TCF121

HEATING FLOOR

Experimental capabilities

- **Identification of the components of a heating system by underfloor heating**
- **Analysis of connection mode**
- **Commissioning and setting of a circuit**
- **Measurement of the flow rates in each loop (2 loops)**

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version : FT-TCF121-STD-C

TCF121

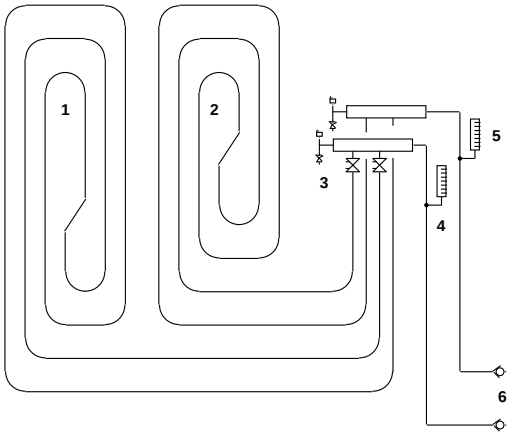
Operating principle

The TCF121 bench allows the study of a heating floor circuit
The user must activate the heating circuit (filling) and adjust the various organs (control valve on the manifold) in order to refine the balancing of the hydraulic circuit.

The robust design of this equipment makes it perfectly suited for use in schools.
Its anodized aluminum structure on wheels makes it extremely robust as well as great flexibility of integration into your premises.
The manufacturing of this equipment meets the European machine directive.

This equipment can be used alone or with other compatible devices in our range (see last section of this document).

Illustrations



Spécifications techniques

Loop N°1:
- Studded floor slabs of dimension 1.2x1.6m
- Length of unwound tube: about 16m

Loop N°2:
- Studded floor slabs of dimension 1.2x1.6m
- Length of unwound tube: about 16m

Manifold of flow and return equipped with:
- Control valve for each loop on the start manifold
- Basic flowmeter on the return manifold
- Manual air bleeder on each manifold
- Charging connector of treatment product on each manifold
- Manifold of departure in red color
- Manifold of return in blue color

Thermometer with red dial on the departure (0-80°C)
Thermometer blue dial on the return (0-80°C)
Two self sealing quick connectors for connecting a production system (boiler or tank)

Services required

- Water supply: connection on production bench
- Dimensions: (LxWxH mm): 1500 x 800 x 1850
- weight (Kg): 70

Note : if the equipment installation is operated by our staff, all supplies and exhaust connections required must stand at less than 2m from the machine

Documentation

- User's manual
- Technical documentation of the components
- Certificate of conformity CE

Recommended equipment

- DIDATEC production systems (fuel boilers, gas, wood) and the storage tanks

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