

## ISOSTREAM® SURNA FAN COIL (OG) DUCTLESS MODEL SFC(OG)



Surna's ductless fan coil is a dual chilled water coil, low profile ceiling-hung unit that provides multi-directional airflow in the canopy. The unit is designed to treat the recirculated air in the space it is installed, eliminating the need for ductwork. With minimal installation requirements, this Surna fan coil (SFC) allows for a solution that can be deployed relatively quickly. Additionally, multiple fan coils are typically installed in a single grow room, providing inherent redundancy for the facility. Because of the simplicity of this SFC, there are very few components so maintenance requirements are minimal, which translates to more reliability for your grow.

When paired with a chilled water system, Surna's ductless fan coil provides efficient cooling and dehumidification due to enhanced sensible heat ratios to a facility of any size. These units are

small, versatile, and easy to install. Just connect to chilled water and power to begin cooling. Surna offers this unique ductless fan coil that is designed specifically for open floor plans in cannabis cultivation environments. With bi-directional air flow, it provides more even air distribution throughout the room. An easily replaceable Can-Fan component allows for easy maintenance and cleaning.

By choosing a ductless option, cultivators are minimizing areas for mold and bacteria.

## FEATURES AND BENEFITS

### **Ductless**

The bi-directional discharge airflow eliminates the need for ducting to get optimal air movement when incorporated into a proper design. to grow and keeping plants healthy.

### **Low Profile**

Have a small profile, making them ideal for facilities with space and height limitations.

### **Deeper Coils for Enhanced Latent Moisture Removal**

Designed with more latent cooling capacity than competitors, allowing for better moisture removal.

# SPECIFICATIONS

PHYSICAL	Model SFC(OG)
Length	44-1/16 in (1,119.12 mm)
Width	24 in (609.60 mm)
Height	15-1/4 in (387.35mm)
Weight	122 lbs (55.34 kg)
Water Inlet	3/4 in (19.05 mm) FNPS
Water Outlet	3/4 in (19.05 mm) FNPS
Condensate Drainage Connection	3/4 in (19.05 mm) FNPS
ELECTRICAL	
Pwer Supply (V/Ph/Hz)	115V/1/60
Minimum Circuit Ampacity (MCA)	7.9 A
Maximum Overcurrent Protection (MOP)	14 A
Full Load Amps (FLA)	4.3 A
FAN MOTOR	
Fan Motor Power	479 W
Fan Motor Running Current	4.3 A
PERFORMANCE	
Applied Output Tonnage Range	48,000 - 70,000 BTU/Hr (14.07 - 20.52 kW)
Nominal Output	57,646.5 BTU/Hr (16.89 kW)
Airflow	1,600 CFM ( 2,718,417.27 L/h)
Flow Rate	11.54 GPM ( 2,621.02 L/h)
Water Pressure Drop	15 Ft/Head (44.84 kPa)

1. All dimensions are approximate within 1/16 of an inch of those indicated.

2. Data is based on fan running at maximum speed @ 115V.