RH 48/60 Refrigerant Reclaimer Block

Safety Instructions

1. Read safety and installation instructions thoroughly. Failure to follow instructions may result in drier failure, system damage, or personal injury.
2. Do not remove blocks from bag until just prior to installation. Early removal from the bag may result in contamination of desiccant from the surrounding atmosphere.
3. **Warning:** The system must have all lines completely de-pressurized to atmospheric pressure before installing bocks. Failure to do so can result in serious personal injury.
4. **Caution:** In a severely contaminated system, avoid breathing acid vapors, and avoid contact with the skin or clothing from contaminated refrigerant. Failure to do so can result in serious personal injury.
5. These products are intended for use on Refrigerants 12, 22, 500, and 502. Do not exceed the maximum working pressure marked on the product. Do not use Emerson filter-driers on any other unlisted gas or fluid media, without receiving the prior, written approval of the Emerson Climate Technologies Flow Controls Division Applications Engineering Department. **Warning:** Failure to follow these instructions could result in chemical deterioration of the filter-drier or serious personal injury.
6. Install the filter-drier blocks as noted in the installation instructions.
7. **Caution: The RH 48/60 filter-drier bock should not be used in conventional air conditioning or refrigeration systems that require high refrigerant flow rates. Use in these systems will result in excessively high pressure drop thru the drier and possible system damage.**

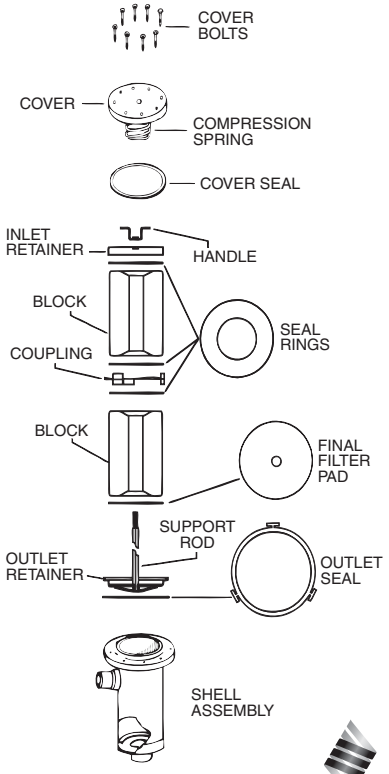
Installation Instructions for Replaceable Filter-Drier Blocks with STAS Shells

To prevent contamination, do not open the bag containing the block until ready to install.

1. **Warning:** The system must have all lines completely de-pressurized to atmospheric pressure before installing blocks. Failure to do so can result in serious personal injury.
2. Remove the cover bolts, cover, and cover gasket (discard old gasket).
3. Withdraw the internal assembly by pulling on the handle.
4. Disassemble the internal assembly by unscrewing the handle while holding the inlet retainer.
5. Remove contaminated filter-drier block. For multiple blocks (as shown in the exploded view), remove coupling(s).
6. Clean all internal parts thoroughly, giving particular care and attention to outlet screen.
7. Remove the block from its packaging and reassemble as rapidly as possible to minimize moisture contamination.
8. Replace the screen in the outlet retainer (see exploded view of bottom support assembly) and install the new block or core in the outlet retainer. With multiple blocks (as show in the exploded view), place coupling between each block. Position the inlet retainer over the final block or core, and screw the handle firmly in place. Carefully insert the assembled unit into the shell assembly.
9. Lightly coat the new cover gasket on both surfaces and carefully place in the groove of the cover.
10. Push the cover against the shell assembly. Make certain the compression spring is against the inlet retainer, and is not hanging-up on the handle. Install two cover bolts in diagonally opposite holes to hold the cover snugly against the shell edge.
11. Install the remaining cover bolts snugly.
12. Torque all cover bolts evenly in a criss-cross pattern to a torque of 25 ft. lbs. maximum.
13. Test for leakage.
14. Put the system into operation.

STAS Exploded View

The exploded view shown is a STAS96 two-block unit.



Installation Instructions for Replaceable Filter-Drier Blocks with RH 48/60 Shells

To prevent contamination, do not open the bag containing the block until ready to install.

1. Warning: The system must have all lines completely de-pressurized to atmospheric pressure before installing blocks. Failure to do so can result in serious personal injury.
2. Remove the cover bolts and nuts.
3. Withdraw the internal assembly by pulling on the cover.
4. Disassemble the internal assembly by unscrewing the three tie rods while holding the outlet retainer.
5. Remove contaminated filter-drier block. For multiple blocks (as show in the exploded view), remove coupling(s).
6. Clean all internal parts thoroughly, giving particular care and attention to outlet screen.
7. Remove and discard the old gasket. Lightly coat the new cover gasket on both surfaces and carefully place in the groove of the cover.
8. Remove the block from its packaging and reassemble as rapidly as possible to minimize moisture contamination.
9. Place the compression spring between the cover and the inlet retainer. Put a felt seal ring in the inlet retainer before putting the block in position to prevent possible contaminant bypass.
10. Replace the screen in the outlet retainer and place the polyester filter pad over the screen before installing the new block in the outlet retainer. With multiple blocks (as show in the exploded view), place coupling between each block, with felt seal rings between the end of the block and the coupling surface. Position the outlet retainer over the final block or core, and screw the three tie rods firmly in place. Carefully insert the assembled unit into the shell assembly.
11. Push the cover against the shell assembly. Install two cover bolts and nuts in diagonally opposite holes to hold the cover snugly against the shell edge.
12. Install the remaining cover bolts snugly.
13. Torque all cover bolts evenly in a criss-cross pattern to a torque of 25 ft. lbs maximum.
14. Test for leakage.
15. Put the system into operation.

Exploded View

The exploded view shown is a C-96 two-block unit.