



# USED OIL STORAGE SYSTEMS

Model No.  
AGS-180D  
AGS-245D  
AGS-285D  
AGS-500D

## Owner's Manual



**AGS-285D**



**AGS-245D**

# Assembly Instructions

Please read the following before proceeding with installation and operation of the JohnDow Used Oil Storage System.

## Installation:

1. Position the tank in a location that is within 2" of level.
2. Attach the 10' x 3/4" intake hose to the pump.
3. Install the liquid level gauge in the 2" coupling at the left read of the tank according to the instructions provided with the gauge.
4. If required by local regulations, install necessary venting through the 4" coupling located at the center of the tank.
5. Install the hose hanger by bolting it on the outside of the tank.
6. Attach air supply to the connection on the rear of the security cabinet.
7. Install quick disconnect adapter to waste oil drain.

## Operation:

1. Position the full waste oil drain next to the system and connect the intake hose to the drain.
2. Open the valve on the waste oil drain assembly.
3. Turn on the air supply to start the pump and transfer of used oil
4. When the oil drain is empty - disconnect the hose and then turn off the air supply.

### **CAUTION:**

**Before attempting to transfer oil, always check the tank level to determine if sufficient capacity is available. This will prevent possible overfilling of the tank. Call your authorized used oil hauler to evacuate the tank.**

# Operating Instructions

## Automatic Overfill Protection

The JohnDow Used Oil Storage System is equipped with an automatic air shut-off valve that stops the air supply to the pump to prevent overfilling and overflowing the tank. The air valve will engage when the tank is at approximately 85% of capacity.

Do not attempt to override the shut-off valve as this may cause damage to the valve assembly and result in overflowing the tank. Call your used oil hauler immediately.

## Double-Wall, 110% Secondary Containment

The double-wall tank design provides protection against oil leakage in the unlikely event the inner tank should fail. The outer tank will contain over 110% of the volume of the inner tank.

Two coupling on the extreme left end of the tank allows for inspection of the outer tank containment chamber. Use caution to avoid pouring any oil into the outer tank chamber.

## Security Cover

The security cover protects the pump and shut-off valve from damage. If it is necessary to remove this cover, the air supply must be disconnected from the back inside of the cover first. The quick disconnect air fittings allow the air hose to be removed by simply depressing the grey ring around the plastic hose and pulling the hose out. The reconnect, push the hose into the fitting unit, it is secure.

## U.L. Listed 1" Diaphragm Pump

The air diaphragm pump is designed to run efficiently at 60 psi. The air regulator is pre-set at the factory and should not need adjustment.

### ***If the pump fails to run:***

- Make sure the air supply is properly hooked up.
- Make sure the tank is not full and automatic shut-off has cut the air supply.

### ***If the pump runs but is not pumping oil:***

- Disconnect the intake hose from the pump and check for suction at the hose connection point. If there is suction at the pump, then check the quick disconnect coupler on the other end of the hose for debris that could be blocking the flow.