



During rotary vane pump operation, oil mist escapes from the exhaust port; mainly when pumping between atmospheric pressure and 1 mbar. Safe operation of a rotary vane pump requires an Oil Mist Eliminator (OME) to be mounted above the pump's exhaust port. The oil mist is present in exhaust gases with a high level of separation. These mists present a potential environmental and health hazard as well as creating an oily build-up on everything in the pump's proximity. Misting increases as exhaust pressure increases.



SPECIFICATIONS

Material

Trap Body: 304 stainless steel, aluminum or Polyamide
Filter: Epoxy/glass microfiber, Polypropylene

The OME's filtration system contains the mist and returns it to the pump body. The OME's internal over-pressure valve prevents vapor explosions due to exceeding the maximum permissible exhaust pressure. Oil mist eliminators do not trap gas.

Caution: Vent all processes properly. Oil mist eliminators are not recommended for applications with high oxygen, silane, or condensable vapor content. Seal kits, auto drain kits, and other accessories are available. Call for pricing.

Oil Mist Eliminators

MODEL NUMBER	DIAGRAM	PROCESS USAGE	BODY MATERIAL	FLANGE TYPE
FTOME-25-S	A	General, non-corrosive	Polyamide	NW-25
FTOME-25-HP	B	General, non-corrosive. For frequent cycling or high pressure operation	Aluminum	NW-25
FTOME-40-S	C	General, non-corrosive	Aluminum	NW-40
FTOME-40-C2	D	Fluorinated, corrosive	Stainless Steel	NW-40

Replacement Filters

MODEL NUMBER	USE WITH	FILTER MATERIAL	QUANTITY
FTOME-25-S-F	FTOME-25-S	Epoxy/glass microfiber	1
FTOME-25-HP-F	FTOME-25-HP	Epoxy/glass microfiber	1
FTOME-40-S-F	FTOME-40-S	Epoxy/glass microfiber	1
FTOME-40-C2-F	FTOME-40-C2	Polypropylene	1

Diagram A

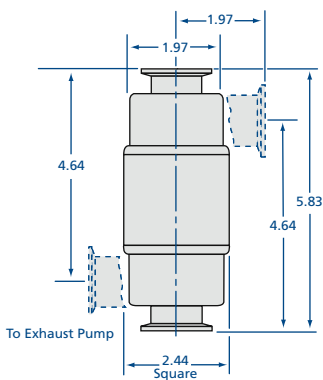


Diagram B

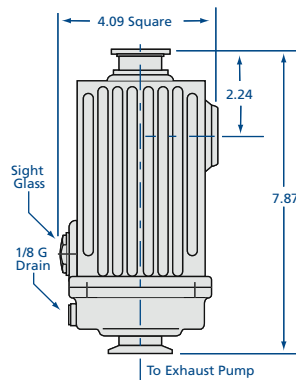


Diagram C

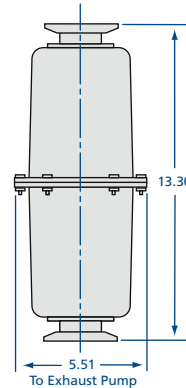


Diagram D

