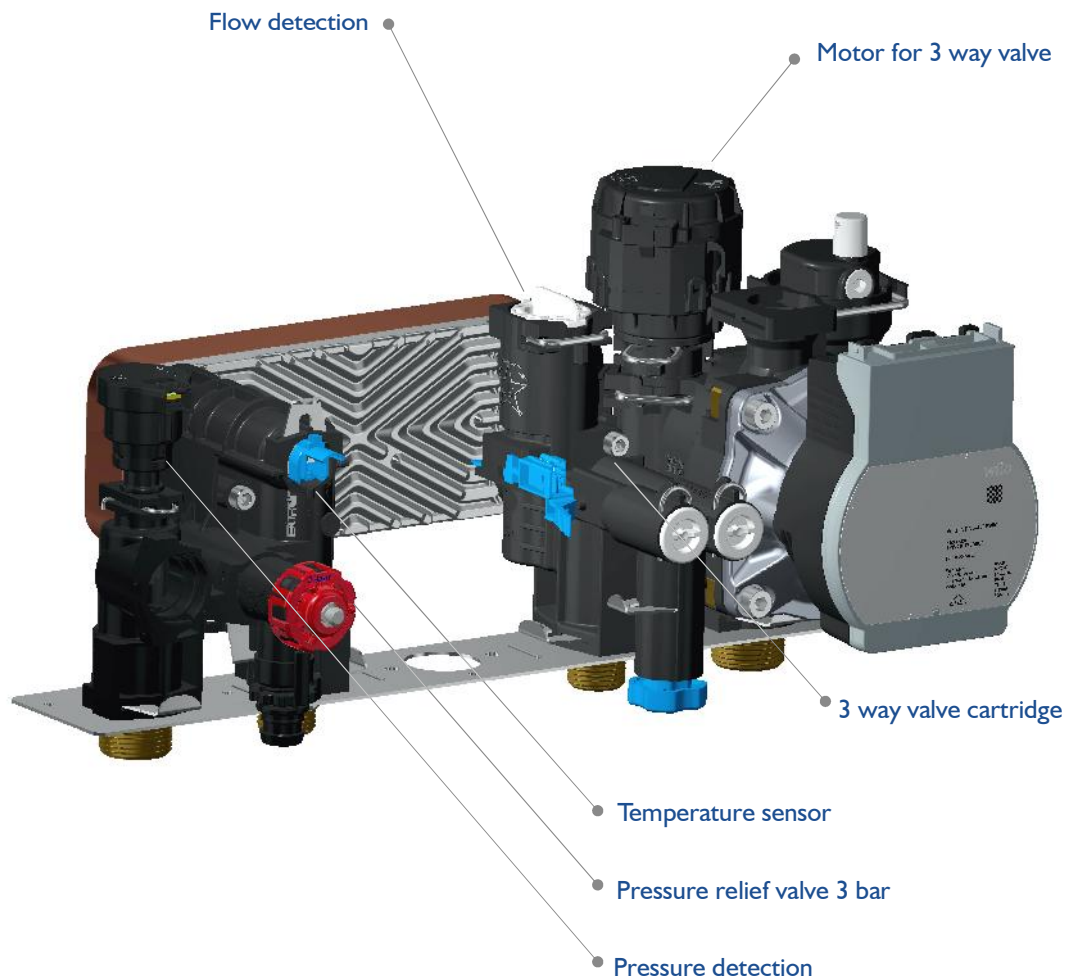


# Combi with integrated pump



## Description

This Combi Unit is a ready to use solution, that integrates all the main features needed to control the water circuits in a wall-hung boiler. The plate heat exchanger connected to the primary circuit of the hot water allows to warm up the DHW (Domestic Hot Water) in an instantaneous way without the need of any external tank. Several customizations are possible, for additional information refer to the Available features shown in this page.

## Datasheet

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

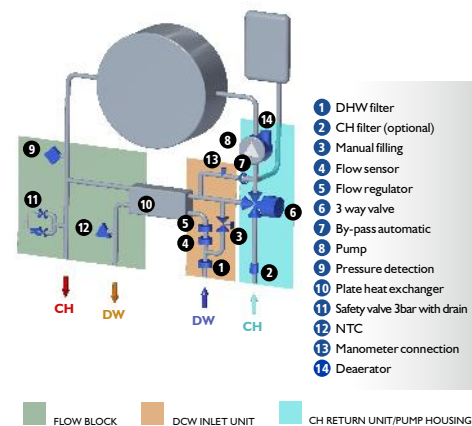
**Water temperature**  
CH circuit: from 2°C to +95°C, peak 110°C  
DW circuit: from 2°C to +70°C, peak 85°C

**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  
Specific connector for pump

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

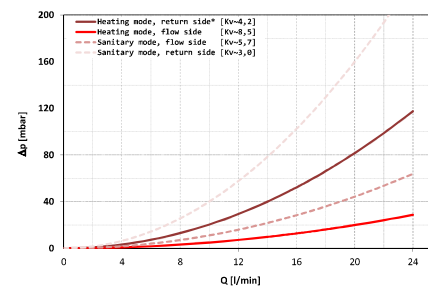
## Hydraulic scheme



## 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



(\*) Pressure drop on 3W Pump only, without suction ring and motor

## Overall dimensions

