

Remove Water, Acid, And Solid Particle Contamination To Prevent System Damage

EK Filter Drier



EK-083 S

Filtration

1. Filtration at both inlet and outlet, 20 micron
2. 99.9% efficiency with minimal pressure drop
3. Retains contaminants during system cycling and vibration

Moisture and Acid Removal Capacity

1. Utilizes full surface area of desiccant beads
2. Specially formulated blend to protect POE oil
3. Filters first for maximum moisture removal rates
4. Recommended for HFC's by Emerson Climate Technologies Inc.
5. No binding agents that reduce adsorption as with block driers

Industry best
20 micron filtration

Contaminant Removal Methods		
Contaminants	Moisture	Molecular Sieve
	Acids	Activated Alumina
	Waxes	Activated Carbon
	Solid Particles	Filtering Media
	Sludge and Varnishes	Filtering Media
Cleaned Via		Filter Drier

Emerson Compacted Bead		Competitor Block Style
75/25	Desiccant Mix Molecular Sieve/Activated Alumina	75/25
20 microns	Filtration Size	40 microns
13 grams	Filtration Capacity	< 10 grams
99.9%	Filtration Efficiency	< 90%

Calculation based on 16 cu. in. drier