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Temperature Specifications: Syrris Glass Jacketed Vessels

Wetted materials: Borosilicate 3.3 Glass

Minimum Temperature (Jacket): -40°C
-80°C with a low temperature upgrade kit

Maximum Temperature (Jacket): 200°C
250°C with a high temperature upgrade kit

Maximum Heating/Cooling rate: 30°C/min

Maximum temperature difference between Jacket and Reactor Content: 50°C

Bottom Outlet valve:

- Sprung bottom outlet valve ensure leak free operation within the temperature range above.
- Wetted material: PTFE, FFKM

Care note:

Before usage of the vessel, the operator has to check it in view of damages on the surface like scratches, cracks, etc –interior and exterior.

Also check for chemical degradation on the glass surface.

Vessels with damages on the surface, degradation signs etc cannot be used because the component can implode under thermal / mechanical pressure.