

# Fluid Cooler

## HFCG Series



Requires significantly less water than a conventional cooling tower



Eliminates costly water treatment



In cooler weather, unit provides free cooling

## ADIABATIC FLUID COOLER

50 to 1,200 Ton  
(176 to 4,220 kW)

The HFCG Series adiabatic fluid coolers are designed to address the growing need for water conservation and reduced operating costs in industrial cooling applications. By significantly reducing water consumption compared to traditional evaporative cooling towers, these fluid coolers eliminate the need for costly water treatment systems and their associated maintenance.

Our HFCG Series fluid coolers are compact and easy to install, making them ideal for various industrial settings. Equipped with premium high-efficiency fans and intelligent variable-speed EC fan motor technology, these fluid coolers deliver energy-efficient operation. Additionally, our unique once-through adiabatic system provides superior cooling performance, especially during peak summer months, resulting in cooler outlet temperatures than conventional dry coolers. By leveraging our expertise and utilizing cutting-edge technologies, we offer a reliable and high-performing industrial fluid cooling solution.

<b>Minimum Water Usage</b>	During higher outdoor temperatures, the system calculates the precise amount of water needed and adjusts for peak performance.
<b>Cooling Tower Alternative</b>	Used for applications where reduced water consumption is required for 85 to 95°F (29 to 35°C) process cooling.
<b>Premium Control Panel</b>	Weatherproof panel is compliant with C-UL508A codes to ensure complete protection and compliance with local safety and electrical code requirements.
<b>Adaptive Fan Motors</b>	Regulate fan speed to maintain set point, using minimum amount of fan energy necessary for peak efficiency.
<b>Closed Loop System</b>	Circulates fluid inside the coil tubes isolating it from ambient contamination and minimizing the potential for scale build-up from evaporation.
<b>Energy Efficient</b>	For most of the year ambient air is circulated across the coils, eliminating the need for water evaporation at lower outdoor temperatures.
<b>Fully Wetted Adiabatic Pads</b>	Uses full size, externally mounted, completely saturated adiabatic pads for maximum cooling with the least amount of water consumption.
<b>Modular Design</b>	Easy to install, additional units can easily be added to expand cooling capacity.
<b>Warranty</b>	1 year parts and labor.

