### Combination of fixing tools

Choose the winding direction, fixing tools and layout from the followings to suit your oil cooler’s shape and installation space paying attention to obstacles.

*Other combinations not listed herein are invalid.*

<table>
<thead>
<tr>
<th>Fixing tools</th>
<th>Vertical arrangement</th>
<th>Horizontal arrangement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clamp Stay</strong></td>
<td>![Image] Clamp Stay</td>
<td>Clamp Stay 57</td>
</tr>
<tr>
<td><strong>Clamp Stay</strong></td>
<td>![Image] Clamp Stay</td>
<td>Clamp Stay</td>
</tr>
<tr>
<td><strong>Magnet Stay</strong></td>
<td>![Image] Magnet Stay</td>
<td>Clamp Stay 50</td>
</tr>
<tr>
<td><strong>Clamp Stay</strong></td>
<td>![Image] Clamp Stay</td>
<td>Clamp Stay</td>
</tr>
<tr>
<td><strong>Magnet Stay</strong></td>
<td>![Image] Magnet Stay</td>
<td>Clamp Stay 50</td>
</tr>
<tr>
<td><strong>Clamp Stay</strong></td>
<td>![Image] Clamp Stay</td>
<td>Clamp Stay</td>
</tr>
<tr>
<td><strong>Magnet Stay</strong></td>
<td>![Image] Magnet Stay</td>
<td>Clamp Stay 50</td>
</tr>
<tr>
<td><strong>Clamp Stay</strong></td>
<td>![Image] Clamp Stay</td>
<td>Clamp Stay</td>
</tr>
<tr>
<td><strong>Magnet Stay</strong></td>
<td>![Image] Magnet Stay</td>
<td>Clamp Stay 50</td>
</tr>
</tbody>
</table>

### Model numbers

<table>
<thead>
<tr>
<th>KURU KURU Filter</th>
<th>Clamp Stay</th>
<th>Magnet Stay</th>
</tr>
</thead>
<tbody>
<tr>
<td>OKF-AOC320-AW</td>
<td>OKF-CS320-01</td>
<td>OKF-MS01</td>
</tr>
<tr>
<td>OKF-AOC430-AW</td>
<td>OKF-CS430-01</td>
<td>OKF-MS01</td>
</tr>
<tr>
<td>OKF-AOC520-AW</td>
<td>OKF-CS520-01</td>
<td>OKF-MS01</td>
</tr>
</tbody>
</table>

Both of Winding Case and Filter Case require respective stays. Please make sure to include the stays when purchasing.

### Installation space

![Image]

- [View from the top] Inserted object (Top surface)
- Orientation of Winding Case

#### Installation space

- [View from the top]

- [Wrong way up]

- [Example: Illustration as NG can lead to product failure by allowing oil to enter into the Winding Case in oily environments.]

### Maintenance-free up to 2 years

**KURU KURU Filter** for oil chillers

- **Automatic rolling up**: eliminates troublesome filter replacement!
- **Oil chiller use models**: newly joined the lineup

Winds up automatically

Freely adjustable

#### Automatic rolling up

- Eliminates troublesome filter replacement!
- Oil chiller use models newly joined the lineup

Winds up automatically

Freely adjustable

#### KURU KURU Filter

- **User-selectable mounting**: 8 different mounting styles are available by combinations of layout and the Stays (*Not limited to oil chillers*)
- **Adjustable movement**: Winding length can be adjusted in 9 levels to meet every environment (A filter can last 2 years at maximum)
- **Easy serviceability**: No tool required for filter replacement
- **Compact design**: Designed compact to fit oil chiller sizes

#### Failure rate and energy consumption increase with increase of filter dirt.

Kuru Kuru Filter ensures stable and energy-saving operation of the equipment.

#### Models

- **OKF-A160-BT**
- **OKF-A350-BT**
- **OKF-AOC320-AW**
- **OKF-AOC430-AW**
- **OKF-AOC520-AW**

#### New

- **in 3 sizes!**

Head Office: 7000-21 Nakagawa, Hoseo, Kita-ku, Hamamatsu, Shizuoka, 431-1304 Japan
URL: [https://www.ohm.jp/e-index.html](https://www.ohm.jp/e-index.html)
### Model/Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>OKF-AOC320-AW</th>
<th>OKF-AOC430-AW</th>
<th>OKF-AOC520-AW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter width</td>
<td>320 mm</td>
<td>430 mm</td>
<td>520 mm</td>
</tr>
<tr>
<td>Filter length</td>
<td>4500 mm</td>
<td>4500 mm</td>
<td>4500 mm</td>
</tr>
<tr>
<td>Collection rate</td>
<td>1 x 1 &lt;sup&gt;1&lt;/sup&gt;</td>
<td>35%</td>
<td>8.1%</td>
</tr>
<tr>
<td>Rated pressure loss</td>
<td>0.03 A (100 V AC) / 0.035 A (240 V AC)</td>
<td>2.5 W</td>
<td></td>
</tr>
<tr>
<td>Rated current consumption</td>
<td>1 pc.</td>
<td>8 pcs.</td>
<td>2 pcs.</td>
</tr>
<tr>
<td>Rated power consumption</td>
<td>1 pc.</td>
<td>1 pc.</td>
<td>1 pc.</td>
</tr>
<tr>
<td>Mounting method</td>
<td>Fitting by Clamp Stay/Magnet Stay</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Function</td>
<td>Winding length setting, Filter replacement warning, Winding error warning, Winding overload warning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power cable</td>
<td>3-core power cable, 2 m (conductor size 0.75 sq mm) , Finished outer dia. 7.3 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power connection</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Working humidity</td>
<td>Max. 80%, free from condensation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worker</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Filter width A</td>
<td>35 mm</td>
<td>25 mm</td>
<td>40 mm</td>
</tr>
<tr>
<td>Filter width B</td>
<td>50 (Stroke amount)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filter case</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filter</td>
<td>75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winding length</td>
<td>30s or less</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winding length setting</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winding error warning</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winding overload warning</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ignition of marking cotton by melting droplets</td>
<td>35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

- Roll filter
- M4 screw
- Aluminium pipe for Filter Guide
- Warning sticker
- Setting value sticker
- Filter replacement instructions
- Instruction manual
- 2-M4
- Filter case
- Wing bolt M5×65
- Square nut M5
- 1 pc.
- 8 pcs.
- 2 pcs.
- 1 pc.
- 1 pc.
- 2 pcs.
- 2 pcs.
- 1 pc.
- 2 pcs.
- 2 pcs.
- 1 pc.
- 2 pcs.

### Optional Clamp Stays

- Wing bolt M5x65 2 pcs., Square nut M5 2 pcs.
- Part No. OKF-CS320-01 OKF-CS430-01 OKF-CS520-01
- Accessories
- Part No. 1 pc. 1 pc. 1 pc.
- Color Black Black Black
- Weight 1.4 kg 1.6 kg 1.8 kg

### Optional Clamp Stays

- Wing bolt M5×30 Square nut M5
- Part No. 8 pcs. 8 pcs. 8 pcs.
- Accessories
- Part No. 2 pcs. 2 pcs. 2 pcs.
- Color Black Black Black
- Weight 1.6 kg 1.4 kg 1.8 kg

### Environmental standard

- RoHS2
- 0 to 50
- Max. 80%RH, free from condensation
- JACA No.11A-2003 Class 3
- 0.05A (100V AC) / 0.035A (240V AC)

### Option - Clamp Stay

<table>
<thead>
<tr>
<th>Part No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>OKF-CS320-01</td>
<td>340</td>
<td>395</td>
<td>425.5</td>
<td>435</td>
<td>290</td>
</tr>
<tr>
<td>OKF-CS430-01</td>
<td>415</td>
<td>505</td>
<td>530</td>
<td>545</td>
<td>300</td>
</tr>
<tr>
<td>OKF-CS520-01</td>
<td>540</td>
<td>595</td>
<td>595</td>
<td>635</td>
<td>490</td>
</tr>
</tbody>
</table>

### Option - Magnet Stay

- Wing bolt M5x65
- Part No. OKF-M501
- Accessories
- Part No. 2 pcs. 2 pcs. 2 pcs.
- Color Black Black Black
- Weight 0.3 kg (2 pieces) 0.3 kg (2 pieces) 0.3 kg (2 pieces)

### Option - Magnet Stay

- Wing bolt M5x65
- Part No. OKF-M501
- Accessories
- Part No. 2 pcs. 2 pcs. 2 pcs.
- Color Black Black Black
- Weight 0.3 kg (2 pieces) 0.3 kg (2 pieces) 0.3 kg (2 pieces)

### Option - Magnet Stay

- Wing bolt M5x65
- Part No. OKF-M501
- Accessories
- Part No. 2 pcs. 2 pcs. 2 pcs.
- Color Black Black Black
- Weight 0.3 kg (2 pieces) 0.3 kg (2 pieces) 0.3 kg (2 pieces)