

## VESSEL - HOPPER QUESTIONNAIRE

Temperature maintenance is the operation which aims to keep constant the temperature of a device. This implies that the products and their containments must already be at this same temperature. If this is not the case, then the application comprises a heating dimension and another questionnaire must be used.

Please fill in the following questionnaire and send it back to be able to study it to : [flexelec@omerin.com](mailto:flexelec@omerin.com)

**Company:**

**Name:**  **Given name:**

**Tel:**

Temperature to be maintained in °C:

Minimum ambient temperature in °C:

Shape of the vessel

Cylinder    
  Rectangular    
  Other, please provide a drawing with dimension

Outside diameter of the vessel or dimension of the edges if rectangular in mm:

Height or length of the vessel in mm:

Vessel material:  Product inside the vessel:

Max. surface temperature of the vessel in °C:

Thickness of the insulating lagging in mm:

Type of insulating lagging:

Thermal conductivity of the insulation in W/m.K:

Max. temperature acceptable for the insulation in °C:

Available voltage in Volt:

Others information and sketch to precise:

Zone area

Safe area- no Atex  
 ATEX - T6 (85°C)  
 ATEX - T5 (100°C)  
 ATEX - T4 (135°C)  
 ATEX - T3 (200°C)  
 ATEX - T2 (300°C)  
 ATEX - T1 (450°C)