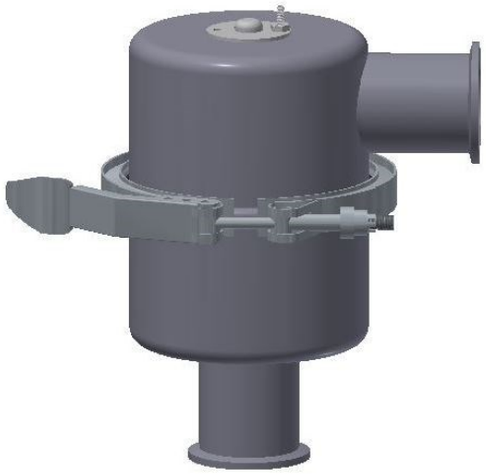
Molecular Sieve Traps
MS Series

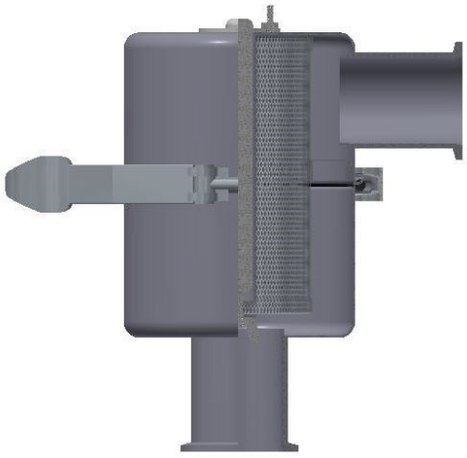
Operating Principle

- Remove hydrocarbons, with the zeolite desiccant, that backstreams toward the chamber when the pump oil reaches its vapor pressure
- Trap water vapor and other gases before they contaminate the pump oil
- Reduce oil changeout, reducing maintenance costs



Features

- No tools needed to separate housing hemispheres with the quick release vband for ease of maintenance and zeolite element replacement
- Desiccant material rests in a suspended basket fabricated from perforated 304 stainless steel, offering maximum conductance
- Suspended basket provides the conductance to the sieve at the top of the basket as well as around the periphery
- Mid-basket baffle causes the gas to enter one-half of the basket and to exit the other half
- Viton o-ring between housing hemispheres
- Connections available: KF16, KF25, KF40



Technical Specifications

- Appropriate charge of desiccant material (1/8" zeolite pellets)
- Comes with (1) 1-lb. can
- Integral 120 VAC or 240 VAC regeneration heater
- Heating rod secured in place enabling the mounting of traps in any orientation

Heater

- 50W. CE, CSA, UL Marked
- Available in 120V or 240V

Toolless Desiccant Replacement

- To remove trap end containing the heater, unlatch the quick release v-band and then remove the wingnut at the end of basket
- Safely dispose of used desiccant
- Replace with new desiccant and then attach the basket end plate

NOTE : When unable to achieve base pressure, the operator should regenerate the sieve by turning on the heater for a few hours and running the mechanical pump with its ballast valve open. The frequency and duration of sieve regeneration depends on the kind and amount of gas(es) produced by the particular application.