

Instruction Sheet

PA-00132
May 2007

D-42, H-42 and W-42 Series Replaceable Filter-Drier Blocks

42 Cubic Inch Replacement Filter-Drier Blocks

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 be pumped down and lines de-pressurized before attempting to install. 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 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 R-134a, R-22, R-404A, R-507. 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.

Installation Instructions

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

1. Pump down the system and the shell completely. **Warning:** System lines must be de-pressurized before attempting to service. Failure to do so can result in system damage and serious bodily injury.
2. Remove the cover bolts and cover.
3. Remove contaminated filter-drier block.
4. Clean all internal parts thoroughly, giving particular care and attention to outlet screen.
5. Remove and discard the old gasket. Lightly coat the new cover gasket on both surfaces and carefully place in the groove of the cover.
6. Remove the block from its packaging and re-assemble as rapidly as possible to minimize moisture contamination.
7. Replace the inlet retainer assembly in the shell with the flat side positioned against the block.
8. Push the cover against the shell assembly. Install two cover bolts in diagonally opposite holes to hold the cover firmly against the shell edge.
9. Install the remaining cover bolts firmly.
10. Torque all cover bolts evenly in a criss-cross pattern to a torque of 25 ft. lbs. maximum.
11. Test for leakage.
12. Put the system into operation.