

Instruction Sheet

PA-00139

July 2007

Replaceable Filter-Drier Blocks & Filter Cores with ADKS Take-Apart Shells

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SAFETY INSTRUCTIONS

1. Read installation instructions thoroughly. Failure to follow instructions may result in drier failure or system damage.
2. Do not remove blocks from bag until just prior to installation. Early removal could result in contamination of the desiccant from surrounding atmosphere.
3. **CAUTION:** In a severely contaminated system, avoid breathing acid vapors and avoid contact with the skin or clothing from contaminated refrigerant. Dispose the contaminated refrigerant in a caustic solution. Failure to do so may cause personal injury.
4. Thoroughly leak test system after installation. Failure to do so could result in loss of refrigerant.

5. These products are indented for use on the following refrigerants up to a maximum working pressure marked on the product.

R12	(dichlorodifluoromethane)
R22	(monochlorodifluoromethane)
R500	(by weight 73.8% dichlorodifluoromethane, 26.2% difluoroethane)
R502	(by weight 48.8% monochlorodifluoromethane, 51.2% monochloropentafluoroethane)

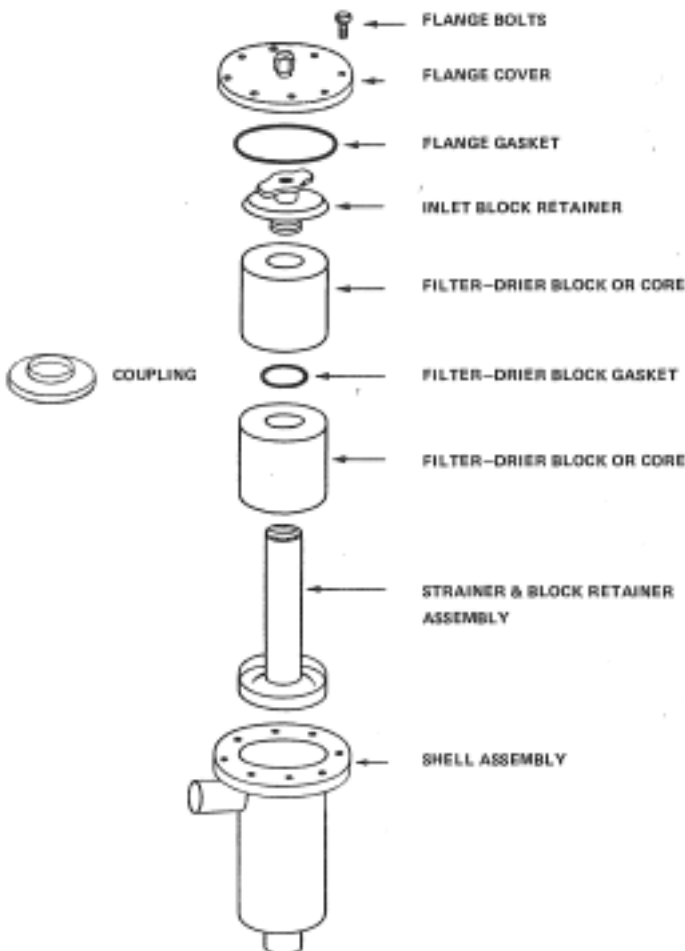
Do not use Emerson filter-driers on any other unlisted gas or fluid media without prior approval of the Emerson Climate Technologies Flow Controls Applications Engineering Department. Use on fluids not listed could result in chemical deterioration of the filter-drier.

6. The F series filter cores should not be used for liquid line or hot gas applications.

DO NOT OPEN BAG UNTIL READY TO INSTALL BLOCK OR SUCTION FILTER CORE

1. Pump down the system and the ADKS shell completely.
2. Remove flange bolts, flange cover, and flange gasket.
3. Withdraw internal assembly by pulling firmly on inlet block retainer. Resistance will occur due to snug fit of outlet block retainer.
4. Unscrew inlet block retainer counter-clockwise while holding outlet retainer firm.
5. Remove used filter-drier or suction filter core. For multiple block or core units, also remove block gasket or suction filter coupling.
6. Clean all internal parts thoroughly.
7. Remove block or filter core from packaging and reassemble as rapidly as possible to minimize moisture contamination.
8. Slip new block or core on strainer assembly. With multiple block or core units, place block gasket between each block, or core coupling between each core.
9. Screw inlet block retainer firmly into strainer assembly and carefully insert assembled unit into shell.
10. Install new flange gasket into flange cover and secure to shell with two flange bolts in diagonally opposite holes.
11. Install the remaining bolts snugly.
12. Torque all flange bolts evenly in a criss-cross pattern to torque of 36 ft/lbs maximum.
13. Test for leakage.

WARNING: Do not use suction filter cores on liquid line applications.



ADKS Series