ADVANTAGE SERIES FILTER FANS
KBFF13PAUF MODELS

STANDARD FEATURES
Mounts Quickly and Easily
Attractive Appearance
Requires no Mounting Hardware
Integral Finger-Guards
Most Assemblies are CE Approved
Type 12 Rating Maintained (if used with provided filter)
UL Shielded Ball Bearing Motors
Integrated Sealing Gasket
Washable Thermolinked Progressive Structure Synthetic Filter
Electrical Connection: Terminal block 2 poles L-N
Standard color: RAL 7035, Light Grey (See How to Order)

ACCESSORIES AND OPTIONS
Grille Color: RAL 9005, Black (See How to Order)
Grille Assembly (P/N: KBFA13U)
Replacement Filters (P/N: KFM13)
Reversed Airflow Direction

PERFORMANCE CHARTS

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Normally In Stock</th>
<th>Voltage</th>
<th>Frequency Hz</th>
<th>Input Amps</th>
<th>Input Watts</th>
<th>Max. Airflow CFM</th>
<th>Static Pressure INCH. W.</th>
<th>Noise db(A)</th>
<th>Operating Temp. °F</th>
<th>Approx. Weight</th>
<th>Agency Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>KBFF13PAUF</td>
<td>Yes</td>
<td>115 VAC</td>
<td>50/60</td>
<td>.213/.202</td>
<td>19/18</td>
<td>58.8/64.7</td>
<td>.22/.24</td>
<td>46/49</td>
<td>14</td>
<td>2.6</td>
<td>1, 2, 5</td>
</tr>
<tr>
<td>KBFF13PAUFR**</td>
<td></td>
<td>115 VAC</td>
<td>50/60</td>
<td>.215/.200</td>
<td>18/18</td>
<td>58.8/64.7</td>
<td>.28/.32</td>
<td>46/49</td>
<td>14</td>
<td>2.6</td>
<td>1, 2, 5</td>
</tr>
<tr>
<td>K2BFF13PAUF</td>
<td>Yes</td>
<td>230 VAC</td>
<td>50/60</td>
<td>.106/.100</td>
<td>18/18</td>
<td>58.8/76.5</td>
<td>.22/.24</td>
<td>48/54</td>
<td>14</td>
<td>2.6</td>
<td>1, 2, 5</td>
</tr>
<tr>
<td>K2BFF13PAUFR**</td>
<td></td>
<td>230 VAC</td>
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</tr>
</tbody>
</table>

* Fan with grille airflow filter.
** Optional reverse airflow.

DRAWINGS

Dimensions, inches [mm], are for reference only and are subject to change.

Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.
DESCRIPTION
In response to industry demands for small, versatile cooling units, Kooltronic now offers the new Advantage Series Filter Fans. Unique to the series is a clean, linear design, characterized by its extremely flat profile, which keeps the unit from protruding from the cabinet wall. The new Advantage Series Filter Fans offer convenience, versatility and reliability:

FAST MOUNTING: With elastic hooks and an integrated seal, the Advantage Series Filter Fans can be mounted easily into the opening provided on the panel. There is no need for extra screws or preparation.

WIDE RANGE OF MOUNTING DIMENSIONS: The precise planning of the elastic hooks and gaskets allow the fans to be mounted in openings with a tolerance range of 0.059 inches [1.5mm] and a plate thickness of between 0.039 inches [1.0mm] and 0.083 inches [2.1mm].

ELECTRICAL CONNECTION: Terminal block 2 poles L-N.

COMPONENT CHARACTERISTICS
- Standard airflow direction is from the outside to the inside of the cabinet.
- All materials used for the components can be recycled.
- Mounting hardware is not required when using the “snap-in” method which utilizes elastic hooks. Otherwise four self-threading screws are used.
- The plastic enclosure with integral finger guards consists of an ABS/PC alloy (Blend) and is self-extinguishing according to UL94V-0.
- The standard filter media consists of thermolinked, progressive structure synthetic fiber.
- Filters are stable up to 100ºC and 100% rh. (Filters are necessary in order to maintain Type 12 Rating).
- Filtering class G3, according to EN 779.
- Filters guarantee a continuously high level of protection according to EU4, with an 85% separation efficiency according to DIN 24185 Standard. NOTE: Filter media is washable about 10 times.
- Dust retention capacity is particularly high (600 g/m2), which reduces maintenance.

ACCESSORIES AND OPTIONS
- Filter fans can be supplied with reversed airflow direction (from inside the cabinet to outside).
- Standard color is RAL 7035, Light Grey. RAL 9005, Black, is available as an option. Depending on the request and quantity, the plastic parts can be supplied in other colors.
- Replacement filters (P/N: KFM13).
- Grille assemblies (P/N: KBFA13U).

HOW TO ORDER

RAL 7035 (Light Grey) is standard color (designated by U in model number). Fans are also available in RAL 9005 (Black). To order Black fan, substitute N for U in model number. Example: KBFF13PAUF for RAL 7035 (Light Grey) and KBFF13PANF for RAL 9005 (Black).

To order fan with reverse airflow, add R to model number. Example: KBFF13PAUFR.