

Varnish Elimination Unit

VEU-Compact

Features

Applications

Description

Specifications



Features and Benefits

- All in one system solution
- Removes oil degradation products (solids & gel-like Varnish)
- Improves system reliability and performance
- Reduces deposits on hydraulic valves
- Increases fluid life

Applications

- Automotive
- Chemical Processing
- Industrial
- Machine Tools
- Oil and Gas
- Plastic Injection
- Paper Mills
- Hydro Power
- Steel Making

Schroeder's Compact Varnish Elimination Unit, or VEU Compact for short, is an effective, small form-factor solution to varnish and oil-aging products in hydraulic systems. Modern hydraulic systems are more prone to varnish due to several factors ranging from oxidation to contaminants which can cause oil degradation. The VEU compact can help maintain equipment cleanliness by removing these issues.

Viscosity Range: 15 - 200 cSt (70 - 925 SUS)

Permitted Oil Temperature Range: 50° - 160° F (10° - 70° C)

Permitted Storage Temperature Range: 32° - 122° F (0° - 50° C)

Operating Pressure: 174 PSI (12 bar)

Permitted Pressure at Suction Port: -5.8 psi - 7.3 psi (-0.4 - 0.5 bar)

Suction Connection: ISO 228 - 1 G1

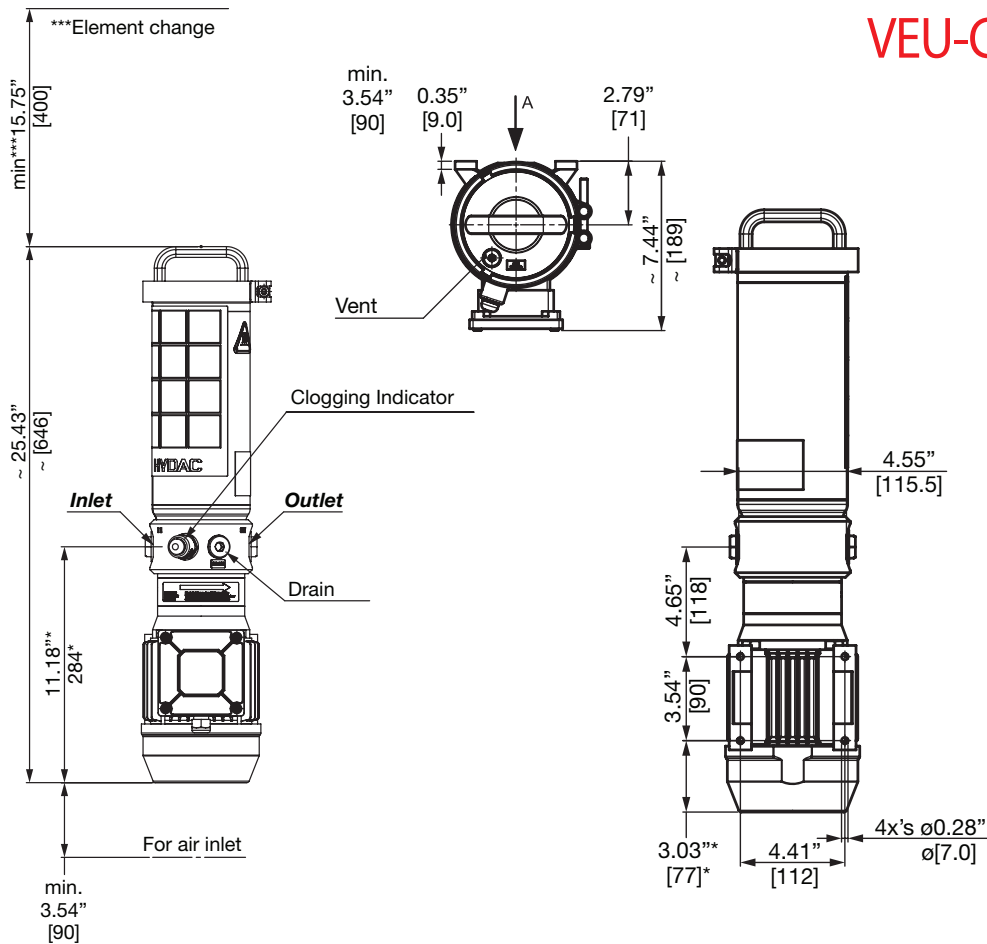
Discharge Connection: ISO 228 - 1 G1

Noise Level at 3ft Distance: < 70 db

Seal Material: FKM / Viton

Permitted Relative Humidity: 0 - 80 %

Dry Weight: 31 lbs (14kg)



How to Build a Valid Model Number for a Schroeder VEU Compact:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
VEU								

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9
VEU	F	5/3	S	Z	S	O60	Z	D70

= VEU-F-5/3-S-Z-S-O60-Z-D70

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
Series	Function	Size	Model	Cooler / Heat Exchanger
VEU	F = Filtration	5/3 = Filter housing 5 litres / nominal flow rate max. 3 litres	S = Stationary	Z = None

BOX 6	BOX 7	BOX 8	BOX 9
Pump	Voltage	Filter Element	Clogging Indicator
S = Vane Pump	O 60 = 460V, 60 Hz, 3 Ph	VE = Varnish Elimination Element Z = Without Filter Element	D70 = 5 Bar D69 = 8 Bar

Replacement Filter Elements

Model Number	Part Number
VEE-F-4-5-5	4595690



Optional Accessories

Model Number	Part Number
Quick Fix Plate VEU-F	4760248
OLF-TAK Adaptor	3039235

Model Number Selection

Tank Connection Kit

- TAK-OLF-5 Kit 2.0 (incl. suction and pressure hose); part number: 3039235
- Kit for rapid retrofitting of a VEU-F-5/3 to hydraulic or lubricating oil systems. Can be installed in systems outfitted with breather filters with connection specifications according to DIN 24557/T2.

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
RFSa
HFS-BC
HFS-15
MFD-BC
MFS, MFD
HY-TRAX® Retrofit System
MFD-MV
MFS-HV
AMS, AMD
FS
AMFS
KLS, KLD
KLCO
MCO
AKS, AKD
LSN, LSA, LSW
X Series
OLF Compact
OLF
OLF-P
NxTM
VEU-F
VMU
IXU
Triton-A
Triton-E
NAV
SVD01
OXs
Appendix