



Features and Benefits

- Removal of solid and gel-like oil aging products
- Increased operating reliability of the system as a result of fewer deposits in hydraulic valves
- Increased oil service life
- Available for existing/new systems

Applications

- Turbine Lubrication Systems
- Plastic Injection Molding Machines
- Industrial Forges and Presses

Description

The service-friendly Varnish Elimination Unit (VEU-F) is designed for use with mineral oils and is particularly effective at removing oil-aging products (varnish). Varnish takes the form of oil-insoluble aging products which settle in the tank, in valves, or in bearings. These can be filterable gels or solid paint-type deposits.

The VEU-F series product is used in bypass flow. The removal of varnish is based on reducing the oil solubility for varnish with subsequent filtration, using a combination of an air cooled heat exchanger in series with DiMicron series filter elements.

Specifications

Fluid Viscosity:	75 to 2,000 SUS
Pump Operating Pressure:	100 psi (6.9 bar) max
Differential Pressure Across Elements:	72.5 psi (5 bar) max
Fluid Temperature:	15°F to 140°F (-9.4°C to 60°C)
Ambient Temperature:	32°F to 155°F (0°C to 68°C)
Seals:	FKM
Maximum Flow Rate:	VEU-F-10 10 gpm (38 L/min) VEU-F-15 15 gpm (57 L/min)
Fluids:	Standard mineral oils Consult factory for other fluids
Port Connections:	INLET/OUTLET 1 5/8" x 12UNF - Male
Weight (empty):	VEU-F-10 900 lbs (408 kg) VEU-F-15 975 lbs (442 kg)
Power Supply:	460V AC / 60Hz / 3 Ph. 575V AC / 60Hz / 3 Ph.
Protection Class:	NEMA 2

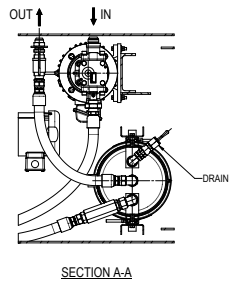
Sizing

Sizing Chart

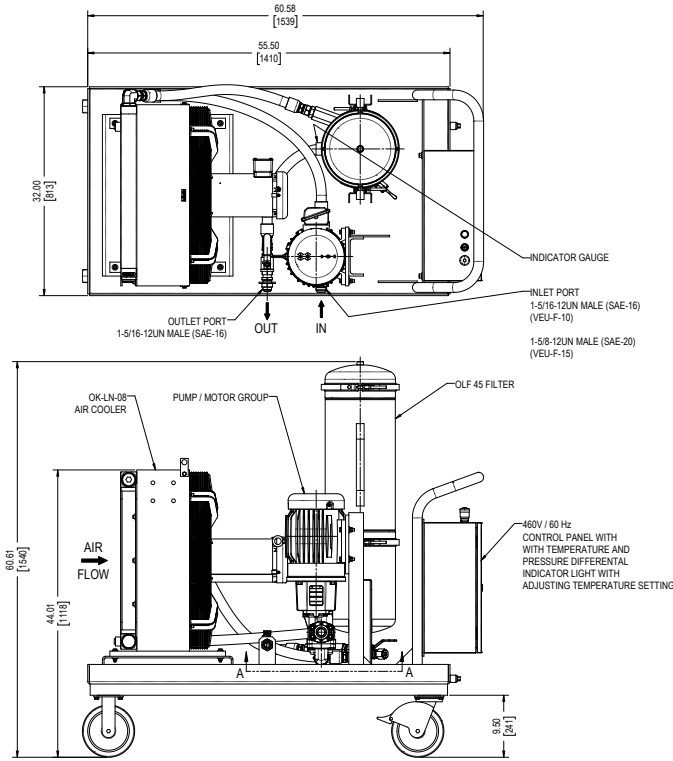
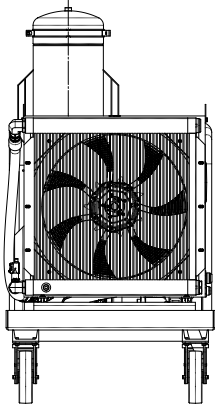
Tank Volume (gallons)	VEU-F Model
150 to 1200	VEU-F-10
225 to 2000	VEU-F-15

Varnish Elimination Unit

VEU-F



SECTION A-A



Metric dimensions in (mm).

How to Build a Valid Model Number for a Schroeder VEU-F:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
VEU-F				

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
VEU-F	15	M	O60	DM02

= VEU-F15MO60DM02

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
Model	Flow Rate	Mobility	Voltage	Filter Element
VEU-F	10 = 10 gpm 15 = 15 gpm	S = Stationary M = Mobile	O60 = 460V/ 3 Phase P60 = 575V/ 3 Phase	DM02 = N15DM002, 2µm Absolute DM05 = N15DM005, 5µm Absolute DM10 = N15DM010, 10µm Absolute

Model Code	Micron Rating	Part No.
N15DM002	2	1251590
N15DM005	5	3252552
N15DM010	10	3115180

Model Number Selection

Preferred order codes designate shorter lead times and faster delivery.

Element Selection

CS 1000
CS 1939
CSI-C-11
HY-TRAX®
RBSA
CSM
FCU
MCS
AS
SMU
CTU
EPK
Trouble Check Plus
HMG2500
HMG4000
ET-100-6
HTB
RFS
HFS-BC
HFS-15
MFD-BC
MFS, MFD
HY-TRAX®etrofit System
MFD-MV
MFS-HV
AMS, AMD
FS
AMFS
KLS, KLD
MCO
AKS, AKD
LSN, LSA, LSW
X Series
OLF Compact
OLF
OLF-P
NxTM
VEU-F
IXU
Triton-A
Triton-E
NAV
SVD01
SVD
OX
Appendix