

# Become A Filter-Drier Expert In 3 Steps!

System protection for Air-conditioning and Heat-pump systems begin with the liquid-line filter drier. Carrier®, Bryant® or Payne® Factory Authorized Parts™, and Totaline® P502-8 and P504-H/8 Series driers are designed as front-line contaminant and moisture controls for your environmentally friendly refrigerant systems.



## Step 1

Determine if you need to choose a Factory Authorized Parts™ (F. A. P.) drier or one of our premium Totaline® liquid-line or heat-pump driers.

To ensure your systems warranty is not compromised, use only F. A. P. specified driers while your unit is under warranty. See **Table 1\*** for Carrier®, Bryant® or Payne® most popular F. A. P. A/C and Heat-pump driers.

**Table 1**

F. A. P. Part No.	Type	Refrigerant
KH 43LG 072	HP	R-410A
KH 43LG 073	AC	R-410A
KH 43LG 074	AC	R-410A
KH 43LG 075	AC	R-410A
KH 43LG 085	AC	R-410A
KH 43LG 093	AC	R-410A
KH 43LZ 072	HP	R-410A
KH 43LZ 073	HP	R-410A

F. A. P. Part No.	Type	Refrigerant
KH 45LD 065	AC	R-22
KH 45LD 118	AC	R-22
KH 45LD 119	AC	R-22
KH 45LE 120	AC	R-22
KH 45LE 170	AC	R-22
KH 45LE 171	AC	R-22

\* **Note:** Please refer to EPIC for the correctly sized part number for your unit/model.

## Step 2

For out-of-warranty polyolester (POE) oil applications, use the best liquid-line driers on the aftermarket - Totaline® P502-8 Series filter driers, and P504-H/8 Series heat-pump driers. The P502-8 and P504-H/8 Series driers are premium universal replacements for CFC, HCFC, and HFC refrigerants, not only for out-of-warranty Carrier®, Bryant® or Payne® units, but all other A/C and Heat-pump systems in the market as well. For superior system protection, Totaline® gives you performance at a competitive price!

Our Totaline® P502-8 Series compacted bead filter driers are not only the best performers on the market, but are very competitively priced. With the industry's move to R-410A systems and R-22 using POE oils, compacted bead driers **must be used** and in fact **are required** due to higher moisture content in high-pressure applications.

The most important function of a drier is its ability to remove moisture. Water in POE systems can create unwanted organic acids. You can depend on the superior filtration of Totaline® P502-8 and P504-H/8 Series for your units protection. Designed to combat both water and acids, our specially blended high-water capacity molecular sieve and high-acid capacity activated alumina desiccants provide for maximum moisture and acid removal. Choose Totaline®, don't depend on low-cost alternatives in the aftermarket today. See **Table 2** for our most popular liquid-line and heat-pump Totaline® driers.



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## Step 2

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## Step 2 *continued*

### TOTALINE® HEAT PUMP FILTER-DRIERS P504-H/8 SERIES

Table 2

Totaline® Part No.	Connection Type	Volume Of Desiccant (cu in)	Connection Size	System Tonnage
P504-H(8)083S	ODF	08	3/8	1 - 3
P504-H(8)084S	ODF	08	1/2	1 - 3
P504-H(8)085S	ODF	08	5/8	1 - 3
P504-H(8)163S	ODF	16	3/8	1 - 8
P504-H(8)164S	ODF	16	1/2	1 - 8
P504-H(8)165S	ODF	16	5/8	1 - 8

### TOTALINE® LIQUID LINE FILTER-DRIERS P502-8 SERIES

Totaline® Part No.	Connection Type	Volume Of Desiccant (cu in)	Connection Size	System Tonnage
P502-8083S	ODF	08	3/8	1-1/2 - 2-1/2
P502-8084S	ODF	08	1/2	1-1/2 - 2-1/2
P502-8162S	ODF	16	1/4	3 - 6
P502-8163S	ODF	16	3/8	3 - 6
P502-8164S	ODF	16	1/2	3 - 6
P502-8165S	ODF	16	5/8	3 - 6
P502-8303S	ODF	30	3/8	7 - 9
P502-8304S	ODF	30	1/2	7 - 9
P502-8305S	ODF	30	5/8	7 - 9

## Step 3

Table 3

### TOTALINE® LIQUID LINE FILTER-DRIERS P502-C SERIES

Totaline® Part No.	Replaces SPORLAN	Replaces EMERSON	Replaces DANFOSS	Replaces PARKER
P502-C083S	C-083-S	ADK-083S	DCL 083S	083S-LLD
P502-C084S	C-084-S	ADK-084S	DCL 084S	084S-LLD
P502-C163S	C-163-S	ADK-163S	DCL 163S	163S-LLD
P502-C164S	C-164-S	ADK-164S	DCL 164S	164S-LLD
P502-C165S	C-165-S	ADK-165S	DCL 165S	165S-LLD
P502-C303S	C-303-S	ADK-303S	DCL 303S	303S-LLD
P502-C304S	C-304-S	ADK-304S	DCL 304S	304S-LLD
P502-C305S	C-305-S	ADK-305S	DCL 305S	305S-LLD

When the competitive situation requires that you need a liquid-line drier with solid core construction, compare the Totaline® P502-C Series liquid-line drier to other solid core driers on the aftermarket such as Sporlan's Catch-All, or Emerson's ADK driers. Choose Totaline®, the superior choice! See **Table 3** for a cross reference to our most popular Totaline® solid core liquid-line driers.

To view a video of the superior performance of Totaline® Filter-Driers vs competitive models follow the link below or if capable scan the QR code to the right. <https://www.youtube.com/watch?v=OcQfrkdlllog&feature=youtu.be>



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