

STARIZONA

COOL EDGE

SCT COOLER - 11" CELESTRON

The Cool Edge allows for rapid thermal stabilization of the air and optics inside your Celestron Fastar-compatible telescope. By moving filtered air through the optical tube, distorting tube currents and heat spikes are eliminated.

Included Items

- *Cool Edge SCT Cooler*
- *AC or DC Adapter (user selected)*



Above: *Cool Edge for 11" Telescope*

No tools are necessary for the installation and use of the Cool Edge

Position the Telescope

Begin by pointing the telescope tube upward at about a 45-degree angle. This allows you to safely remove the secondary mirror without the chance of it falling out.

Removing the Secondary Mirror



All Celestron Fastar-compatible telescopes are equipped with removable secondary mirror assemblies, allowing the easy removal of the secondary mirror for use with a Hyperstar lens or the Cool Edge. Simply rotate the outer ring around the secondary assembly counterclockwise to unthread it from the telescope. The secondary mirror can now be lifted out of the telescope.

Placing the Mirror in the Cool Edge

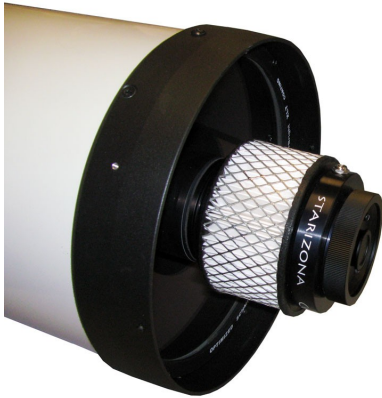


Note the position of the notch in the top threaded ring of the Cool Edge and the matching set screw in the side of the secondary mirror housing. Carefully set the mirror into the Cool Edge with the set screw in the notch.



Thread the retaining ring from the telescope onto the Cool Edge to hold the mirror in place. Do not over-tighten this ring as temperature changes can make it difficult to remove.

Attaching the Cool Edge to the Telescope



Thread the entire Cool Edge assembly onto the front of the telescope. Again, do not over-tighten the cooler to avoid it being difficult to remove later.

Ventilating the Telescope

The new Edge HD telescopes include rear cell vents to allow air to flow through the telescope tube. Standard (non-Edge HD) telescopes will require the back of the telescope to be open to allow air flow. Simply remove the diagonal from the visual back of the telescope to let air move through the telescope tube. Removing the diagonal is not necessary with an Edge HD telescope.

Powering Up the Cool Edge

There is no power switch on the Cool Edge—simply plug it in using the included power supply and it will begin running. We recommend letting the cooler run for at least 10 minutes to stabilize the telescope.

Replacing the Secondary Mirror

Remove the Cool Edge from the telescope. Unthread the retaining ring from the Cool Edge and lift out the secondary mirror. There is a notch in the secondary holder on the front of the telescope to accept the set screw in the side of the secondary housing. This retains the initial collimation of your telescope, so there is no need to recollimate after using the Cool Edge. Thread the retaining ring back onto the telescope and you are ready to observe!

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