

NTF Filter bv  
 Kiotoweg 47  
 3047 BG Rotterdam  
 The Netherlands  
 Phone: +31-10 313 8300  
[www.ntf-filter.com](http://www.ntf-filter.com)  
[info@ntf-filter.com](mailto:info@ntf-filter.com)



TECHNICAL SPECIFICATIONS NTF AL-SERIES BYPASS FILTERS				
Part number filter elements	02-F-09-A	02-F-19-A	02-F-29-A	02-F-58-A
Part number corresponding filter systems	01-AL-09-A	01-AL-19-A	01-AL-29-A	01-AL-58-A
Filter media	CELLULOSE	CELLULOSE	CELLULOSE	CELLULOSE
Flow direction	RADIAL	RADIAL	RADIAL	RADIAL
Filter efficiency (multipass test ISO 16889:1999)	(β)4>10649	(β)4>10650	(β)4>10651	(β)4>10652
Dirt holding capacity ISO MTD - multipass test dust (grams)	3	6	9,9	19,8
Water absorption	45 ml H <sub>2</sub> O	90 ml H <sub>2</sub> O	142 ml H <sub>2</sub> O	284 ml H <sub>2</sub> O
Flow rate (lpm)	1,6	1,6	1,6	1,6
<b>flow rate is restricted by 1,6mm restriction in the outlet of the bypass filter system</b>				
Dimensions filter element (mm)	78x90	78x180	78x300	78x600
Weight filter elements (grams)	160	300	460	920
Dimensions filter system (mm)	110x110x144	110x110x234	110x110x354	110x110x654
Weight filter system (KG)	1,5	2,2	3,2	6,4
Volume filter system (liter)	0,62	1,13	1,6	3,2
Max. pressure filter system (bar)	7	7	7	7
Pressure drop over filter element @ 40 Celcius, 46 Cst and 1,6 lpm (bar)	0,34	0,68	1,13	0,57
Pressure drop over filter element @ 60 Celcius, 22 Cst and 1,6 lpm (bar)	0,16	0,32	0,54	0,27
Pressure drop over filter element @ 100 Celcius, 7 Cst and 1,6 lpm (bar)	0,05	0,10	0,17	0,09
Indication of element life time based on experience (hours)		750	1200	