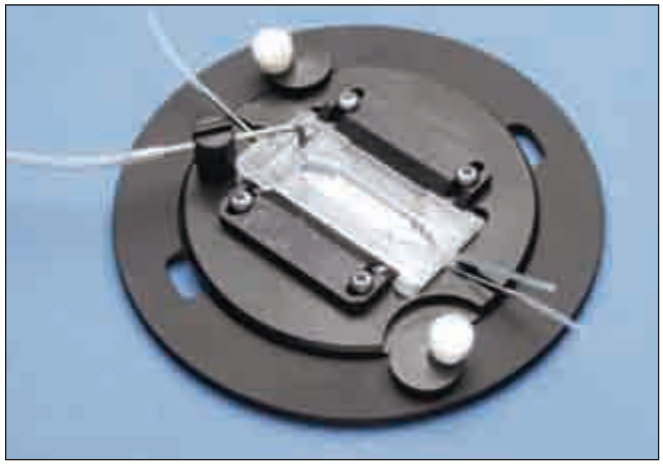
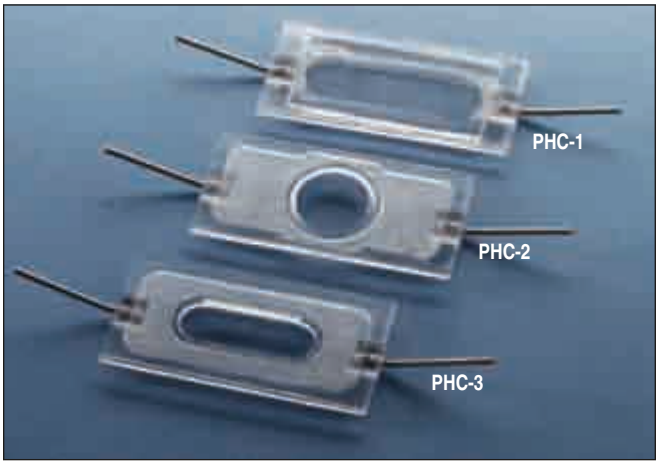
PHC Series

Heater/Cooler Jackets

Maintains temperature in both perfused and static baths



Model PHC-3 shown with mounting platform and mounted in a Nikon stage adapter



Individual heater/cooler jackets shown without mounting platform

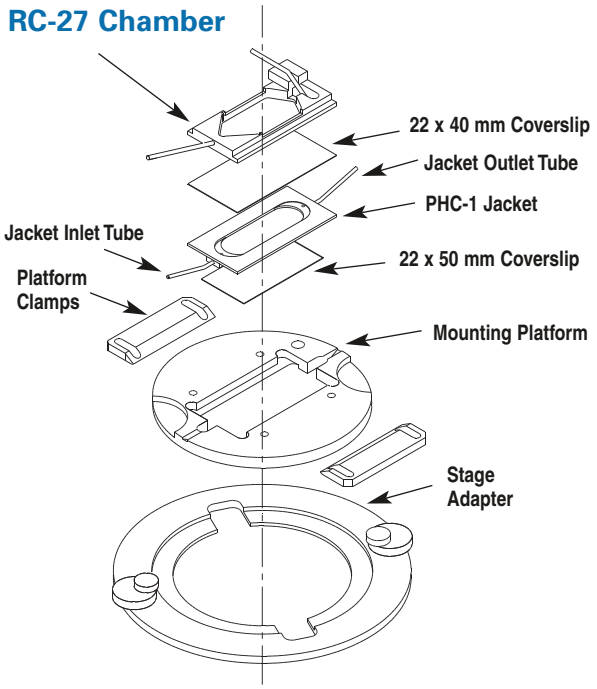
- Designed for Series 20 chambers
- Optimized for the SC-20 In-line Solution Heater/Cooler
- Jackets available for both upright and inverted microscopes
- Includes Series 20 platform

The Warner PHC Heater/Cooler Jackets are designed to bring heating and cooling to our classic Series 20 Imaging and Recording Chambers. Accurate temperature control from 5° to 50°C can be achieved using the PHC jackets in concert with the SC-20 Dual In-line Solution Heater/Cooler. Heated or chilled water flows from the SC-20 into a PHC jacket which is in direct thermal contact with the chamber bottom coverslip.

The PHC-1 is used for upright microscopes and provides a thermal barrier between the chamber-forming coverslip and the local environment. The PHC-2 and PHC-3 are designed for inverted microscopes and provide either rectangular or round openings.

Heater/Cooler Jackets are provided with a mounting platform, which replaces the standard platforms used with Series 20 chambers. The platform functions as a base for the jacket/chamber sandwich and provides the clamping pressure to make a tight seal. Mounting platforms are machined from black Delrin and are compatible with all Series 20 stage adapters, see pages 64 to 69.

RC-27 Chamber



Assembly of Series 20 chamber with cooling jacket and stage adapter

Model	Aperture Size	For Chamber Model
PHC-1	17.0 x 37 mm	RC-22/22C/24N/26/26G/26GLP/26Z RC-27/27N/27NE/28/RC-27L/RC-29
PHC-2	15 mm diameter	RC-22/22C/24N/26/26G/26Z/26GLP
PHC-3	8.0 x 25 mm	RC-27/27N/27NE

Order #	Model	Product
W4 64-0354	PHC-1	Heater/Cooler Jacket, Upright
W4 64-0355	PHC-2	Heater/Cooler Jacket, Inverted
W4 64-0356	PHC-3	Heater/Cooler Jacket, Inverted