

INSTRUCTION SHEET

W4300-38F

Replacement Oil Float Installation Instructions

OVERVIEW

Introduction

The **W4300-38F** high-performance oil float was designed from the ground up to effectively and efficiently meter separated oil back to the compressors, delivering increased oil system performance and dependability over legacy "1900-30" models.

These floats feature a new **unibody** design, eliminating the "u-tube" by utilizing a float body machined from a single piece of steel, for more consistency and quality throughout manufacturing.



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Kit Includes

- Float Assembly: W4300-38F
- Gasket: 100-010
- Bolts: 3/8-16 Zinc-Plated (8)
- Nuts: 3/8-16 Zinc-Plated (8)

Items Needed

- Evacuation pump
- 12mm socket for drain plug
- 9/16" wrench & socket for header plate bolts
- Refrigerant oil
- Gasket Scraper

WARNINGS

Improper installation or misuse of this product may cause serious personal injury or damage to equipment and property.

THESE INSTRUCTIONS ARE PREPARED TO ASSIST QUALIFIED PERSONNEL TO SERVICE PRESSURE VESSEL EQUIPMENT. CONSUMERS ARE NOT QUALIFIED TO PERFORM THE INSTALLATION DESCRIBED BELOW.

HIGH PRESSURE WARNING: EVEN IF PRESSURE REGISTERS EMPTY, THE SYSTEM MAY CONTAIN HIGH PRESSURE AND FLAMMABLE GAS. A HAZARD OF FIRE OR EXPLOSION MAY EXIST IF PROPER METHODS ARE NOT USED WHEN REMOVING OR INSTALLING PRESSURE VESSEL EQUIPMENT

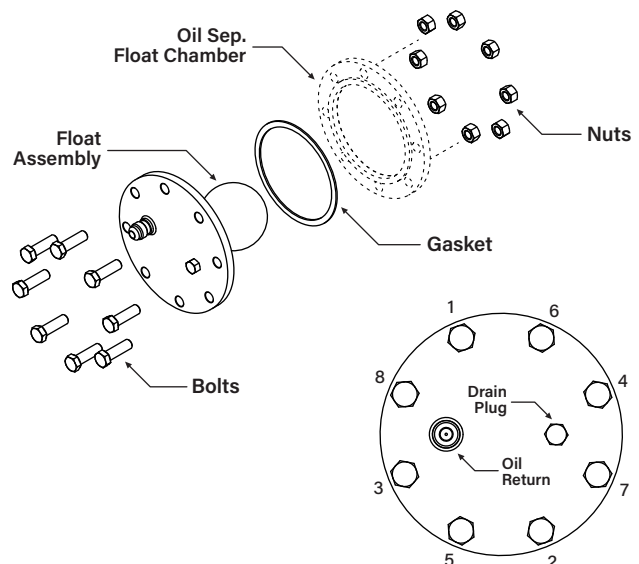
INSTALLATION

Preparation

1. Isolate the oil separator from system
2. Evacuate all refrigerant
3. Ensure there is no internal pressure in the separator
4. Drain oil from oil separator

Replacement

5. Detach oil line from 3/8" flare connection on existing float assembly
6. Remove bolts from existing float header plate
7. Remove existing float assembly
8. Prepare new gasket (supplied) by applying a small amount of refrigerant oil on the surface of the gasket
9. Install new gasket in header plate of new float assembly
10. Install new float assembly in oil separator with new hardware (supplied) and torque bolts to 30 ft-lbs in a star pattern as shown in diagram below
11. Reattach oil line to 3/8" flare connection on new float assembly
12. Pre-charge oil separator with 25oz of refrigeration oil
13. Evacuate all air from oil separator
14. Open valves and turn system back on
15. Check for leaks



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