

## Convair NGP-CS

# Convair NGP-CS ClimateStar Portable Evaporative Fresh-Air Cooler User Manual

Model: NGP-CS

## PRODUCT OVERVIEW

The Convair NGP-CS ClimateStar is a portable evaporative fresh-air cooler designed to provide comfortable indoor environments during warmer months. This energy-efficient unit operates by utilizing the natural cooling power of evaporation, consuming minimal energy comparable to a 60-watt light bulb. It is an environmentally conscious choice as it does not use fluorocarbons or other chemicals found in traditional refrigerated air conditioning systems. The unit is ideal for hot and dry climates and can effectively cool areas up to approximately 150 square feet, making it suitable for small to mid-size homes, apartments, or offices. Its smooth-rolling wheels ensure easy portability.



Figure 1: Front view of the Convair NGP-CS ClimateStar cooler, showcasing its compact design and front grille.



## SETUP AND PLACEMENT

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Proper placement and initial setup are crucial for the optimal performance of your Convair NGP-CS ClimateStar cooler.

1. **Positioning:** Place the cooler near an open window or door. This allows the unit to draw in 100% fresh air from outside.
2. **Ventilation:** To facilitate "flow-through" ventilation, ensure another window or door on the opposite side of the room is also open. This creates an airflow path for efficient cooling.
3. **Water Reservoir:** Locate the water reservoir. Add water to the reservoir. The unit has a 3-2/5-gallon capacity. Ensure the water level is adequate for operation.
4. **Power Connection:** Connect the power plug to a suitable electrical outlet.



Figure 2: The Convair NGP-CS ClimateStar cooler positioned in a living space, demonstrating its portable nature and typical usage environment.

## OPERATING INSTRUCTIONS

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Follow these steps to operate your Convair NGP-CS ClimateStar cooler:

1. **Activate Cooling:** Turn the "cool" knob to the "on" position. This initiates the water pump, which circulates water through the cooling pad.
2. **Adjust Fan Speed:** Turn the fan knob to select one of the three available speed settings. The fan draws fresh air through the moistened cooling pad, which lowers the air temperature and traps pollen and dust before releasing the cooled, filtered air into the room.

3. **Fan-Only Mode:** If you wish to use the unit solely as an air-ventilating fan without the cooling function, turn the "cool" knob to the "off" position. The fan will continue to operate, circulating air.



Figure 3: Close-up view of the top control panel, showing the "cool" and fan speed knobs for easy operation.

## MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your Convair NGP-CS ClimateStar cooler.

- **Water Tank Access:** The unit features convenient water-tank access for easy refilling and cleaning. Regularly check and clean the water reservoir to prevent mineral buildup and maintain air quality.
- **Cooling Pad:** Periodically inspect the cooling pad for any signs of wear or excessive mineral deposits. Refer to the full manual for instructions on cleaning or replacing the cooling pad.
- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as the unit is constructed from durable, non-corrosive polymers.





Figure 4: Rear view of the Convair NGP-CS ClimateStar cooler, showing the air intake grille and access points for maintenance.

## TROUBLESHOOTING

If you encounter issues with your Convair NGP-CS ClimateStar cooler, consider the following common solutions:

- **No Cooling Effect:**
  - Ensure the "cool" knob is in the "on" position.
  - Check the water reservoir level and refill if necessary.
  - Verify that the unit is placed near an open window/door and that there is adequate cross-ventilation in the room.
- **Fan Not Operating:**
  - Check if the unit is properly plugged into a working electrical outlet.
  - Ensure the fan knob is set to one of the speed settings.
- **Unusual Odor:**
  - Clean the water reservoir and cooling pad thoroughly. Stagnant water can cause odors.

For persistent issues, please refer to the comprehensive troubleshooting guide in the full product manual or contact Convair customer support.

## SPECIFICATIONS

| Feature                    | Detail  |
|----------------------------|---|
| Brand                      | Convair   |
| Model Number               | NGP-CS  |
| Mounting Type              | Freestanding  |
| Special Features           | Anti bacterial Filter, Portable                               |
| Controls Type              | Remote (Remote Control included)                              |
| Reservoir Capacity         | 3-2/5 Gallons (approx. 5 Gallons listed in specs)             |
| Floor Area Coverage        | Up to 150 Square Feet   |
| Cooling Capacity           | 1768 BTU/hour or 518 Watts                                    |
| Product Dimensions (LxWxH) | Approximately 12 x 17-3/5 x 30 inches (30.5 x 41.3 x 76.2 cm) |
| Item Weight                | 9 kg 70 g (approx. 9.07 kg)                                   |
| UPC                        | 034369004195  |

