

Application

The ASO series of valves is used to shut-off the air supply to an AOD (Air-Operated Diaphragm) pump when the liquid level approaches full capacity.

The ATO valve is used to turn on the air supply to an AOD pump when the liquid level approaches the full capacity.

Features and Details

- Installs directly into a 2" female threaded tank top opening
- Accepts ¼" air lines
- When the ASO valve closes, the air supply is diverted to an audible whistle on the 91S and 91EXS models
- Operating temperature range is -10°F to 185°F
- Air flow capacity is 20 CFM @ 100 PSI. Maximum air pressure is 100 PSI
- Valve automatically resets as liquid is removed and the air pressure to the valve is turned off
- **FMMASO-91** and **91S** shut-off height is 6½" from the tank top
- **FMMASO-91EX** and **91EXS** shut-off height is 17¾" from the tank top

Materials of Construction

- Valve body and collar... Anodized aluminum
- Float... Polypropylene
- Float rod and valve spool... Brass
- O-ring seals... Viton®
- Hardware... Stainless and plated steel

Certifications & Listings

ULC listed; Florida DEP EQ-576

Patent 5007450

Valve with optional alarm for use on used oil evacuation systems which use an air operated pump



Item Number	Size	Description	Signal	Weight (lbs)
FMMASO-91EX AV	2"	Air Shut-Off Valve, w/o audible signal, extended shut-off height body	No	5.0
FMMASO-91EXS AV	2"	Air Shut-Off Valve, w/ audible signal, extended shut-off height body	Yes	5.0
FMMASO-91 AV	2"	Air Shut-Off Valve, w/o audible signal	No	2.50
FMMASO-91S AV	2"	Air Shut-Off Valve, w/ audible signal	Yes	2.60
FMMATO91 AV	2"	Air Actuation Valve, w/ High Level, w/o audible signal	No	2.50