

TECHNICAL DATA SHEET

BIDIRECTIONAL FILTER DRIER

DESCRIPTION

Device containing desiccant material and filtering media to protect against moisture and other contaminants in a refrigeration system. High moisture and acid removal capacity. Combined drying and filtering effect, acting at both ends of the installation without backflow.

Bidirectional operation allows interception of particles that may have circulated through the system.

With a minimal pressure drop design, the system can achieve improved energy efficiency during operation.

- Filtration: 20 microns
- Epoxy-coated finish resistant to corrosion, salt spray test exceeding 500 hours
- Two types of connection methods: brazed and SAE threaded.

APPLICATIONS

Mainly intended for repairs of heat pump or aerothermal equipment.

COMPATIBILITY

These filters are compatible with all HCFC/HF refrigerant gases.

TEMPERATURE RANGE

The operating temperature range of this product is from -40 °C to 120 °C

MAXIMUM PRESSURE

Maximum working pressure: 4.7 MPa / 680 Psig (47 bar), UL certified.



AVAILABLE SIZES

Sizes: from 1/4 to 5/8. Please consult our catalogue at www.hecapo.com

INSTALLATION INSTRUCTIONS

Ensure that there are no leaks at any of the connection points between this filter, the piping, and the connected component or equipment.

Verify that all connections are free from stress, whether tensile, torsional, bending, compressive, or shear stress. For installations subject to vibration, ensure that appropriate elements are included so that vibrations are not transmitted to either the piping or the filter. If the installation is subject to expansion and contraction, include the necessary elements to compensate for these effects..