

Combi without integrated pump



Description

This Combi Unit is a ready to use solution without integrated pump, that incorporates 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 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. All main pump suppliers have a pump housing suitable to be assembled with this product. Both standard and high efficiency pumps can be used.

Datasheet

Ambient temperature
From 2°C to 70°C

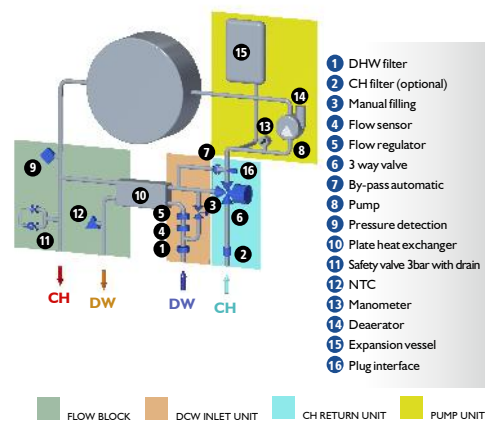
Water temperature
CH circuit: from 2°C to +95°C, peak 110°C
DW circuit: from 2°C to +70°C, peak 85°

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

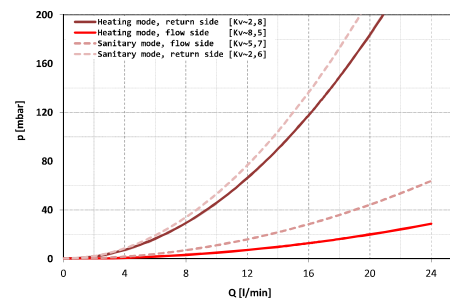
Hydraulic scheme



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

