



**Baltimore Aircoil Company**  
**Closed Circuit Product Selection Report**

Version: 7.7.14 NA  
 Product data correct as of: April 07, 2020

Project Name:  
 Selection Name:  
 Project State/Province: Georgia  
 Project Country: United States  
 Date: September 29, 2020

**Model Information**

Product Line: VFL Low Profile  
 Model: VFL-072-320  
 Number of Units: 1  
 Wet Coil Type: Standard Coil  
 Coil Finning: None  
 Fan Type: Standard Fan  
 Fan Motor: (1) 30.00 = 30.00 HP/Unit  
 Total Standard Fan Power: Full Speed, 30.00 BHP/Unit  
 Total Pump Motor Power: (1) 1.50 = 1.50 HP/Unit  
 Intake Option: None  
 Internal or Const. Option: None  
 Discharge Option: PCD w/ Tapered Discharge Hood  
 External Static Pressure: 0 in. of H2O

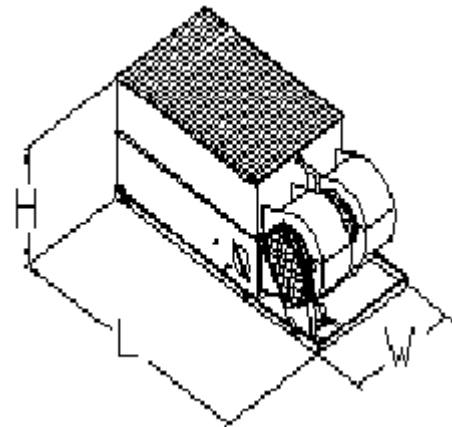
**Design Conditions**

Fluid: Water  
 Flow Rate: 400.00 USGPM  
 Entering Fluid Temp.: 100.00 °F  
 Leaving Fluid Temp.: 90.00 °F  
 Wet Bulb Temp.: 79.00 °F  
 Heat Rejection: 1,999,200 BTUH  
 Fluid Pressure Drop: 17.13 psi  
 Reserve Capability at 30.00 HP: 1.53%

**Thermal performance at design conditions and total standard fan motor power is certified by the Cooling Technology Institute (CTI).**

**Engineering Data, per Unit**

Unit Length: 14' 11.75" (Total)  
 Unit Width: 07' 10.50"  
 Unit Height: 07' 11.50"  
 Approximate Shipping Weight: 10,840 lbs  
 Heaviest Section: 9,920 lbs  
 Approximate Operating Weight: 16,110 lbs  
 Approximate Remote Sump Operating Weight: 15,390 lbs  
 Air Flow: 47,640 CFM  
 Spray Water Flow: 284 USGPM  
 Coil Volume: 255 U.S. gallons  
 Coil Connections:  
 (1) 4" Coil Inlet and Outlet, Based on 400.00 USGPM Flow per Unit  
 Remote Sump Connections: (1) 6"  
 Heater kW Data (Optional)  
 0°F (-17.8°C) Ambient Heaters: (1) 7 kW  
 -20°F (-28.9°C) Ambient Heaters: (1) 9 kW



Minimum Distance Required:  
 From Solid Wall: 6 ft.  
 From 50% Open Wall: 3.5 ft.

Energy Rating:  
 13.84 per ASHRAE 90.1, ASHRAE 189 and CA Title 24.

Note: These unit weights and dimensions account for the selected fan type for the standard cataloged drive configuration, but they do not account for other options/accessories. Please contact your local BAC sales representative for weights and dimensions of units with other options/accessories.