

Jacketed Vent Filter Housing

- Prevent vapor condensation in sterile vent and process filters and piping systems
- Offers tight temperature control & advanced functionality while complying with strict safety regulations
- Prevent heat loss
- External heater surface safe to touch

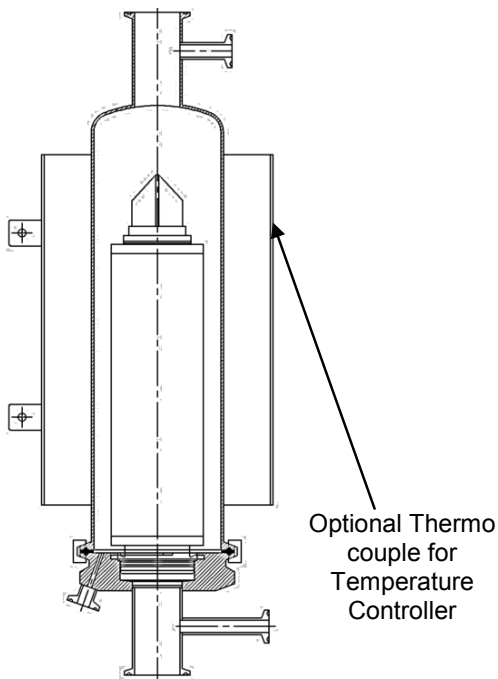


Leistung's vent filter housings are ideally suitable for processes such as –

- Bio-processing & pharmaceutical process fluids
- Fermentation
- Product recovery
- Water for injection
- Filtration & purification process
- Skidded systems
- Tanks & vessels

They help to maintain required pressure in vessel while ensuring sterility.

Leistung's vent filter housings provide thermal insulation with glass wool with or without electronic temperature controller.



Technical Data

No. of Cartridges	1
Cartridge Length	5" & 10"
Cartridge Fitment	Plug-in
Design Code	Good Engineering Practice
MOC – Wetted (Contact)	SS 316
MOC – Non-wetted (Non- contact)	SS 304
Pressure Rating	5 bar
Temperature Rating	-25°C to +135°C
Connection Size	1½"
Connections	V-Band (Hygienic) Clamp
Vessel Closure	V-Band (Hygienic) Clamped
Sealing Material	Silicon
Surface Finish	Matt Finish, Mirror Finish
Optional Finish	Electro Polish
Customized Design	Available in customized design to accommodate specific requirements
Options	Electronic Temperature controller

Electronic Temperature Controller For Jacketed Vent Filter Housing

- High Precision IC Temperature Sensor
- User Interface
- 3 Digit Display
- 3 key MMI
- PID control for accurately maintaining temperature
- Steady state control at $\pm 3^{\circ}\text{C}$
- SSR* output (Solid state relay)
- Splash proof front
- Elegant front design with S.S. cover
- Mode bus RTU w/o galvanic insulation with baud rate of 9600 giving flexibility for the connectivity to PLC or other automation system. The mode bus functions implemented are 03, 06, 16 and 23.
- RJ11 connector for communication
- Built in fuse - 10 A
- Quick disconnect connector for temperature sensor
- Wide supply voltage range of 85V - 265V for controller
- Node address select ability via keyboard and display

Technical Specifications	
Relay:	Solid state
Rating:	25A / 400V AC
Contact Life:	Practically no aging
Controller:	
Controller Type	Single set point
A/D Converter	16 bit
Sampling Time	0.5 sec
Electrical Data:	
Supply	Switch-mode power supply
Power Consumption	3 VA
Data Backup	Flash (10 years)
Electrical Connection	Mini fit Jr. Molex male 6 pin
Bezel Size:	96 × 72 mm
Display Height:	0.36"
Protection:	IP65/IP20

* - SSR not covered under guarantee

The technical specifications are subject to change without notice.