

Hydraulic Groups - HB-104

Fully brass hydraulic group with side pump connection, designed for combi type heating devices.

Thanks to its special design suitable for double condensing systems, domestic water could also be used for condensation.

Compatible with all circulation pump make and models, and suitable to be used with on off and stepper type 3WV actuators.

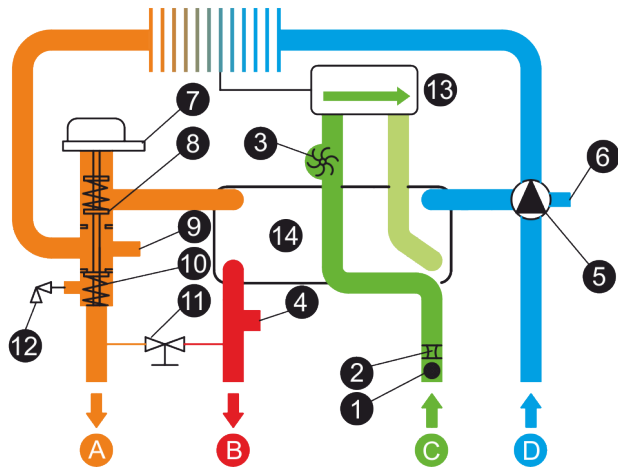
Standard content of delivery includes flow and return blocks with DHW filter, flow regulator as per customer request, radial type turbine flow meter with Hall effect sensor, manual filling tap, 3WV cartridge, brass or plastic 3 bar 1/2" pressure relief valve, 1/2" and 3/4" brass connection nipples.

The hydraulic set could be customized and provided with a plate heat exchanger, 3WV motor, pressure switch or sensor and NTC sensor upon customer request.

Constructive Properties

Flow Detection	· Turbine Type Flowmeter with Hall Effect Sensor
Pump Connection	· Side
By-Pass Type	· Through PHE
Material	· CuZn40Pb2 (CW617N)
Flow Regulator	· 6 to 22 (lt/min)
Pressure Relief Valve	· 3 bar 1/2"

Technical Drawings - HB-104



- 1 DHW Filter
- 2 Flow Regulator
- 3 Flow Sensor
- 4 NTC Sensor Connection
- 5 Circulation Pump
- 6 Expansion Vessel Connection
- 7 3 Way Valve Motor

- 8 Automatic Bypass
- 9 Pressure Gauge Conn.
- 10 3 Way Valve
- 11 Filling Tap
- 12 Safety Valve
- 13 Condensing Boiler
- 14 Plate Heat Exchanger

A Heating Delivery CH

B Sanitary Water Outlet DW

C Sanitary Water Inlet DW

D Heating Return CH

