



La línea de protecciones de Flow Control se compone por una familia de filtros, secadores y elementos de control.

El fin de estos es mantener el circuito de aire acondicionado o refrigeración libre de impurezas, garantizando el funcionamiento correcto y la longevidad de las partes que lo componen.

Sin importar las precauciones que se tomen a la hora de instalar el sistema, las impurezas y los contaminantes existen y pueden afectar el desempeño de los equipos.

Existen todo tipo de residuos que van desde la suciedad y el polvo hasta pequeñas piezas metálicas, agua, aceites e incluso ácidos.



Filtros Secadores para Línea de Líquido – Serie EK**Aplicación**

- Filtro secador Premium de reborde compacto con una malla de salida final fina de 20 micrones para el máximo filtrado.
- Filtro-secador de línea de líquido de recambio universal Premium para refrigerantes CFC, HCFC y HFC, incluyendo a R-12, R-134a, R-22, R-404A, R-407C, R-410A, R-500, R-502, R-507

Características

- Primer filtrado para un uso más eficaz de la superficie del desecante
- Gran eliminación de humedad y ácido
- Ajustes de cobre sólido
- Acabado de pintura con polvo epoxi anticorrosiva
- Aprobado por Copeland para Aceites POE

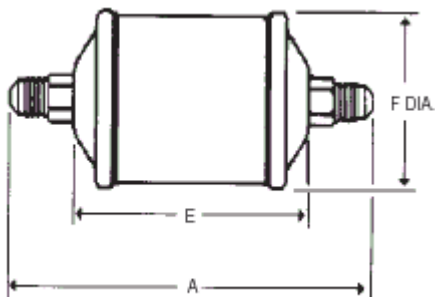
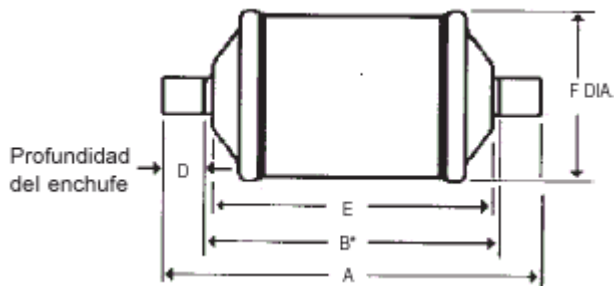
**Especificaciones**

- Mezcla de desecante - 75% tamizado molecular y 25% alúmina activada
- Filtrado: 20 micrones
- Presión operativa máxima: 680 psig

Nomenclatura

| | | | |
|---------------|------------------------------|---------------------------|--------------------------------------|
| EK | 08 | 3 | S |
| Serie Secador | Medida Unid. (en pulg. cúb.) | Medida Conexión (en 1/8") | S = ODF conexiones (omitir para SAE) |

Dimensiones (en pulgadas)



| NCP* | Número Modelo | Dimensiones | | | | | Peso de Embarque (en libras) |
|--------|---------------|-------------|---------|-------|---------|---------|------------------------------|
| | | A | B | D | E | F | |
| 060009 | EK 032 | 4-3/8 | - | - | 2-9/16 | 1-5/8 | 1/2 |
| 060012 | EK 032S | 3-7/8 | 3-1/8 | 3/8 | | | |
| 063208 | EK 032SV CAP | - | - | - | | | |
| 060011 | EK 032FM | 3-1/2 | - | - | | | |
| 060010 | EK 032MF | 3-1/2 | - | - | | | |
| 060013 | EK 033 | 4-11/16 | - | - | | | |
| 060014 | EK 033S | 4-1/16 | 3-3/16 | 7/16 | 3 | 7/8 | |
| 047601 | EK 052 | 4-13/16 | - | - | | | |
| 057013 | EK 052MF | 4-1/2 | - | - | | | |
| 047602 | EK 052S | 4-7/16 | 3-11/16 | 3/8 | | | |
| 047603 | EK 053 | 5-1/8 | - | - | | | |
| 057604 | EK 053S | 4-1/2 | 3-5/8 | 7/16 | | | |
| 047605 | EK 082 | 5-5/8 | - | - | 3-13/16 | 2-5/8 | 1-1/4 |
| 047606 | EK 082S | 5-1/4 | 4-1/2 | 3/8 | | | |
| 049551 | EK 0825S | 5-3/8 | 4-3/8 | 1/2 | | | |
| 056906 | EK 083MF | 5-15/16 | - | - | | | |
| 047607 | EK 083 | 5-15/16 | - | - | | | |
| 047608 | EK 083S | 5-5/16 | 4-7/16 | 7/16 | | | |
| 047609 | EK 084 | 6-3/16 | - | - | 4-3/4 | 1-1/2 | |
| 047610 | EK 084S | 5-3/8 | 4-3/8 | 1/2 | | | |
| 047611 | EK 162 | 6-9/16 | - | - | | | |
| 047612 | EK 162S | 6-3/16 | 5-7/16 | 3/8 | | | |
| 056045 | EK 1625S | 5-15/16 | 5-5/16 | 5/16 | | | |
| 047613 | EK 163 | 6-7/8 | - | - | | | |
| 047614 | EK 163S | 6-1/4 | 5-7/16 | 7/16 | 7-1/2 | 3-1/16 | 3-3/4 |
| 047615 | EK 164 | 7-1/16 | - | - | | | |
| 047616 | EK 164S | 6-5/16 | 5-5/16 | 1/2 | | | |
| 047617 | EK 165 | 7-1/2 | - | - | | | |
| 047618 | EK 165S | 6-9/16 | 5-5/16 | 5/8 | | | |
| 047619 | EK 167S | 7-1/2 | 5-5/8 | 3/4 | | | |
| 048210 | EK 303 | 9-5/8 | - | - | 7-5/8 | 3-11/16 | 4-3/4 |
| 048211 | EK 303S | 9 | 8-1/8 | 7/16 | | | |
| 048212 | EK 304 | 9-7/8 | - | - | | | |
| 048213 | EK 304S | 9-1/8 | 8-1/8 | 1/2 | | | |
| 048214 | EK 305 | 10-5/16 | - | - | | | |
| 048215 | EK 305S | 9-5/16 | 8-1/16 | 5/8 | | | |
| 048216 | EK 306S | 9-11/16 | 8-7/16 | 5/8 | | | |
| 048217 | EK 307S | 9-7/8 | 8-3/8 | 3/4 | 7-5/8 | 3-11/16 | 4-3/4 |
| 048218 | EK 309S | 10-1/4 | 8-7/16 | 15/16 | | | |
| 048219 | EK 413 | 9-3/4 | - | - | | | |
| 048220 | EK 414 | 10 | - | - | | | |
| 048221 | EK 414S | 9-1/4 | 8-1/4 | 1/2 | | | |
| 048222 | EK 415 | 10-7/16 | - | - | | | |
| 048223 | EK 415S | 9-7/16 | 8-3/16 | 5/8 | 7-5/8 | 3-11/16 | 4-3/4 |
| 048224 | EK 417S | 10 | 8-1/2 | 3/4 | | | |



Protecciones y Filtros Flow Control

| | | | | | | | |
|--------|---------|---------|----------|-------|---------|---------|-------|
| 048225 | EK 419S | 10-5/16 | 8-1/2 | 3/4 | 7-5/8 | 3-11/16 | 7-1/2 |
| 048228 | EK 757S | 15-7/16 | 13-15/16 | 3/4 | 13-1/16 | | |
| 048229 | EK 759S | 15-3/4 | 13-7/8 | 15/16 | | | |

Cuadros de Capacidad

| DESCRIPCION | CONEXIONES | CAPACIDAD DE FLUJO TON. C/ 1 psi DP (1)(2) (Para kW, multiplique ton. X 3.5(3)) | | | | | | CAPACIDAD DE AGUA (4) GOTAS DE AGUA (5) | | | | | | | | | | | | | | |
|-------------|-----------------|---|-------|--------|-----------------|--------|----------------|--|-------|------|--------|------|-------|------|--------|------|--------|------|------------|------|-------|--|
| | | R-12 | | R-134a | R-22/ R-410A | R-407C | R-404A/ 507 | R-502 | R-12 | | R-134a | | R-22 | | R-407C | | R-410A | | R-404A/507 | | R-502 | |
| | | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | 75°F | 125°F | |
| EK 03 2 FM | 1/4 HemEn SAE | 1.6 | 2.0 | 2.2 | 2.1 | 1.4 | 1.4 | | | | | | | | | | | | | | | |
| EK 03 2 MF | 1/4 MachoEn SAE | 1.6 | 2.0 | 2.2 | 2.1 | 1.4 | 1.4 | | | | | | | | | | | | | | | |
| EK 03 2 | 1/4 SAE | 1.6 | 2.0 | 2.2 | 2.1 | 1.4 | 1.4 | | | | | | | | | | | | | | | |
| EK 03 2 S | 1/4 ODF | 2.2 | 2.7 | 2.9 | 2.9 | 2.0 | 1.9 | 47 | 41 | 40 | 37 | 40 | 33 | 33 | 25 | 21 | 19 | 38 | 37 | 42 | 37 | |
| EK 032 SV | 1/4 ODF | 2.2 | 2.7 | 2.9 | 2.9 | 2.0 | 1.9 | | | | | | | | | | | | | | | |
| EK 03 3 | 3/8 SAE | 2.5 | 3.0 | 3.3 | 3.2 | 2.2 | 2.1 | | | | | | | | | | | | | | | |
| EK 03 3 S | 3/8 ODF | 2.5 | 3.0 | 3.3 | 3.2 | 2.2 | 2.1 | | | | | | | | | | | | | | | |
| EK 05 2 FM | 1/4 HemEn SAE | 1.7 | 2.1 | 2.3 | 2.2 | 1.5 | 1.5 | | | | | | | | | | | | | | | |
| EK 05 2 MF | 1/4 MachoEn SAE | 1.7 | 2.1 | 2.3 | 2.2 | 1.5 | 1.5 | | | | | | | | | | | | | | | |
| EK 05 2 | 1/4 SAE | 1.7 | 2.1 | 2.3 | 2.2 | 1.5 | 1.5 | | | | | | | | | | | | | | | |
| EK 05 2 S | 1/4 ODF | 2.7 | 3.3 | 3.6 | 3.5 | 2.4 | 2.3 | 133 | 119 | 116 | 106 | 114 | 97 | 95 | 75 | 64 | 58 | 109 | 106 | 120 | 107 | |
| EK 05 3 MF | 3/8 MachoEn SAE | 2.9 | 3.5 | 3.8 | 3.7 | 2.5 | 2.5 | | | | | | | | | | | | | | | |
| EK 05 3 | 3/8 SAE | 2.9 | 3.5 | 3.8 | 3.7 | 2.5 | 2.5 | | | | | | | | | | | | | | | |
| EK 05 3 S | 3/8 ODF | 3.6 | 4.4 | 4.8 | 4.7 | 3.2 | 3.1 | | | | | | | | | | | | | | | |
| EK 08 2 FM | 1/4 HemEn SAE | 1.9 | 2.3 | 2.5 | 2.4 | 1.7 | 1.6 | | | | | | | | | | | | | | | |
| EK 08 2 MF | 1/4 MachoEn SAE | 1.9 | 2.3 | 2.5 | 2.4 | 1.7 | 1.6 | | | | | | | | | | | | | | | |
| EK 08 2 | 1/4 SAE | 1.9 | 2.3 | 2.5 | 2.4 | 1.7 | 1.6 | | | | | | | | | | | | | | | |
| EK 08 2 S | 1/4 ODF | 2.5 | 3.1 | 3.4 | 3.3 | 2.2 | 2.2 | | | | | | | | | | | | | | | |
| EK 08 25 S | 5/16 ODF | 2.9 | 3.5 | 3.8 | 3.7 | 2.5 | 2.5 | | | | | | | | | | | | | | | |
| EK 08 3 MF | 3/8 MachoEn SAE | 3.3 | 4.0 | 4.3 | 4.3 | 2.9 | 2.8 | 274 | 240 | 237 | 218 | 235 | 200 | 195 | 155 | 159 | 118 | 224 | 217 | 245 | 217 | |
| EK 08 3 | 3/8 SAE | 3.3 | 4.0 | 4.3 | 4.3 | 2.9 | 2.8 | | | | | | | | | | | | | | | |
| EK 08 3 S | 3/8 ODF | 3.7 | 4.5 | 4.9 | 4.8 | 3.3 | 3.2 | | | | | | | | | | | | | | | |
| EK 08 4 | 1/2 SAE | 5.5 | 6.7 | 7.3 | 7.1 | 4.9 | 4.7 | | | | | | | | | | | | | | | |
| EK 08 4 S | 1/2 ODF | 5.8 | 7.1 | 7.7 | 7.5 | 5.1 | 5.0 | | | | | | | | | | | | | | | |
| EK 16 2 MF | 1/4 MachoEn SAE | 1.9 | 2.3 | 2.5 | 2.4 | 1.7 | 1.6 | | | | | | | | | | | | | | | |
| EK 16 2 | 1/4 SAE | 1.9 | 2.3 | 2.5 | 2.4 | 1.7 | 1.6 | | | | | | | | | | | | | | | |
| EK 16 2 S | 1/4 ODF | 2.5 | 3.1 | 3.4 | 3.3 | 2.2 | 2.2 | | | | | | | | | | | | | | | |
| EK 16 25 S | 5/16 ODF | 2.5 | 3.1 | 3.4 | 3.3 | 2.2 | 2.2 | | | | | | | | | | | | | | | |
| EK 16 3 | 3/8 SAE | 3.2 | 3.9 | 4.2 | 4.1 | 2.8 | 2.7 | | | | | | | | | | | | | | | |
| EK 16 3 S | 3/8 ODF | 3.6 | 4.4 | 4.8 | 4.7 | 3.2 | 3.1 | 347 | 301 | 371 | 341 | 368 | 313 | 305 | 240 | 206 | 186 | 350 | 340 | 306 | 272 | |
| EK 16 4 | 1/2 SAE | 5.9 | 7.2 | 7.8 | 7.7 | 5.2 | 5.1 | | | | | | | | | | | | | | | |
| EK 16 4 S | 1/2 ODF | 7.0 | 8.5 | 9.2 | 9.0 | 6.2 | 6.0 | | | | | | | | | | | | | | | |
| EK 16 5 | 5/8 SAE | 8.0 | 9.7 | 10.5 | 10.3 | 7.0 | 6.8 | | | | | | | | | | | | | | | |
| EK 16 5 S | 5/8 ODF | 8.3 | 10.1 | 10.9 | 10.7 | 7.3 | 7.1 | | | | | | | | | | | | | | | |
| EK 16 7 S | 7/8 ODF | 12.7 | 15.5 | 16.8 | 16.5 | 11.2 | 10.9 | | | | | | | | | | | | | | | |
| EK 30 3 | 3/8 SAE | 3.5 | 4.3 | 4.7 | 4.6 | 3.1 | 3.0 | | | | | | | | | | | | | | | |
| EK 30 3 S | 3/8 ODF | 5.2 | 6.3 | 6.8 | 6.7 | 4.6 | 4.4 | | | | | | | | | | | | | | | |
| EK 30 4 | 1/2 SAE | 6.6 | 8.1 | 8.8 | 8.6 | 5.9 | 5.7 | | | | | | | | | | | | | | | |
| EK 30 4 S | 1/2 ODF | 8.2 | 10.0 | 10.8 | 10.6 | 7.2 | 7.0 | | | | | | | | | | | | | | | |



Protecciones y Filtros Flow Control

| | | | | | | | | | | | | | | | | | | | | | |
|-----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EK 30 5 | 5/8 SAE | 8.7 | 10.6 | 11.5 | 11.3 | 7.7 | 7.5 | 601 | 526 | 664 | 611 | 657 | 561 | 548 | 434 | 515 | 355 | 627 | 608 | 536 | 477 |
| EK 30 5 S | 5/8 ODF | 10.3 | 12.5 | 13.5 | 13.3 | 9.1 | 8.8 | | | | | | | | | | | | | | |
| EK 30 6 S | 3/4 ODF | 12.1 | 14.8 | 16.0 | 15.7 | 10.7 | 10.4 | | | | | | | | | | | | | | |
| EK 30 7 S | 7/8 ODF | 13.8 | 16.8 | 18.2 | 17.9 | 12.2 | 11.8 | | | | | | | | | | | | | | |
| EK 30 9 S | 1 1/8 ODF | 16.1 | 19.6 | 21.2 | 20.8 | 14.2 | 13.8 | | | | | | | | | | | | | | |
| EK 41 3 | 3/8 SAE | 3.5 | 4.3 | 4.7 | 4.6 | 3.1 | 3.0 | | | | | | | | | | | | | | |
| EK 41 4 | 1/2 SAE | 8.5 | 10.4 | 11.3 | 11.1 | 7.5 | 7.3 | | | | | | | | | | | | | | |
| EK 41 4 S | 1/2 ODF | 8.9 | 10.8 | 11.7 | 11.5 | 7.8 | 7.6 | | | | | | | | | | | | | | |
| EK 41 5 | 5/8 SAE | 9.8 | 12.0 | 13.0 | 12.8 | 8.7 | 8.5 | 1104 | 971 | 938 | 854 | 919 | 785 | 765 | 607 | 715 | 465 | 876 | 850 | 991 | 884 |
| EK 41 5 S | 5/8 ODF | 13.9 | 17.0 | 18.4 | 18.1 | 12.3 | 12.0 | | | | | | | | | | | | | | |
| EK 41 7 S | 7/8 ODF | 16.6 | 20.3 | 22.0 | 21.6 | 14.7 | 14.3 | | | | | | | | | | | | | | |
| EK 41 9 S | 1 1/8 ODF | 22.7 | 27.7 | 30.0 | 29.4 | 20.1 | 19.5 | | | | | | | | | | | | | | |
| EK 75 7 S | 7/8 ODF | 18.2 | 22.2 | 24.1 | 23.6 | 16.1 | 15.6 | 2368 | 2159 | 2159 | 2019 | 2159 | 1880 | 1810 | 1460 | 1460 | 1111 | 2019 | 2019 | 2229 | 2019 |
| EK 75 9 S | 1 1/8 ODF | 26.8 | 32.7 | 35.4 | 34.8 | 23.7 | 23.0 | | | | | | | | | | | | | | |