



# Ion eXchange Unit

This easy to service ion exchange unit of the IXU series is used for conditioning flame resistant, HFD-R-based hydraulic and lubrication fluids. They effectively remove acidic products of decomposition caused by hydrolysis and/or oxidation of the fluid. The units are applied to hydraulic and lubrication oil tanks of up to 20,000 l with volumetric flow of up to approximately 2.5 gpm (9 l/min) in the bypass flow. Mobile or stationary IXU are available. The IXU uses Ion eXchange Element (IXE) filled with ion exchange resin from HYDAC.

- Longer oil change intervals
- Increase in the lifetime of operating fluids and components
- Higher machine availability
- Reduction in functional problems, e.g. with servo valves
- Easy to service unit through
  - Component replacement without tools
  - Filter elements can be removed with the cover pointing “upward”
- Ideal to combine with Schroeder dewatering units
- Available to service as complete unit, modular system for retrofitting existing bypass circuits or for OEM

Common Industries:

- Power plants
- Steel industry
- Other applications with ester-based, flame resistant fluids

## Description

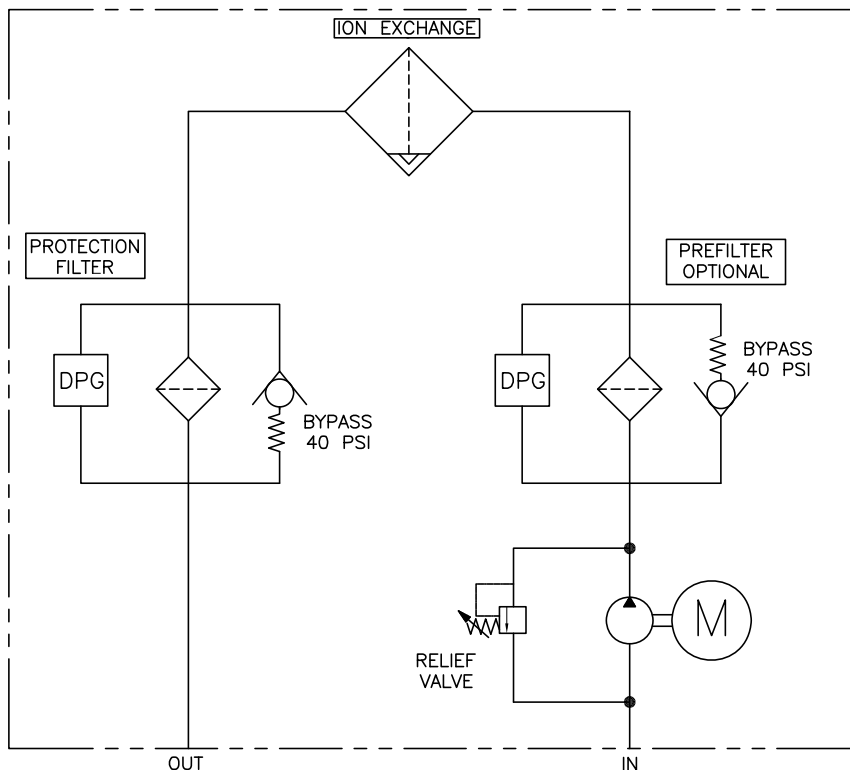
TCM  
TCM-FC  
TMU  
TPM

## Features

TIM  
CTU  
TWS-C  
ET-100-6  
HMG 3000  
EWC  
EPK  
HTB

## Applications

GS  
Trouble  
Check Plus  
Test Points



## Hydraulic Circuit

Adapters  
Hose  
Joiners  
Microflex  
Hose  
Pressure  
Limiters  
Pressure  
Gauges  
Test Kits  
Probalizer  
Filtration  
Station  
MFS, MFD  
AMS, AMD  
KLS, KLD  
AKS, AKD  
KLC  
X Series

MTS  
HFS  
SVD  
TDS

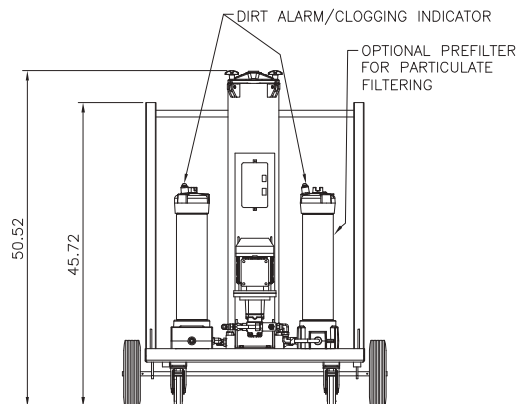
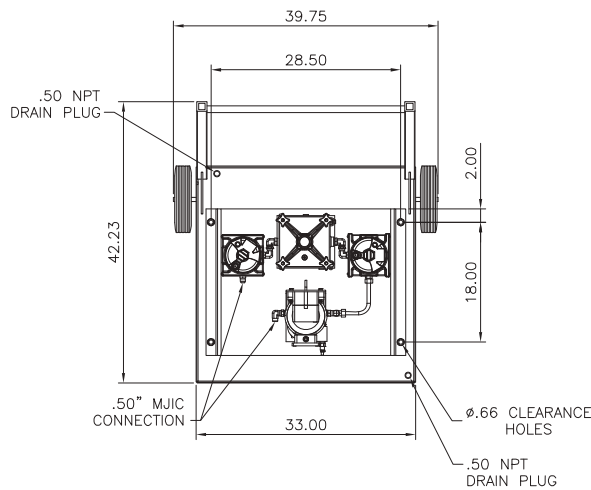
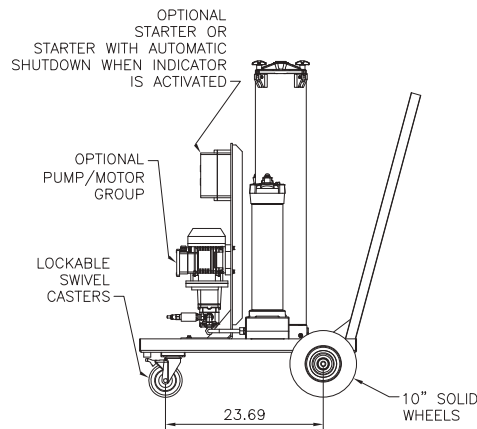
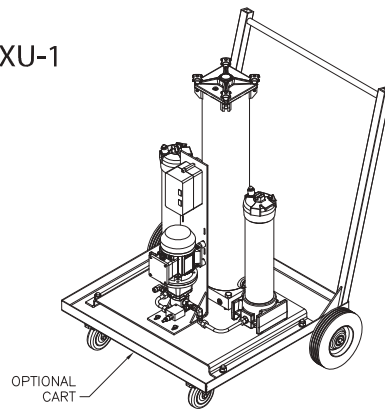
**IXU**

Appendix

# Ion eXchange Unit

**IXU**

IXU-1



IXU-4

