

Eastwood
Elite

Item #59766

QST 30/60 MOISTURE DRAIN KIT INSTRUCTIONS



The **EASTWOOD QST 30/60 MOISTURE DRAIN KIT** is specifically designed for use with the Eastwood #32200 QST 30/60 Scroll Compressor to provide enhanced moisture extraction capability for operation in high humidity and extreme use environments. Includes multiple mounting bracket configurations for location flexibility.

CONTENTS

- (1) 500ml clear, oil and moisture resistant Bottle
- (1) Lid
- (1) 90° Brass Barbed Fitting
- (1) "L" - Mounting Bracket (for side, vertical frame mounting)
- (1) "Z" - Mounting Bracket (for top, horizontal frame mounting) on early 32200 models

HARDWARE

- (3) M5x0.80x20 Phillips Round Head Screws with Lock Washers, Washers and Nuts
- (2) M6x1.00x20 Hex Drive Round Head Screws with Nuts



SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

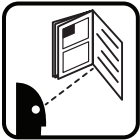
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.



READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using this equipment. Failure to follow all warnings can result in product damage or serious physical injury.
- Keep these product instructions for future reference.



WARNING BURN HAZARD!

- **COMPONENTS ARE HOT!** Significant heat is generated during operation. Allow to cool a minimum of 1 hour after last use before servicing to avoid burns.



WARNING INJURY HAZARD!

- Before performing any service, turn Power Switch to the “OFF” position, shut off breaker or disconnect power supply and release pressure from Tank until Gauge indicates 0 Psi.
- The Oil Tank may be under pressure. Opening the Drain Valve under pressure can cause hot oil to be blown out at high velocity. Wear appropriate eye protection.



CAUTION BURN HAZARD!

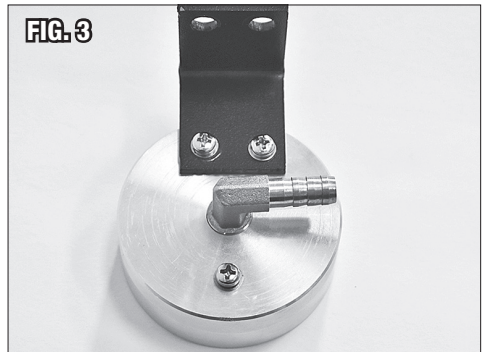
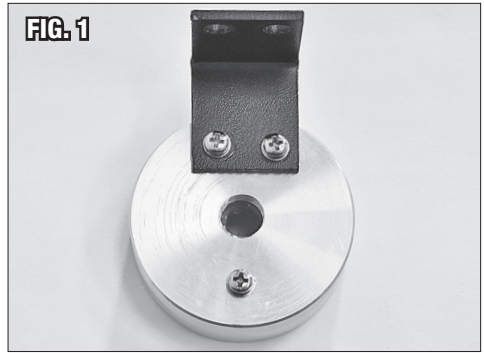
- Oil may be hot!

NOTICE

- Fluids drained from the Moisture Drain Kit Bottle are hazardous materials and should be disposed of in compliance with local regulations.

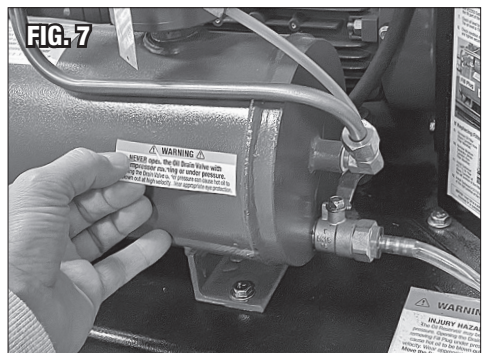
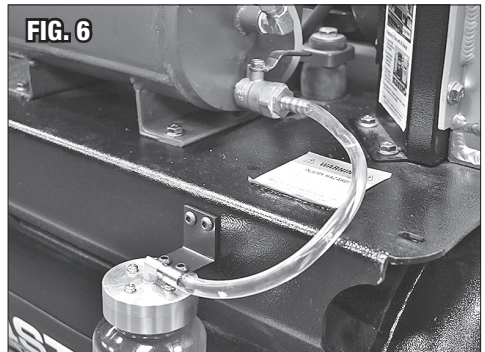
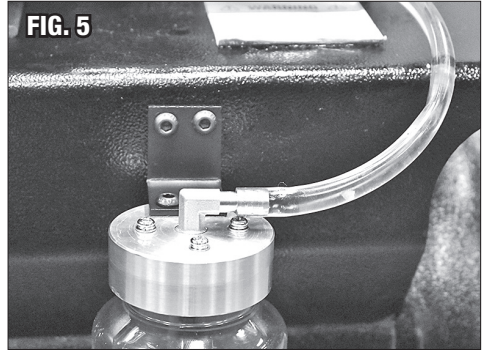
ASSEMBLY

- Determine the preferred top or side frame location and select the appropriate L-Mounting Bracket or Z-Mounting Bracket (the Z Mounting Bracket is intended to be used on early 32200 models).
- Use two M5 Phillips Head screws, Lock Washer, Washer and Nuts to secure the Mounting Bracket to the Lid (**FIG. 1**).
- Install the third M5 Phillips Head screw to retain the plastic Lid Seal Insert (**FIG. 2**).
- Install the 90° Brass Barbed Fitting by threading it into the tapped hole of the Lid (**FIG. 3**).
- Screw the Lid onto the Bottle.



INSTALLATION

- Choose the desired location for the Moisture Drain Kit Bottle and verify that the existing compressor oil drain hose adequately reaches and will attach to the Brass Barbed Fitting (**FIG. 4**).
- Using holes in the Mount, mark the holes to be drilled (**FIG. 5**).
- Drill the two 1/4" holes into the frame.
- Using the two M6 Hex Drive Round Head Screw with Nut, attach the Moisture Drain Kit assembly to the frame (**FIG. 6**).
- Slip the existing oil drain hose over the Brass Barbed Fitting on the Moisture Drain Kit Lid, attaching it securely (**FIG. 6**).
- Apply included Warning Label onto the side of the Oil Tank (**FIG. 7**).
- Once kit is installed user can:
 - Notch cover flange to offer clearance for drain hose.
 - Remove drain hose after each use.
 - Operate unit *WITHOUT* cover installed- which is completely acceptable and expedites moisture draining operations.



MOISTURE DRAIN KIT OPERATION

The QST30/60 will, in normal operation, extract and accumulate moisture in high humidity climates or if operated only infrequently.

Moisture will condense and collect as water in the oil tank. The purpose of the Moisture Drain Kit is to provide a means to drain the water quickly and easily from the oil tank.

For maximum results, remove the accumulated water after the compressor has been allowed to sit overnight (or an 8-hr. period) and before use the next day.

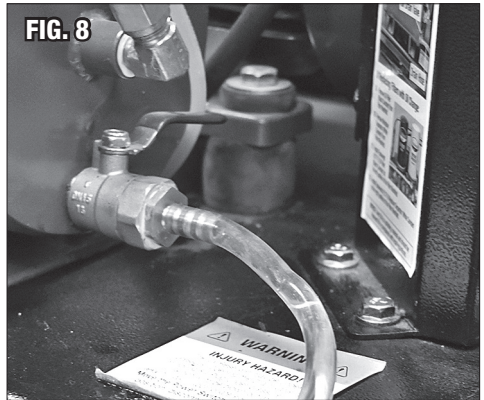
This allows the water sufficient time to settle to the bottom of the oil tank for easy removal.

For infrequent use, this operation should be performed weekly to assure all water is removed.

⚠ WARNING INJURY HAZARD!

Never open the Oil Drain Valve with compressor running or under pressure. Opening the Drain Valve under pressure can cause hot oil to be blown out at high velocity. Wear appropriate eye protection.

- Before starting compressor, open the oil drain valve (**FIG 8**).
- Allow water to flow into the Moisture Drain Kit Bottle.
- Watch the water flow carefully in the oil drain hose.
- When oil begins to enter the oil drain hose, close the oil drain valve immediately, stopping flow.
- Check the compressor oil level to assure level is between upper and lower marks on dipstick.
- The compressor may be started and operated as normal.



MAINTENANCE

- Remove and drain the 500ml Bottle when the moisture level approaches 1/2 full.
- Wash Bottle completely with soap and hot water. Dry thoroughly.

▲ NOTICE

Fluids drained from the Moisture Drain Kit Bottle are hazardous materials and should be disposed of in compliance with local regulations.

ADDITIONAL ITEMS

- #31738 1 Quart [0.946 liter] Eastwood Synthetic Scroll Compressor Oil
- #31717 Replacement Eastwood Air Filter Element
- #31715 Replacement Eastwood Oil Filter
- #31716 Replacement Eastwood Moisture Separator
- #32207 Replacement Pressure Cut-off Switch
- #32209 Replacement Oil Fill/Dipstick Seal
- #20472 Eastwood Filter Separator Regulator System
- #13600 3/4" Professional Compressed Air Line Kit

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: tech@eastwood.com

PDF version of this manual is available at eastwood.com

The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA

800.343.9353 eastwood.com