



POWDER-COATED STEEL MOUNTING BRACKET(S)

STEEL PIPING

FLOW METER SIZED TO UNIT (1-5 OR 1-10 GPM)

USPI D1000AMM PICTURED

300PSI ASME UM-RATED POWDER-COATED VESSEL(S)

## USPI 1000AMM Filtration System

- Removes moisture (up to 5 qts per element)
- Removes solid particles 1-3 $\mu$  and above (up to 12-14 lbs per element)
- Protects and preserves oil additive package
- Reduces operating temperature
- Significantly extends compressor and fluid life

OIL SAMPLING PORT

PRESSURE GAUGES TO MONITOR ELEMENT PRESSURES

PRESSURE REGULATING VALVE

DRAIN VALVE(S)

## Stationary Filtration<sup>for</sup> Ammonia Compressors

Oil in ammonia compressors is often dark and dirty, requiring regular changes. But the USPI 1000AMM filtration system removes both wear-causing solids and water from the lubricant, keeping the fluid clean and clear year after year. USPI filtration systems will maximize compressor, fluid, and filter life in your ammonia compressors.

### UNITS:

S1000AMM for Reservoirs ~1-120 gal  
D1000AMM for Reservoirs ~121-240 gal  
T1000AMM for Reservoirs ~241-360 gal  
custom-sized units available



### USPI AFA Series Filter Element

- Removes solid particles 1-3 microns and larger
- Holds up to 12-14 lbs of solids per element
- Holds up to 5 qts of water per element

SOLD SEPARATELY

# us petrolon ammonia compressor filtration



**USPI S1000AMM**

For Reservoirs ~1-120 gal

**DIMENSIONS:**

19"W x 42"H x 18"D

**WEIGHT:** 85 lbs



**USPI D1000AMM**

For Reservoirs ~121-240 gal

**DIMENSIONS:**

25.5"W x 42"H x 18"D

**WEIGHT:** 135 lbs



**USPI T1000AMM**

For Reservoirs ~241-360 gal

**DIMENSIONS:**

38.5"W x 42"H x 18"D

**WEIGHT:** 235 lbs

maximize your **USPI Ammonia Compressor Filtration System** with...



## USPIFLUIDS

USPI offers a complete line of custom-formulated synthetic and semi-synthetic lubricants designed for long-term use in refrigeration compressors. Fluids for low temperature operation are also available.

## OILSAMPLING

USPI recommends comprehensive quarterly oil analysis with all our filtration systems and industrial lubricants. Independent oil analysis will help you make condition-based decisions in a predictive-proactive maintenance program.

## OEMFILTERS

USPI offers OEM replacement filters for refrigeration compressors that meet or exceed manufacturer specifications at significantly lower costs.