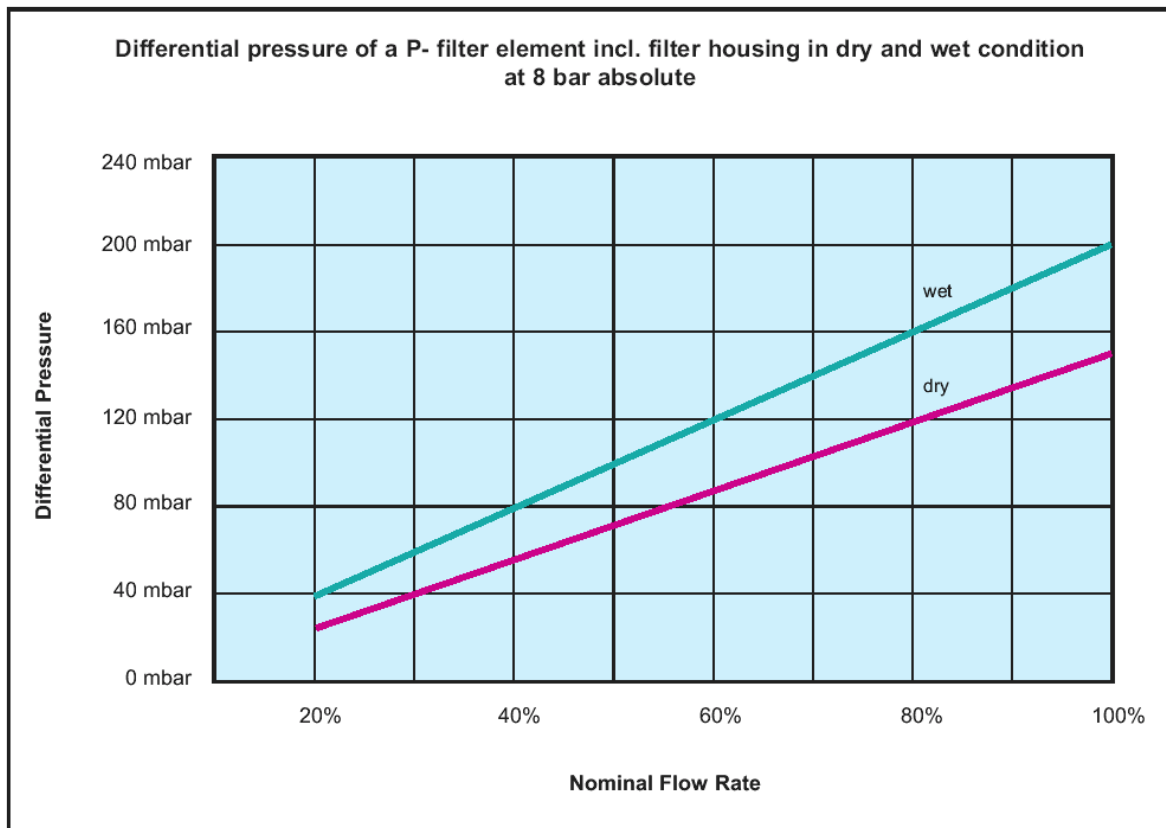
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# Technical Data

Features:	Benefits:
Void volume: porosity grade 45%	High dirt holding capacity: lower differential pressure
Removal of contaminants down to 25 µm	Guaranteed retention grade
Regenerative	Economical, longer service life time

Materials :	
Filter medium	Pure, high molecular Polyethylene
Bonding	Polyurethane
End caps	GRP
O-Rings	Viton: silicone free and free of compound (Standard)

Particle retention rate related to 25 µm	Oil retention rate acc. to ISO 12500-1	Residual oil content at an inlet concentration of	
			10 mg/Nm <sup>3</sup>
$\eta (P) = 100\%$	$\eta (P) = 90\%$	$m_{oil} (P) [mg/Nm^3]$	1



For additional information please contact Gardner Denver or your local representative.

## Gardner Denver

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