

## Product selection result

### Project

- Title: Charles County Pomonkey RVSS Panel
- Create date: Jan 15, 2026
- Amend date: Jan 15, 2026

### User

- Company:
- Name:
- Address:
- City:

Enclosure		Wall		Location	
Type	Wall Mount Enclosure	Material	Stainless Steel	for Wash-down environments / NEMA 4/4X	
Height	36 inch	k	3.7 W/m²K	Single housing for wall mount	
Width	31 inch	Insulation	R0 = 0 inch	Wind speed	No Wind
Depth	12 inch	Enclosure Color	Gray	Surface according to VDE 0660 part 600	20ft²

Temperature		Rated connection value	
Min. ambient temperature	0 °F	Rated voltage: 115 V	
Max. ambient temperature	100 °F	Frequency	60 Hz
Min. admissible temperature	14 °F		
Max. admissible temperature	131 °F		

Dissipation based on manual input 138 BTU/h

### Switch cabinet acclimatisation

Total dissipation in enclosure	40 W
Dissipation due to solar radiation	0 BTU/h
Heat Dissipation from environment	0 BTU/h
Heat Dissipation to environment	397 BTU/h
Required cooling capacity	<b>0 BTU/h</b>
Required heating capacity	176 BTU/h

## Product selection result

### Warning

Ensure there is sufficient clearance for air flow around the cooling unit to prevent a so-called air short-circuit. There should be a minimum distance of approximately 200 mm (7.9 inches) to the next component in the housing and 400 mm (15.7 inches) outside the housing