



Clean Fuel & Lubricant Solutions

Inline 12 Manifold

1KDF1012

Clean Solutions Filter Manifolds expand capacity and increase flow rate beyond the capability of a single or dual filter head. The 1KDF1012 Inline 12 Manifold is constructed of heavy duty carbon steel with no external aluminum. It handles flow rates of up to 700 gpm / 2650 lpm.

Dividing the flow between multiple filters plumbed in parallel slows the flow rate per filter, reducing pressure drop and extending filter life.

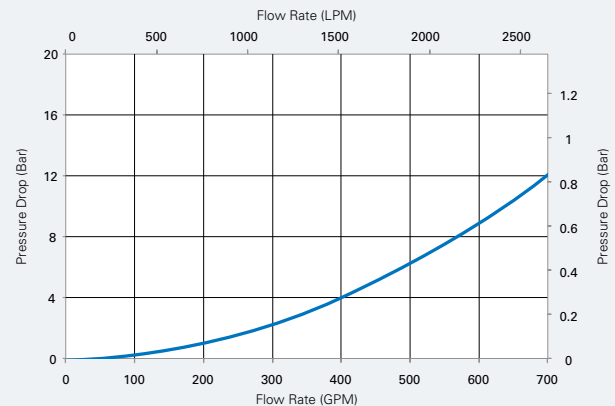
A variety of filter medias are available to meet the specific application requirements.



SPECIFICATIONS

Filter Quantity*	12
Mounting Connection	4" ANSI 150 Flanges
Max. Flow Range**	700 gpm / 2650 lpm
Shipping Weight	128 lbs / 58 kg
Sampling	Includes up-stream and down-stream mini-mess sampling ports with M16 x 2 thread
Fluid Compatibility	All diesel fuels and lubricants
Working Pressure	150 psi / 1034 kPa / 10.3 bar
Construction	No External Aluminum
Compatible Filters	DBB8664, DBB8665, DBB8666, DBB8777, DBB0248
Accessories (Sold Separately)	P174396 Electrical Indicator DFF1005 Blanking Cap P563809 Gauge Adapter P562709 Pressure Gauge
Operating Temperature	-40 to 245 °F / -40 to 120 °C

1KDF1012 Manifold



*Filters sold separately

**Actual flow rate varies based on fluid viscosity, pumping pressure and filter loading.

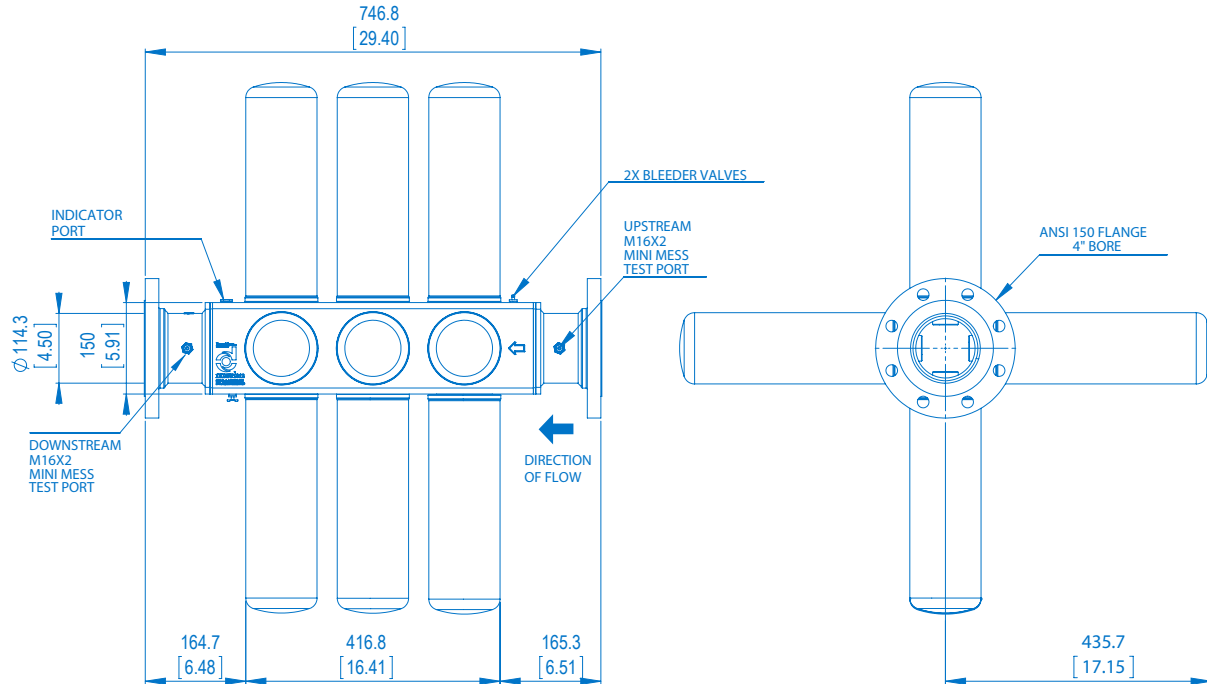
FEATURES

- Fast, easy and safe to service
- Requires no electrical or air hook-ups
- Large capacity in small foot print
- Flexible mounting options (horizontal or vertical)
- Cost effective high flow filtration
- Incorporated drain plugs facilitate clean servicing
- Comes shipped in reusable trunk

APPLICATIONS

- Bulk fuel and lubricant filtration and water removal
- High flow transfer into or out of tanks and dispensing
- Hard-to-filter high viscosity oils
- Inline industrial filtration of gear oils and lubricants
- Kidney loop applications
- No external aluminum for underground mining applications

DIMENSIONS



INSTALLATION

- Up to 6 filter orifices may be blocked off to enable flush configuration (sold separately)
- Install on pressure side of pump with arrows pointing in direction of flow
- May be mounted horizontally or vertically
- Allow 16.5" / 410 mm clearance to face for filters
- Ensure proper containment for servicing filters (drip pan or other)
- Install filter manifolds per local codes and regulations
- Optional P562709 pressure gauge and P563809 gauge adapter sold separately
- Use with Clean Solutions filter models DBB8664, DBB8665, DBB8666, DBB8777, DBB0248

REPLACEMENT PARTS & SERVICE

- Service filter when flow slows or predetermined differential pressure is reached
- When servicing change all filters, all replacement filters must be identical
- Isolate manifold, relieve pressure and drain prior to removing old filters
- Install new filters on heads by spinning clockwise, tighten ½ turn after filter seats in gasket
- Dispose of used filters appropriately



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