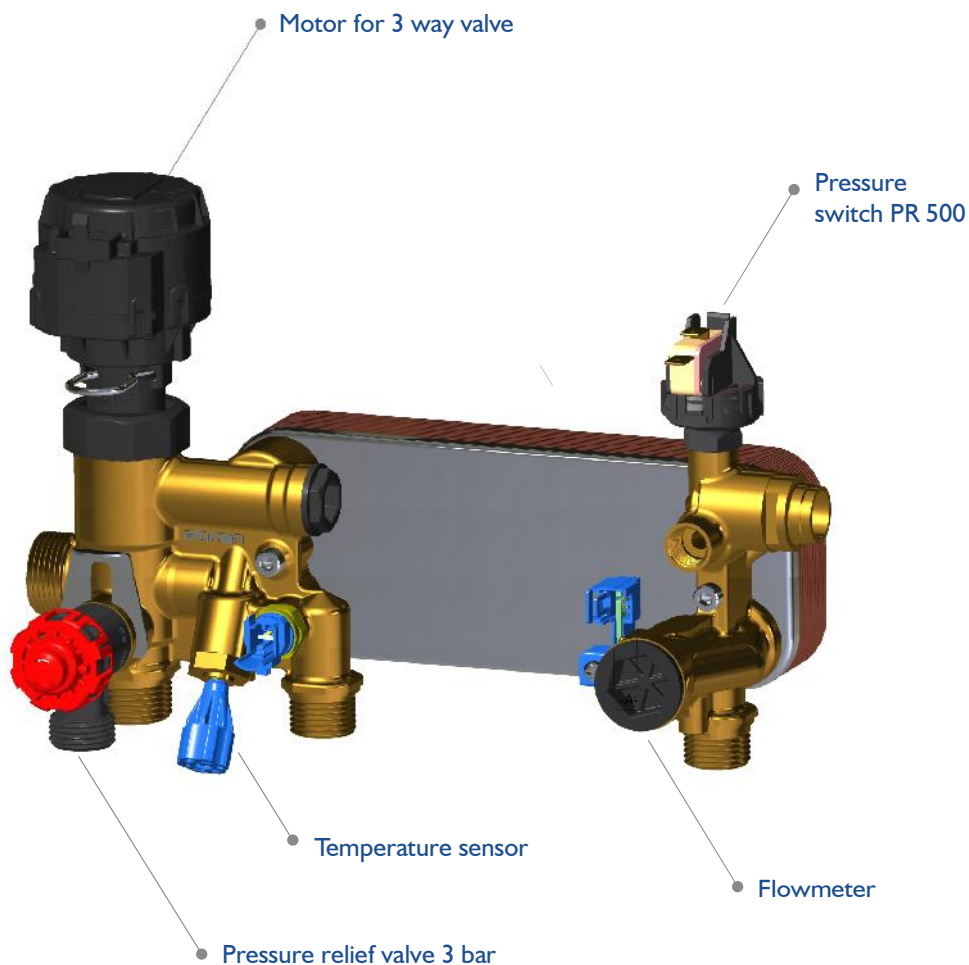


# Combi Brass



## Description

The Combi Hydraulic unit in Brass is a product developed to give a higher flexibility to Bitron's customers. The chosen design minimizes the use of raw material and the layout enables to obtain a compact solution. The components included are the standard ones used in all of Bitron's hydraulic units. All main pump suppliers have a pump housing suitable to be assembled with this product. Also the plate heat exchanger has been chosen to be compatible with the major suppliers standards. Both standard and high efficiency pumps can be used.

## Datasheet

**Ambient temperature**  
From 2°C to 70°C

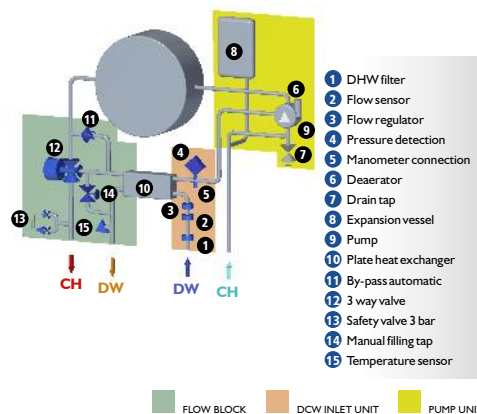
**Water temperature**  
CH circuit: from 2°C to +95°C, peak 110°C  
DW circuit: from 2°C to +70°C, peak 85°

**Water pressure**  
CH circuit: from 0 bar to 3 bar  
DW circuit: from 0.3 bar to 10 bar

**Electric connections**  
Rast 2.5 / Faston Tabs

**Approval(s)**  
ENEC, WRAS compliant

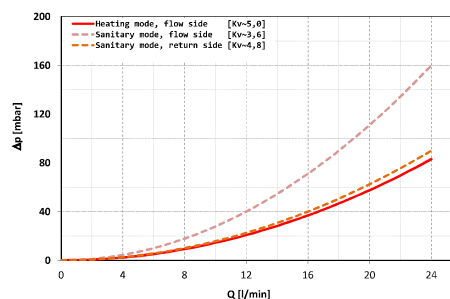
## Hydraulic scheme



## 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	

## Pressure drops in CH circuit



## Overall dimensions

