

# FEGA & SCHMITT, Electrical Wholesale Heilsbronn, Germany



## Project

- FEGA & SCHMITT, Electrical Wholesale
- Commissioning: August 2019

## Performance parameter

- Operating pressure: 6 bar
- Output: Heating = 132 m<sup>3</sup>/h, cooling = 53 m<sup>3</sup>/h

## Task

- Development of a robust hydraulic solution to implement a multivalent heating and cooling system
- Efficient combination and connection of consumers with different temperatures (3 condensing boilers, radiators, underfloor heating and ventilation system)

## Product solution

### Heating

- Sinus **MultiFlow** Center, customised production, 4,000-litre capacity and 4 temperature zones
- Sinus **EasyFixx**
- Reflex **Variomat**

### Cooling

- Sinus **MultiFlow** Center, customised design
- Sinus **EasyFixx**
- Reflex **Variomat**

## Achieved goals

- Speedy installation thanks to industrial prefabrication of the complete fittings
- The combination means the return temperatures for the condensing boilers can be kept low, to make the best possible use of the condensing effect
- Increased efficiency by utilising residual heat quantities through appropriate circuit occupancy