



WHISPA III RCU (ALL-IN-ONE) RECESSED WALL FAN CONVECTOR

Submittal Data

General

Provide MYSON WHISPA III RCU hydronic recessed wall mount fan convector in size(s) as scheduled. MYSON WHISPA III RCU hydronic recessed wall mount fan convectors are ETL approved. WHISPA III fan convectors are approved for installation on "open" potable water systems in compliance with and tested to NSF/ANSI 61, 372, CA/VT AB1953 and US Public Law No. 111-381 "Reduction of Lead in Drinking Water Act".

Each WHISPA III RCU hydronic recessed wall mount fan convector is engineered for quiet efficiency. The chassis is manufactured from zinc-coated painted steel. Fan assemblies have ball bearings for longer life and extremely low noise levels and the copper core heat exchanger is designed for fast heat transfer. Every WHISPA III recessed wall mount fan convector comes complete with a hardened aluminum grill with a baked epoxy polyester finish for strength and durability.

Each WHISPA III RCU hydronic recessed wall mount fan convector is assembled with a two-speed Boost/Off/Normal fan switch. All models have a heat exchanger surface mounted low-limit aquastat which closes at 109°F and reopen at 91°F. This insures that the fan will only operate when there is sufficient hot water in the heat exchanger to prevent the fan from blowing cold air. The RCU is designed to be independently controlled with a 24V thermostat (by others). All units include flow control, solenoid valve, 24V transformer and purge valve. Every unit is factory tested to insure the finest quality product with specified confirmed temperature output.

Standard Connections:

1/2" copper tube for supply and return.

Electrical Specifications:

120 Vac 60 Hz

Available Grill Finishes:

White

Maximum positive operating pressure: 145psi

Maximum operating temperature: 200° F



WH III
5000 RCU



WH III
9000 RCU



WH III
12000 RCU

Quality certificates



Warranty:

Heat Exchanger - **10 Years**
Fan Assembly - **3 Years**
All Other parts - **1 Year**

PROJECT NAME:
ARCHITECT:
ENGINEER:
SUBMITTED DATE:

APPROVED DATE:

APPROVED

WHISPA III RECESSED WALL FAN CONVECTOR

Whispa III RCU Fan Convector

Heating Performance Data

Model	Fan Setting	Flowrate (gpm)	Heat Output (Btu/h)									
			Entering Water Temperature (°F), Entering Air Temperature (65°F)									
			110	120	130	140	150	160	170	180	190	200
5000 RCU	Boost	3	2040	2516	2997	3480	3967	4457	4949	5443	5939	6437
	Normal		1749	2096	2437	2773	3104	3432	3756	4078	4397	4713
	Boost	1	1795	2214	2637	3063	3491	3922	4355	4790	5226	5664
	Normal		1539	1844	2144	2440	2732	3020	3306	3589	3869	4147
9000 RCU	Boost	3	3759	4629	5504	6385	7271	8160	9053	9949	10848	11750
	Normal		3266	3916	4556	5185	5807	6422	7031	7634	8233	8827
	Boost	1	3308	4073	4844	5619	6398	7181	7967	8755	9546	10340
	Normal		2874	3446	4009	4563	5110	5652	6187	6718	7245	7767
12000 RCU	Boost	3	4369	5437	6524	7623	8739	9866	11003	12149	13307	14472
	Normal		3019	3733	4454	5180	5911	6649	7389	8136	8887	9640
	Boost	1	3845	4785	5740	6709	7690	8682	9682	10692	11709	12734
	Normal		2657	3284	3918	4558	5202	5851	6504	7160	7819	8482

Heat outputs tested in accordance with BS 4856 Part 1

Approximate Hydraulic Resistance through Units

g/min	ft wg		
	5000	9000	12000
3	4.90	6.89	13.1
1	0.75	1.07	1.4

Maximum differential closing pressure for the solenoid valve is 58 psi

Weight, Water Content and Motor Power

Model	Motor Power (W)	Water Content (oz)	Unit Weight (lbs)
5000	25	5	9.5
9000	40	11.5	14.2
12000	62	18.9	19

