

KOF5

Models KOF5-725 KOF5-768

Kinney® Oil Filtration Systems are engineered to remove acids and particulates from the lubricating fluid used in all Kinney rotary piston vacuum pumps. KOF5 systems are typically mounted near the vacuum pump and incorporate a dedicated gear pump to continuously recycle and purify the vacuum pump lubricant. The filtration is accomplished by forcing the fluid through a choice of filter cartridges, engineered to remove specific contaminants.

The inlet to the oil filter is typically connected to the low point drain of the vacuum pump. The oil is filtered and returned to the vacuum pump fill port. This continuous recirculation of the vacuum pump lubricating oil insures removal of particulate, acids, and organic compounds.

Features

- Self-priming positive displacement oil pump
- Threaded Seal Filter Cartridges with Nitrile O-Ring Seals
- Welded Steel Construction
- Epoxy Coated Internals
- TEFC Pump Motor, available in single or three-phase
- Single Phase or Three Phase Models Available
- Optional Filter Cartridges

Three different filter elements are available to remove particulate matter:

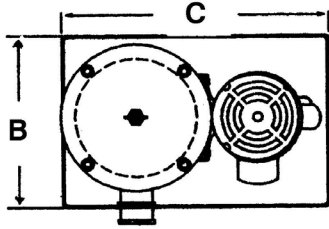
- 5 micron – commonly utilized in most graphite or heat treat furnace applications
- 10 micron – for systems where high amounts of particle concentrations make tighter filtration impractical
- Activated Alumina – for absorption of acids from the oil. Activated alumina is extremely effective in removing mineral acids such as hydrochloric.

Model Matrix

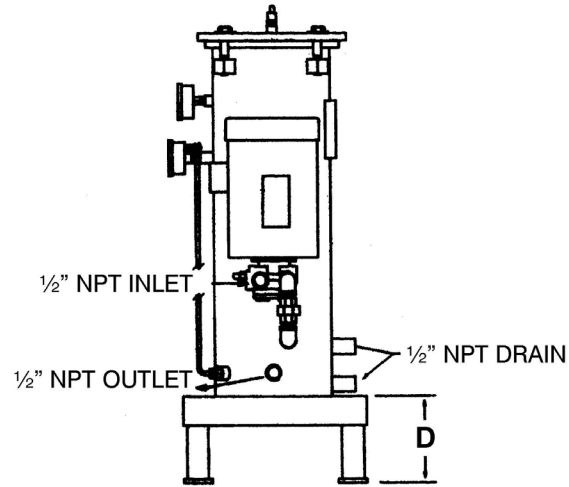
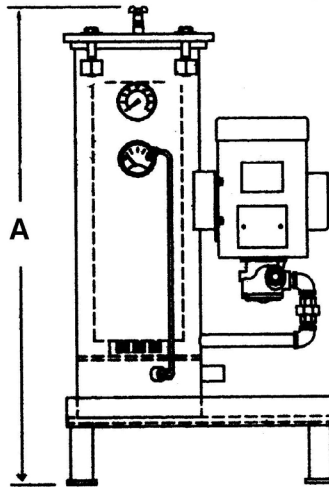
MODELS	KINNEY PART NO.	MOTOR/PUMP RATING	APPLIES TO KINNEY KT PUMP MODEL
KOF5-725-110	058260 0000	2 GPM, 0.25 HP 115/230/1/60 6.3 L/min, 0.16 kW 220/1/50	KT-150, KT-300
KOF5-725-480	058261 0000	2 GPM, 0.25 HP 230/460/3/60 6.3 L/min, 0.16 kW 190-220/380/3/50	
KOF5-768-110	058262 0000	5 GPM, 0.50 HP 115/230/1/60 6.3 L/min, 0.32 kW 220/1/50	KT-500, KT-850 KT-840 VFP, KT-1350 VFP
KOF5-768-480	058263 0000	5 GPM, 0.50 HP 230/460/3/60 6.3 L/min, 0.32 kW 190-220/380/3/50	

Dimensions

Values shown are approximate and should not be used for construction.
 Certified drawings are available through your local Kinney Sales Professional.



in. mm	A	B	C	D
KOFS-725	34.00 864	12.63 321	18.50 470	6.00 152
KOFS-768	52.00 1321	12.63 321	18.50 470	6.00 152



Filtration Cartridge Options

NOTE: Filtration Cartridges are not included with the oil filtration system and must be ordered separately.

MODEL	APPLICATION	FILTER MEDIA	PART NUMBER
KOFS-725	Standard Filter	5 Micron Pleated	058264-0000
	Gross Contamination	10 Micron Pleated	058265-0000
	Acid Removal	Activated Alumina	058266-0000
KOFS-768	Standard Filter	5 Micron Pleated	058267-0000
	Gross Contamination	10 Micron Pleated	058268-0000
	Acid Removal	Activated Alumina	058269-0000

CONTACT US

For more information, contact your
 Regional Sales Manager or call us at:

1-800-825-6937

Your Local Sales Professional: