

# Emerson™ EK S-V Cap filter drier



## Superior protection for foodservice installations

Higher standards in food safety and a widening range of menu variations are forcing the foodservice industry to operate at an increased level of efficiency and performance. The newer refrigerants and POE oils introduced to meet industry standards work under a much more precise operating environment - one that must be essentially free of moisture and contamination. Excessive moisture and contamination levels can quickly lead to variations in the refrigerated setting. Foodservice professionals depend on their reach-in refrigerators and freezers to maintain a consistently cooled environment, and they count on their refrigeration contractor to keep them running at peak efficiency. Whether it's a new installation, field replacement or retrofit, the right filter drier is essential for reliable, long-lasting system protection.

## Superior protection

Emerson has optimized a filter drier for foodservice refrigeration systems with capillary tubes. The EK SV Cap filter drier provides:

- Measurably superior filtration of contaminants
- Drying of the refrigerant
- Removal of acids

This superior combination of filtration and moisture and acid removal provides better protection for the compressor and capillary tube versus any other filter drier on the market.

## Filtration comes first

The EK SV Cap filter drier is buffered by an initial 40-micron fiberglass filter to remove most of the solid contaminants and sludge, and a 20-micron final filter drier to remove any remaining contamination. This ensures that the refrigeration system will stay cleaner, longer than ever before, with a minimal pressure drop in the filter drier.

## Beaded means better

The difference is that synthetic polyol ester (POE) oils are protected from contaminants by the unique beaded desiccant. POE oils absorb up to 20 times more moisture than ordinary mineral oils. That's why the EK filter drier is designed to quickly absorb and remove any moisture before harmful acids can form. This means your cap tubes are less likely to clog, and your compressor will have better lubrication, even in a retrofit application.

## Easiest to Install

The EK SV Cap is the easiest filter drier to install, since the outlet is designed to accept the capillary tubing without the need for crimping down the outlet fitting and then sealing the entire fitting with a lot of braze alloy. This saves you time and also results in fewer capillary tube blockages due to braze alloy entering the capillary tube.

A Shraeder valve on the inlet side acts as a maintenance and charging port. The operational flexibility means that you can count on the filter drier for the most demanding applications.



*"I've found Emerson's EK 032 SV Cap filter drier to be an essential part of restaurant equipment renovation. It is the perfect size and fits the refurbished equipment nicely. Plus, the cap tube design makes it very easy to use and saves a lot of installation time. Overall, I have been extremely satisfied with this Emerson product."*

Frank Matthews,  
Refrigeration Specialist for Wasserstrom

Product Code Number	Description
063208	EK 032 SV CAP (3 cubic inch)
065846	EK 052 SV CAP (5 cubic inch)

## Technology designed to keep your reputation intact

To keep your customers satisfied, you must deliver the best technology, the best service, and the best protection. And with Emerson Climate Technologies you can deliver every time. Contractors around the world have turned to Emerson for the ultimate refrigeration solutions, all reinforced by unwavering customer support. And with breakthrough products like the EK filter drier, your customer's refrigeration systems will have a higher level of protection. The EK filter drier and all the essential Emerson Climate Technologies products are conveniently available at wholesalers worldwide. For information on local refrigeration wholesalers near you, visit [EmersonClimateContractor.com](http://EmersonClimateContractor.com)

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