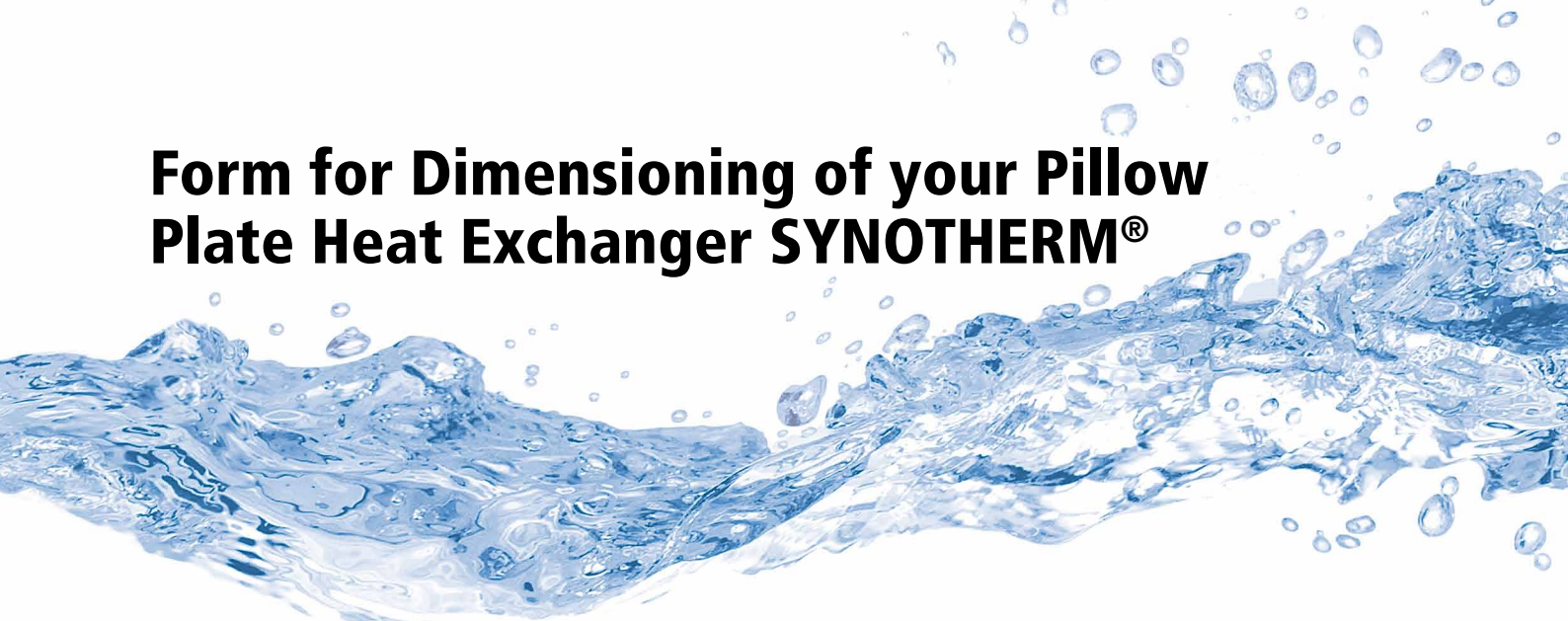


Form for Dimensioning of your Pillow Plate Heat Exchanger SYNOTHERM®



1. Sender

Customer code: Date:

Company:

Name:

Street:

State/Town/Postcode:

Telephone: Fax:

eMail:

2. Treatment - Liquid to be tempered

Process liquid:

Chemical composition:

pH-value:

Chemical entrainment: yes, Type: no

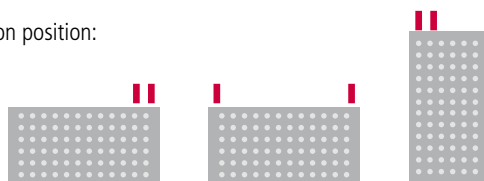
3. Tank - Installation dimension

Arrangement in tank: Longside Narrowside Bottom

Available space in mm (clear values): Length: Height:

Position of connection: Longside PHE Broadside PHE

Connection position:



Connection type:

Threaded nipple G1/2" G1"

Flange connection (DIN EN 1092-1):

Fixing:

Fixing strips Length:

Spacers:

For the efficient planning and dimensioning of the pillow plate heat exchanger we need, beside the heat demand calculation for the process, the data marked in this questionnaire.

Please send us the two filled questionnaires.

. Operating data

Desired power of pillow plate heat exchanger: kW/piece

Heat exchanger medium:

Water Water/Glycol Steam Heat transfer oil

Other:

Flow temperature (°C):

Min. return temperature (°C):

Nominal temperature process liquid (°C):

Operating pressure PS (bar):

Max. available rate of flow (l/h):

Material of pillow plate heat exchanger:

Stainless steel 1.4301/AISI 304 Stainless steel 1.4404/AISI 316L

Stainless steel 1.4571/AISI 316Ti Titanium 3.7035/grade 2

For cooling applications:

Exothermic heat:

Temperature increase from °C to °C in h

Rectifier power for the respective process:

Voltage (V, DC):

Current (A):

Efficiency of the electrolyte (%):

Duty-cycle of the plating voltage (h):