



## Flexibox 820

- Total heat management: designed for energy efficiency with the maximum use of controlled ventilation
- Flexible mounting and air intake
- Versions for indoor, through-wall and outdoor mounting
- Door mounting option; in combination with air intake grille
- Control of external heater, two cooling units, and motorized dampers
- LCD display with status and alarm function in clear text
- Timer function for service personnel
- Filter monitor
- Self-test function

### GENERAL

### UNITS

Model number		FB-820-48
Mounting method		Outdoor
Unit dimensions [height×width×depth]	Inch [mm]	23.6x17.9x19.3 [600x455x490]
Weight	lbs [kg]	48.5 [22]

### FAN PERFORMANCE (@ 0 PA)

Input voltage	Volts	48 VDC
Current	Amps	6.1
Power consumption	Watts	329
Airflow	CFM [m <sup>3</sup> /h]	1370 [2330]
Cooling capacity ( $\Delta t=10^{\circ}\text{C}$ )	BTU/h [kW]	26700 [7.8]
Operational temperature range	°F [°C]	-40 to 131 [-40 to 55]
Noise, 1.5m distance	dB(A)	—

### FILTER DATA

Dimensions	Inch [mm]	17.7x17.7x5.1 [450x450x130]
Rating	Class	MERV 8 [G4]

### APPROVALS

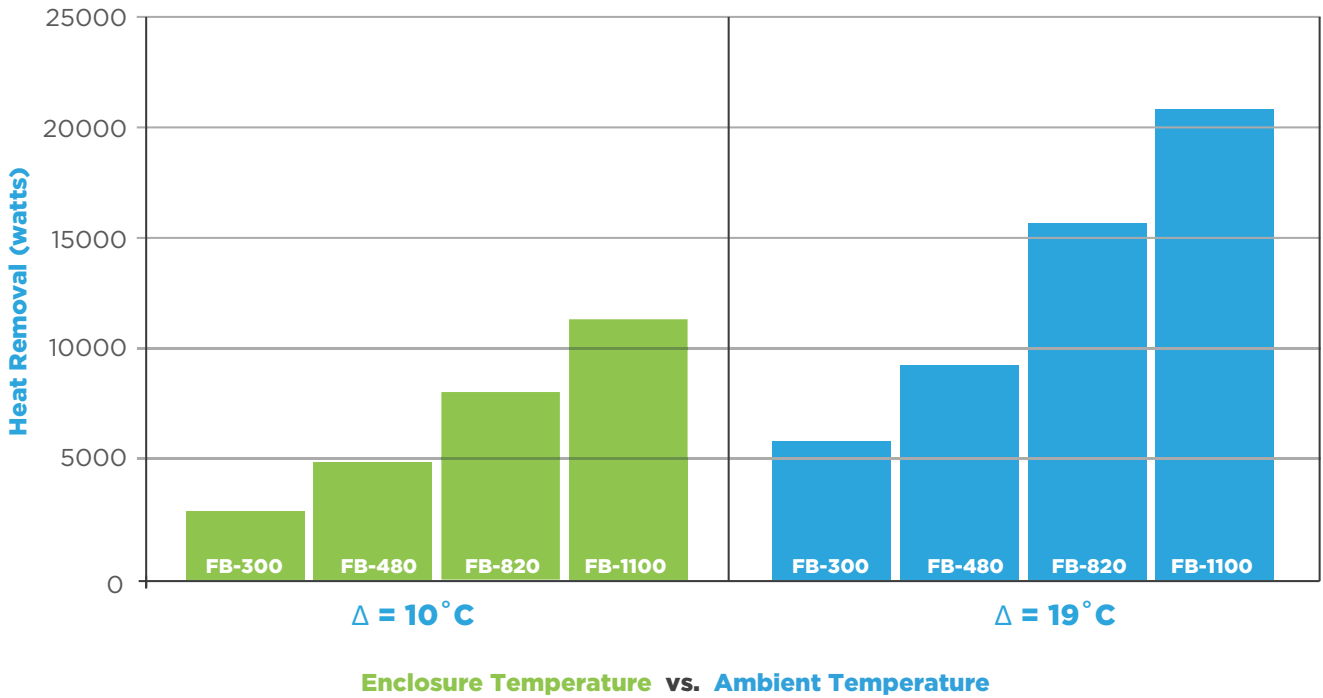
RoHS, UL and cUL Compliant	✓	E348246
----------------------------	---	---------

### CONSTRUCTION

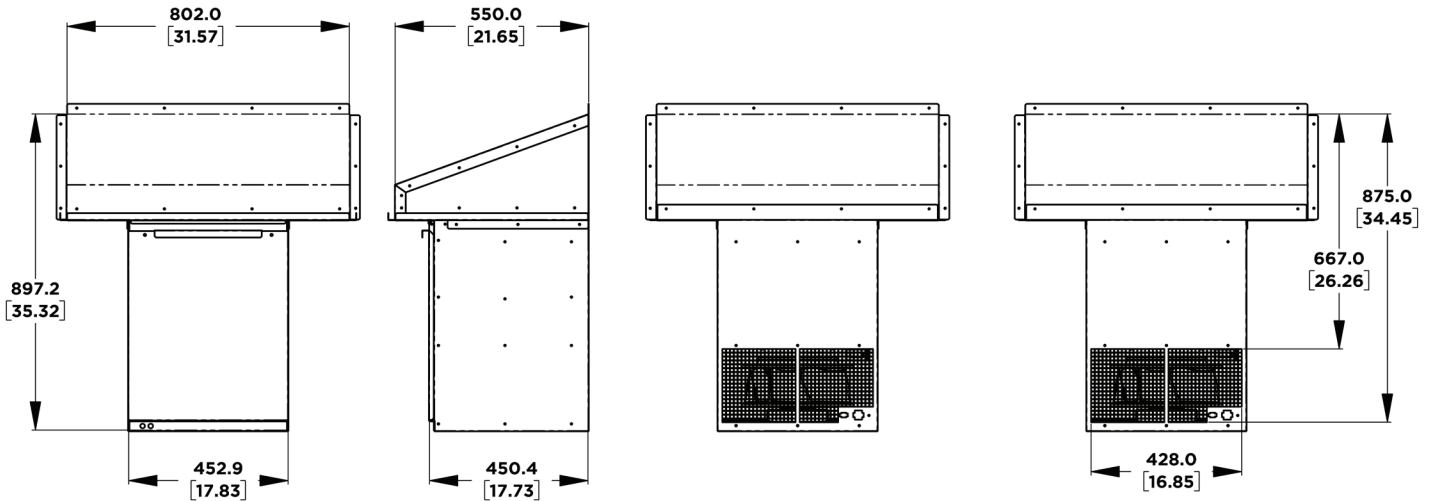
Material	Aluzink Standard, Stainless Steel Optional	
Finish	RAL 7035 Textured Powder Coat Standard, Color options available by request	

# FLEXIBOX 820 CAPACITY CHART

## Heat Removal at Recommended $\Delta T$



## DIMENSIONAL DIAGRAM-MOUNTING INTERFACE



**NOTES:**

- 1) UNITS = MM [IN]
- 2) ATTACHMENT WILL VARY BY SHELTER TYPE



 [danthermcooling.com](http://danthermcooling.com)  
 [sales.usa@danthermcooling.com](mailto:sales.usa@danthermcooling.com)  
 864-595-9800  
 110 Corporate Drive, Suite K  
 Spartanburg, SC 29303