
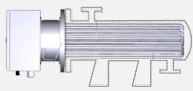


FLANGED IMMERSION HEATERS - DESIGN SHEET

Project name: _____ Date: _____ Revision: _____

Company name: _____
 Contact name: _____
 Phone no: _____ Email address: _____

Application

 <p>Batch</p> <p>Volume (m³): _____</p> <p>T_{start} (C°): _____</p> <p>T_{finish} (C°): _____</p> <p>Heating time (s): _____</p>	 <p>Continuous</p> <p>Flow (m³/s): _____</p> <p>T_{inlet}(C°): _____</p> <p>T_{outlet}(C°): _____</p>
Working pressure (bar): _____	

Media

Name or chemical formula: _____

Physical state: Liquid Gas

Heat capacity (J/kg, C°): _____

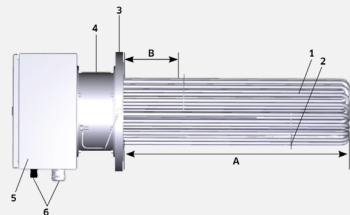
Physical limitations

Immersion length A (mm): _____

Inactive zone / Cold length B (mm): _____

Flange type/size (3): _____

Pressure class: PN _____



Electrical

Power (kW): _____ Frequency (Hz): _____

Voltage (V): _____ No. of power groups: _____

No. of Phases: _____

Controlling

Thermostat Setpoint: _____

Temperature limiter Setpoint: _____

Process controller On/Off PID Other

Mounting

Indoor Ambient temperature (C°): _____

Outdoor Ambient temperature (C°): _____

Horizontal

Vertical

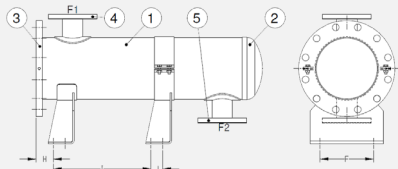
Flow tube

Flange (F1) type/size: _____

Flange (F2) type/size: _____

Sensors

Safety valve Vent valve



Additional

Certification

CFD analysis

Pressure test bar

FLANGED IMMERSION HEATERS - DESIGN SHEET

Project name:

Date:

Other

