

G-ELM SERIES MIST ELIMINATOR AIR FILTERS

Manufacturing Forward





Mikropor began its journey in 1987 with a passion to create “Tomorrow’s Technology” and has become one of the leading manufacturers of atmospheric air filtration solutions and compressed air treatment systems for a variety of industries.

By closely following the latest developments in technology, Mikropor’s “Best in Class” products and solutions are appreciated by customers in more than 100 countries.

The company’s sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to technology. Mikropor is an environmentally conscious company that values people, while developing products that extend the needs and expectations of customers.

With this mission, Mikropor continues to become one of the most recognized brands in the world by expanding its global penetration in the field of technological filtration and contributes to a healthier planet.

www.mikropor.com

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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 (m³/h @7 barg)	Inlet-Outlet Flange Size	Drain Connection	Lenght (mm)	Width (mm)	Height (mm)
G-100 ELM	0.01 ppm	35	1/2"	1/8"	102	87	258
G-150 ELM	0.01 ppm	45	1/2"	1/8"	123	109	305
G-200 ELM	0.01 ppm	50	1"	1/8"	123	109	369
G-250 ELM	0.01 ppm	70	1"	1/8"	123	109	409
G-300 ELM	0.01 ppm	85	1 1/2"	1/8"	123	109	463
G-500 ELM	0.01 ppm	100	1 1/2"	1/8"	123	109	493
G-600 ELM	0.01 ppm	130	1 1/2"	1/8"	123	109	538
G-851 ELM	0.01 ppm	170	1 1/2"	1/8"	160	138	626
G-1210 ELM	0.01 ppm	200	2"	1/8"	160	138	696

Given flows are at 7 barg pressure with reference to 20°C and 1 bar atmospheric air suction as per ISO 7183 standard

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



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