

Hankison HF1, 60 SCFM, Oil Vapor Removal, Auto Drain | HF1-20-4D

SKU: HF1-20-4D

Price: 726.52



Description

Specifications

Model No.	HF1-20-4D
Item No.	--
Model Size (@ 100 psi)	20: (60 SCFM)
Flow Rating	60 SCFM [1.72 m ³ /min]
Connection Size (NPTF)	4: 1/2"
Anodized	Yes
Design Pressure	300 psi
Design Temp	150°F
Height (in)	13
Width (in)	4
Weight (lb)	8.5
Certification	None
Filter Grade	1: Oil Vapor Removal
LLI Option	No

Gauge	No
Drain	D: Auto Drain

HF Series Features

Modular Housings

- > Manufactured with top quality aluminum, zinc, and steel
- > Chromated and epoxy powder painted (interior and exterior) for added durability and corrosion resistance
- > 300 psi (21 bar) maximum working pressure (tested to a 5:1 safety factor)

Optional Liquid Level Indicator (LLI)

- > Allows visual monitoring of liquid level and signals the need for preventative maintenance
- > Manufactured from thermoset polyurethane, compatible with synthetic lubricants

Optional Differential Pressure Gauge

- > Two color gauge face indicates element change-out based on differential pressure

Standard Manual Drain

- > Condensate drained manually through clockwise adjustment

Optional Internal Automatic Drains

- > Pilot operated, pneumatically actuated to reliably discharge collected liquid
- > Viton seals - compatible with synthetic lubricants
- > Inlet screen for additional protection
- > Discharge fitting threaded to facilitate drain line connection

Easy to Install

- > Modular connections allow housings to be connected in a series easily, while saving space
- > Optional wall mounting bracket
- > Can be mounted for left or right entry
- > New space saving design reduces service clearances

Easy to Maintain

- > 1/4 turn, self locking bayonet head to bowl connection (through 1 in)
- > Push on elements make element replacement quick and easy
- > Captive O-ring
- > Ribbed bowls allow use of C spanner
- > Color coded elements for easy identification

Filter Element Grades

Grade 1 Filter: Oil Vapor Removal. Removes oil and hydrocarbon vapors normally adsorbed by activated carbon. Removes solid particulate to 0.01 microns with a 0.003 ppm w/w maximum remaining oil content (established in accordance with CAGI standard ADF500 and is based on 100°F inlet temperature). Designed for a 1000 hour life at the rated conditions. Multiple layers of fiber media and screen remove larger particles, pre-filtering the air in the first stage of filtration. In the second stage, multiple layers of bonded, blended fiber media is utilized for fine coalescence. Multiple layers of fine media prevent particle migration.

Grade 5 Filter: High Efficiency Oil Removal. Designed for coalescing fine water and oil aerosols, this filter removes solid particulate to 0.01 microns with a 0.008 ppm w/w maximum remaining oil content (established in accordance with CAGI standard ADF400 and is based on 100°F inlet temperature). The first stage of filtration uses multiple layers of fiber media and screen to remove larger particles, pre-filtering the air, while the second

stage utilizes multiple layers of bonded, blended fiber media for fine coalescence.

Grade 7 Filter: Air Line. Provides removal of liquid water and oil. Removes solid particulate to 1.0 micron with a 1.0 ppm w/w maximum remaining oil content (established in accordance with CAGI standard ADF400 and is based on 100°F inlet temperature). The first stage of filtration captures larger particles with alternating layers of fiber media and screen. The second stage of filtration coalesces aerosols and captures solid particles with multiple layers of epoxy bonded, blended fiber media.

Grade 11 Filter: Impact Type Moisture Separator. Moisture separator removes bulk liquid from your system. Two stainless steel orifice tubes provide 10 micron mechanical separation of liquids and solids. Applied downstream of aftercoolers.

Hankison OEM/Distributor

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