

ISOSTREAM® SURNA WALL FAN COIL

COOLING/OPTIONAL ELECTRIC HEAT
MODELS SWFC-XX-VX-AECM-X-XX

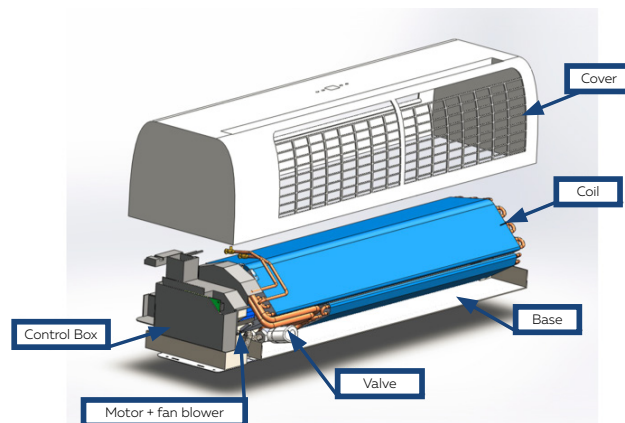


This Surna fan coil is another addition to our full line of purpose-built fan coil products providing a wide range of choices for both ducted and ductless applications for small to large commercial indoor cannabis cultivation facilities.

This wall mounted ductless fan coil can be mounted in any comfort or process room where ceiling mounting or remote ducting are not desired taking up no extra floor or ceiling space.

The unit uses an electronically commutated (EC) fan motor and modulating valves can be integrated to allow for maximum output at minimum energy consumption. As a byproduct, the EC fan motor also provides extremely quiet operation.

For simple maintenance, the air filter is easily removable and washable and is made from self-extinguishing acrylic with an efficiency class Merv 2-4 standard.



FEATURES AND BENEFITS

Ductless

Ductless application for chilled water makes installation and cleaning simple.

Easy Maintenance

Air filter is easily removable and washable.

Heating Options

Surna's wall fan coils offer an electric heat kit option, providing cooling and heating for any space.

SPECIFICATIONS

Custom configurations and sizes may be available upon request

PHYSICAL	SWFC-04-VX-AECM-X 2-Pipe, Cooling Only	SWFC-04-VX-AECM-X-EH 2-Pipe with Electric Heat	SWFC-18-VX-AECM-X 2-Pipe, Cooling Only	SWFC-18-VX-AECM-X-EH 2-Pipe with Electric Heat	SWFC-30-VX-AECM-X 2-Pipe, Cooling Only	SWFC-30-VX-AECM-X-EH 2-Pipe with Electric Heat
Length	34-1/2 in (876 mm)			41-7/8 in (1063 mm)		
Width	9 in (228 mm)			9-7/16 in (240 mm)		
Height	11-13/16 in (300 mm)			12-3/16 in (310 mm)		
Weight	24.3 lbs (11 kg)	24.8 lbs (11.25 kg)	30.9 lbs (14 kg)	31.4 lbs (14.24 kg)	35.3 lbs (16 kg)	35.8 lbs (16.24 kg)
Water Inlet	1/2 in (12.7 mm) NPT					
Water Outlet	1/2 in (12.7 mm) NPT					
Condensate Drainage Connection	5/8 in (16 mm) NPT					
ELECTRICAL						
Power Supply (V/Ph/Hz)	220V/1/60					
Minimum Circuit Ampacity (MCA)	0.07 A	4.3 A	0.17 A	8.7 A	0.28 A	8.8 A
Maximum Overcurrent Protection (MOP)	15 A	15 A	15 A	15 A	15 A	15 A
Full Load Amps (FLA)	0.12 A	4.7 A	0.27 A	7.1 A	0.45 A	0.73 A
FAN MOTOR						
Fan Motor Power	13 W		30 W		50 W	
Fan Motor Running Current	0.12 A		0.27 A		0.45 A	
CERTIFICATIONS						
	ETL					
CHILLED WATER COIL PERFORMANCE						
Applied Output Tonnage Range	2,000 - 4,000 BTU/Hr (0.59 - 1.17 kW)		8,000 - 16,000 BTU/Hr (2.35 - 4.69 kW)		15,000 - 25,000 BTU/Hr (4.40 - 7.33 kW)	
Nominal Output	3,377 BTU/Hr (1 kW)		12,590 BTU/Hr (3.7 kW)		20,001 BTU/Hr (5.9 kW)	
Airflow	218 CFM (370.38 m ³ /h)		464 CFM (788.34 m ³ /h)		729 CFM (1238.58 m ³ /h)	
Flow Rate	0.7 GPM (159 L/h)		2.5 GPM (567.8 L/h)		4 GPM (908.5 L/h)	
Water Pressure Drop	4.9 Ft/Head (14.65 kPa)		13.5 ft/ Head (40.35 kPa)		20.4 Ft/Head (20.48 kPa)	
ELECTRIC HEAT PERFORMANCE						
Max. Heating Capacity	N/A	1 kW	N/A	1 kW	N/A	15 kW

Note:

a. Assumes entering water temperature (EWT) of 45° F (7.22° C)

b. Data is based on fan running at maximum speed @ 220V

c. Data assumes specified GPM

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