

Oil mist contaminates the air supply and can ruin plant equipment. Removing oil-mist, and particles will protect your plant equipment and improve your product quality. To eliminate these problems Mikropor recommends our G-ELM Mist Eliminator Air Filters.

The G-ELM series is designed to remove oil mist from compressed air by using a coalescing filter. When wet/oily compressed air enters the eliminator, the inner layer of the filter captures the oil and oil droplets that are produced. Oil droplets accumulate on the filter outer surface and, as these droplets increase in size, they fall and collect at the bottom of the filter where they are then drained from the system.

Standard Features

- Low-pressure drop
- High oil removal efficiency
- Removal of coalesced liquid water and oil down to 0.01 micron, providing a maximum remaining oil aerosol content of 0.01 ppm
- Auto Float Drain
- Long service life
- Customer-friendly changing procedure

Technical Specifications

Models	Max. Remaining Oil Content	Flow Rate (Nm ³ /h@ 7barg)	Inlet-Outlet Flange Size	Drain Connection	Lenght (mm)	Width (mm)	Height (mm)
G-100 ELM	0.01 ppm	35	1/2"	1/8"	102	86.8	257.5
G-150 ELM	0.01 ppm	45	1/2"	1/8"	123	108.5	305
G-200 ELM	0.01 ppm	50	1"	1/8"	123	108.5	369
G-250 ELM	0.01 ppm	70	1"	1/8"	123	108.5	409
G-300 ELM	0.01 ppm	85	1 1/2"	1/8"	123	108.5	463
G-500 ELM	0.01 ppm	100	1 1/2"	1/8"	123	108.5	493
G-600 ELM	0.01 ppm	130	1 1/2"	1/8"	123	108.5	538
G-851 ELM	0.01 ppm	170	1 1/2"	1/8"	160	138	625.5
G-1210 ELM	0.01 ppm	200	2"	1/8"	160	138	695.5

Max. Operating Pressure (barg)	16
Max. Working Temp. (°C)	80
Min. Operating Temp. (°C)	4

