



Performance Summary - Unit 1 , FCU



C018W4B411R000

High Performance Horizontal Ceiling Concealed (C) - 018, 120/1/60, 4/1 Coil, Right Hand, 4R5C Cool, 1R2C Heat (C018W4B411R000)

The low profile and flexible design of the Horizontal Basic fan coil is the right choice for multiple applications where high static performance is required. The slim compact design is well suited for drop-ceiling closet hallway and other concealed applications.

Performance Calculations are at an altitude of 0.00 feet

Fan Performance

Motor Voltage: 120/1/60 Motor Type: Standard

External Static: 0.00 InWC

Airflow at High Speed: 2,005 cfm

Cooling Coil Performance - 4 rows, 5 circuit, 12 fins/inch

Entering Dry Bulb:	80.00 °F	Leaving Dry Bulb:	57.9 °F
Entering Wet Bulb:	67.00 °F	Leaving Wet Bulb:	57.1 °F
Fluid Type:	Water	Flow Rate:	12.5 GPM
Entering Fluid Temp:	45.00 °F	Leaving Fluid Temp:	55.0 °F
EAT Dew Point:	60.4 °F	Fluid Pressure Drop:	10.2 FtWC

Total Cooling Capacity: 62,619 BTUH

Sensible Cooling Capacity: 48,437 BTUH

Heating Coil Performance - 1 rows, 2 circuit, 12 fins/inch

Entering Dry Bulb:	70.00 °F	Leaving Dry Bulb:	97.8 °F
Fluid Type:	Water	Flow Rate:	3.1 GPM
Entering Fluid Temp:	180.00 °F	Leaving Fluid Temp:	140.0°F
		Fluid Pressure Drop:	2.1 FtWC

Total Heating Capacity: 61,301 BTUH



Base Unit Summary - Unit 1 , FCU

C018W4B411R000

High Performance Horizontal Ceiling Concealed (C) - 018, 120/1/60, 4/1 Coil, Right Hand, 4R5C Cool, 1R2C Heat (C018W4B411R000)



The low profile and flexible design of the Horizontal Basic fan coil is the right choice for multiple applications where high static performance is required. The slim compact design is well suited for drop-ceiling closet hallway and other concealed applications.

Unit Application - Fan Coil
Cabinet Style (Model) - High Performance Horizontal Ceiling Concealed (C)
Unit Size - 018
Sales Program - Standard
System Type - Heat and Cool
System Configuration - 4-pipe Hydronic Cool & Heat
Motor Type - Standard
Motor Voltage/Freq/Phase - 120/1/60
Motor Count - 2

Supply - Front Ducted
Return - Open
Wall Type - Single Wall
Insulation - None
Finish - Galvanized
Motor Watts - 768

Hand - Right
Electrical Hand - Left
Cooling Rows Deep - 4
Cooling Circuiting - 5
Cooling Air Vent - Manual
Heating Rows Deep - 1
Heating Circuiting - 2
Heating Air Vent - Manual
Fins Per Inch - 12
Heating Sequence - Re-Heat
Fin/Casing Material - Aluminum/Galvanized
Cooling Coil Connection Size: 3/4
Heating Coil Connection Size: 1/2

Drain Pan - Powder Coated Galvanized

Shipping Weight - 283 lbs
Operating Weight - 253 lbs

Unit Revision Level - A

Circuit Wiring - Single Power Source



Valve Summary - Unit 1 , FCU

C018W4B411R000

High Performance Horizontal Ceiling Concealed (C) - 018, 120/1/60, 4/1 Coil, Right Hand, 4R5C
Cool, 1R2C Heat (C018W4B411R000)

Cooling Valve Package

Valve Package Size - None

Valve Actuator - None

Supply Service Fittings - None

Strainer - None

Supply Isolation Valve - None

Coil Connection - Swage

2 & 3-Way Close-Off Pressure - None

Valve Body - None

Water Flow Balancing - None

Fixed Flow GPM - N/A

Return Service Fittings - None

Return Isolation Valve - None

