AC MODEL COOLING SYSTEM UPDATE



PRODUCT Seakeeper 5 / Seakeeper 6 / Seakeeper 9 / Seakeeper 26

OVERVIEW

The purpose of this document is to inform Seakeeper installers of a cooling water system change to select AC powered Seakeeper models: Seakeeper 5, Seakeeper 6, Seakeeper 9, and Seakeeper 26. The updated cooling system includes a new wire harness, heat exchangers, and optional DC seawater pump. This change will be introduced on the Seakeeper 26 in October 2025 on Serial # 26-253-0860. The changes have previously cut-in on the Seakeeper 5/6/9 models in Q1 2021 at Serial # 5/6-211-2771 and 9-212-3388. The impacts on Seakeeper 5/6/9/26 installations and the relevant drawings are outlined in the following sections.

Note, other AC powered Seakeeper Models - Seakeeper 4.5, Seakeeper 10, Seakeeper 14, Seakeeper 18, and Seakeeper 40 - all launched with the on-demand DC seawater configuration and therefore this bulletin does not apply.

SEAKEEPER 26 INSTALLATION CHANGES

The changes to the Seakeeper 26 cooling systems will require the following installation changes:

- 1. The Seakeeper 26 seawater pump will be changed from a 240 VAC to a 24 VDC power supply.
- 2. The seawater pump 24 VDC output (CABLE 5) will be updated to a 2 x 16 AWG cable.
- 3. An additional conductor (CABLE 8) will be added to the Seakeeper 26 wire harness to provide a dedicated 24 VDC seawater pump power supply, as seen in the Cable Block Diagram.
- 4. The overcurrent protection must be sized for the DC seawater pump installed, with a 15A maximum.
- 5. Beginning in October 2025 Seakeeper will offer a Jabsco 24 VDC Seawater Pump (P/N 30322) as an option for the Seakeeper 26 which will be covered under the Seakeeper Standard Warranty.

SEAKEEPER 26 DRAWING UPDATES

The following documents will be updated to include the changes outlined in the previous section:

- 90310, Seakeeper 26 Cable Block Diagram
- 90320, Seakeeper 26 Cooling Water Schematic
- 30322, SeaFlo 12/24 VDC Seawater Pump Assembly

SEAKEEPER 9 INSTALLATION CHANGES

The changes to the Seakeeper 9 cooling systems will require the following installation changes:

- 6. The Seakeeper 9 seawater pump will be changed from a 240 VAC to a 24 VDC power supply.
- 7. The seawater pump 24 VDC output (CABLE 5) will be updated to a 2 x 16 AWG cable.
- 8. An additional conductor (CABLE 8) will be added to the Seakeeper 9 wire harness to provide a dedicated 24 VDC seawater pump power supply, as seen in the Cable Block Diagram.
- 9. The overcurrent protection must be sized for the DC seawater pump installed, with a 15A maximum.
- 10. Seakeeper offers the Seaflo 12/24 VDC Seawater Pump Assembly (P/N 30331) as an option for the Seakeeper 9 and is covered under the **Seakeeper Standard Warranty**.

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AC MODEL COOLING SYSTEM UPDATE



PRODUCT Seakeeper 5 / Seakeeper 6 / Seakeeper 9 / Seakeeper 26

SEAKEEPER 9 DRAWING UPDATES

The following documents will be updated to include the changes outlined in the previous section:

- 90257, Seakeeper 9-7HD Cable Block Diagram
- 90251, Seakeeper 9-7HD Cooling Water Schematic
- 30331, SeaFlo 12/24 VDC Seawater Pump Assembly

SEAKEEPER 5/6 INSTALLATION CHANGES

The changes to the Seakeeper 5/6 cooling systems require the following installation changes:

- 1. The Seakeeper 5/6 seawater pump will be changed from an AC to a 12 or 24 VDC power supply.
- 2. The seawater pump power output (CABLE 5) will be updated to a 2×16 AWG cable.
- 3. An additional conductor (CABLE 8) will be added to the Seakeeper 5 and 6 wire harness to provide a dedicated 12 or 24 VDC seawater pump power supply, as seen in the Cable Block Diagram.
- 4. The overcurrent protection must be sized for the seawater pump installed, with a maximum of 15A.
- 5. The minimum seawater flow requirement will be reduced to 2.5 GPM / 9.5 LPM.
- 11. Seakeeper offers the Seaflo 12/24 VDC Seawater Pump Assembly (P/N 30331) as an option for the Seakeeper 5/6 and is covered under the <u>Seakeeper Standard Warranty</u>.

SEAKEEPER 5/6 DRAWING UPDATES

The following documents will be updated to include the changes outlined in the previous section:

- 90396, Seakeeper 6-5 Cable Block Diagram
- 90397, Seakeeper 6-5 Cooling Water Schematic
- 30331, SeaFlo 12/24 VDC Seawater Pump Assembly

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