

CH Only for external tank without integrated pump

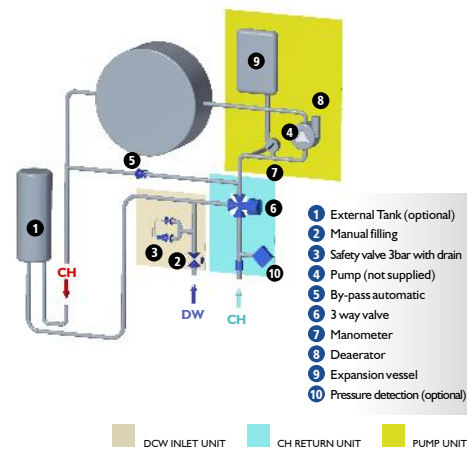


Pressure relief valve 3 bar

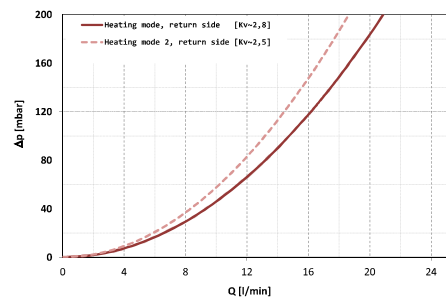
Description

The CH only Unit with 3 way valve is a standard product without integrated pump, that incorporates all the main features needed to control the water circuit in systems where an external tank for the DHW is present. The diverting valve with the Bitron actuator enables the water flow to switch from the heating circuit to a secondary circuit that passes through the external tank in order to indirectly heat the sanitary water stored in it. Several customizations are possible, for additional information refer to the Available features shown in this page. All main pump suppliers have a pump housing suitable to be assembled with this product. Both standard and high efficiency pumps can be used. For specific questions related to possible layouts contact Bitron HVAC Division.

Hydraulic scheme



Pressure drops in CH circuit



Datasheet

Ambient temperature
From 2°C to 70°C

Water temperature
CH circuit: from 2°C to +95°C, peak 110°C

Water pressure
CH circuit: from 0 bar to 3 bar

Electric connections
Rast 2.5 / Faston Tabs

Approval(s)
ENEC, WRAS compliant

Available features

| PUMP | Standard Efficiency | High Efficiency | | |
|--------------------|---------------------|-----------------------------------|-----------|----------|
| PRESSURE DETECTION | Pressure switch | Pressure sensor | | |
| PRV 3BAR | w/ drain tap | w/o drain tap | w/ knob | w/o knob |
| DRAINING | on PRV 3BAR | on pump | | |
| AUTOMATIC BY PASS | through PHE | External | | |
| 3 WAY VALVE | 24VAC | 120VAC | 230VAC | |
| DW FILTER | plastic | metallic | | |
| FLOW RESTRICTOR | without | [on request from 6.5 to 18 l/min] | | |
| FLOW DETECTION | HS effect flowmeter | | | |
| TEMPERATURE SENSOR | NTC w/ B=3435 | NTC w/ B=3977 | | |
| FILLING | [disabled function] | Manual tap | Automatic | |

Overall dimensions

