

# OFL Series Flanged Compressed Air Filters



OFL F Series (18-500 m<sup>3</sup>/min) ■ OFL-HG Series

FLANGED COMPRESSED AIR FILTERS (X-Y-P-A ELEMENT MODELS)

MODEL	Capacity		Connection Size
	m <sup>3</sup> /min	m <sup>3</sup> /h	
OFL 1100 F	18.33	1100	DN50
OFL 1900 F	31.66	1900	DN50
OFL 2500 F	41.66	2500	DN80
OFL 3200 F	53.33	3200	DN100
OFL 4300 F	71.66	4300	DN100
OFL 6500 F	108.33	6500	DN150
OFL 8500 F	141.66	8500	DN150
OFL 11000 F	183.33	11000	DN200
OFL 14000 F	233.33	14000	DN200
OFL 17000 F	283.33	17000	DN250
OFL 21000 F	350.00	21000	DN250
OFL 25500 F	425.00	25500	DN300
OFL 30000 F	500.00	30000	DN300

MODEL	16-40 Bar		Connection Size
	Capacity		
	m <sup>3</sup> /min	m <sup>3</sup> /h	
OFL 100HG	1.66	100	1/4"
OFL 300HG	5.00	300	1/2"
OFL 600HG	10.00	600	3/4"
OFL 850HG	14.16	850	1"
OFL 1200HG	20.00	1200	1"
OFL 1600HG	26.66	1600	1 1/2"
OFL 2500HG	41.66	2500	2"
OFL 3000HG	50	3000	2 1/2"

40-350 Bar			
OFL 100HHG	1.66	100	1/4"
OFL 300HHG	5.00	300	1/2"
OFL 600HHG	10.00	600	3/4"
OFL 850HHG	14.16	850	1"
OFL 1200HHG	20.00	1200	1"
OFL 1600HHG	26.66	1600	1 1/2"
OFL 2500HHG	41.66	2500	2"
OFL 3000HHG	50.00	3000	2 1/2"

Correction Factors for Line Filters									
Working Pressure (barg)	1	3	5	7	9	11	13	15	16
PSIG	15	44	73	100	131	160	189	218	247
Correction Factor	0.5	0.71	0.87	1	1.12	1.22	1.32	1.44	1.57

Correction Formula: Filter Capacity x Correction Factor Corresponding to Working Pressure

Technical Specifications	Pre Filter	General Purpose	Oil Removal	Activated Carbon
Grade	P	X	Y	A
Particle Removal (Micron)	5	1	0,01	0,01
Max. Oil Carryover at 21 °C (mg/m)	5	0,5	0,01	0,03
Max. Working Temperature (°C)	80	80	80	25
Max. Working Temperature	16	16	16	16
Initial Pressure Loss (mbar)	40	80	100	80
Pressure Loss for Element Change (mbar)	700	700	700	700