

Project reference



Kelvion Select PHE

Development of an API for the design of plate heat exchangers on the web, OPEN API

Customer

Kelvion PHE GmbH (Sarstedt)
Kelvion Brazed PHE GmbH (Wilchwitz)

Sector

Mechanical engineering

Locations

Europe, USA

Topic

Digitalization of sales processes, easy to use configurator incl. price on the web for customers and sales staff, integration into global sales and engineering tools

Description

– Extension of the backend with Rest API Service

KELVION SELECT PHE

START YOUR CONFIGURATION

DATACENTER

Data centers house all of your company's vital information and run your most critical processes. We offer a wide range of energy efficient and reliable cooling and heat rejections methods specifically designed to solve today's most demanding heat transfer challenges.

- All Plate Heat Exchangers
- Brazed Plate Heat Exchanger
- Gasketed Plate Heat Exchanger

REFRIGERATION

Refrigeration has made it possible to enjoy fresh food all year round, however far it has to travel to reach the consumer. It also plays a major role in keeping down the temperature in the global healthcare, commercial, industrial, residential and leisure sectors.

- All Plate Heat Exchangers
- Brazed Plate Heat Exchanger
- Gasketed Plate Heat Exchanger

– Universal web service for API consumers

The screenshot displays an API documentation interface. On the left, a list of endpoints is shown with their respective HTTP methods: GET, POST, PUT, and DELETE. The main content area is divided into two sections: 'Security: OAuth 2.0' and 'Security: Bearer Auth'. The 'OAuth 2.0' section provides detailed information about the protocol used, including a description of the grant flow and the URLs for token and refresh requests. Below this, a 'Responses' section shows a status code of 200. On the right, a 'Request Sample' section shows a cURL command for a GET request, and a 'Response Example' section shows a JSON response structure with fields like 'id', 'name', 'process_types', and 'heat_exchanger_types'.

Top-Competences

- Requirements management
- Project execution in time and budget
- Project organization
- Quality of results

Subject-Competences

- API development
- API management incl. automated tests
- Open API documentation
- Interdisciplinary technical coordination

Feedback on the work of Adakom

"Supported by Adakom GmbH we were able to extend our Keluion Select platform with Keluion Select PHE.

Via an API interface, using our long-standing configuration logic, users are enabled to configure Keluion plate heat exchangers using a modern interface with responsive user guidance. Our customers also integrate this interface (API Interface) seamlessly into their system landscape. This networking enables us to jointly implement customer-specific solutions in an even more targeted manner."

Jörg Ullrich

Director Processes & Systems Business Unit PHE