

COOLING SYSTEM UPDATE



PRODUCT Seakeeper 5 / Seakeeper 6 / Seakeeper 9

OVERVIEW

The purpose of this document is to inform Seakeeper installers of a change to the Seakeeper 5, Seakeeper 6, and Seakeeper 9 Cooling Water Systems. A new heat exchanger and wire harness was integrated into Seakeeper 5/6 models in **February 2021** at Serial # 5/6-211-2771. The same updates on the Seakeeper 9 update will begin shipping in **Late-April 2021** at Serial # 9-212-3388. The impacts on Seakeeper 5/6/9 installations and the relevant drawings are outlined in the following sections.

SEAKEEPER 9 INSTALLATION CHANGES

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

1. The Seakeeper 9 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 9 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 **April 2021** Seakeeper will offer a DC Seawater Pump (P/N 30331) as an option for the Seakeeper 9. The SeaFlo 12/24 VDC Seawater Pump will be covered under the [Seakeeper Standard Warranty](#).

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](#)
- [30331, SeaFlo 12/24 VDC Seawater Pump Installation Manual](#)

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 x 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.
6. Seakeeper offers the SeaFlo 12/24 VDC Seawater Pump Assembly (P/N 30331) as an option for the Seakeeper 5/6. The DC Seawater pump is a 24 VDC pump intended for 12 VDC operation and will be covered under the [Seakeeper Standard Warranty](#).

COOLING SYSTEM UPDATE



PRODUCT Seakeeper 5 / Seakeeper 6 / Seakeeper 9

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](#)
- [30331, SeaFlo 12/24 VDC Seawater Pump Installation Manual](#)