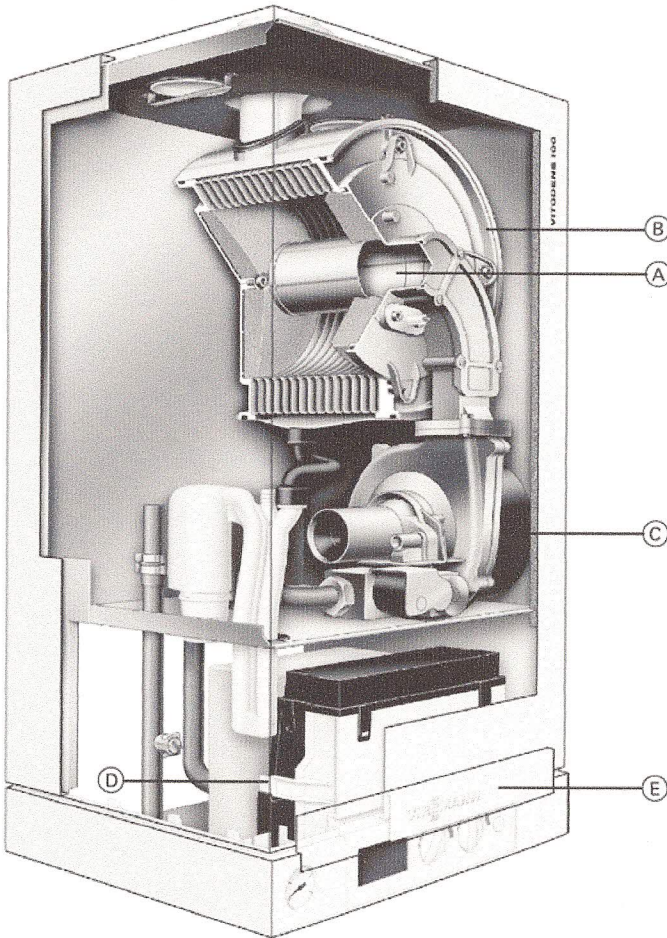


Product Information



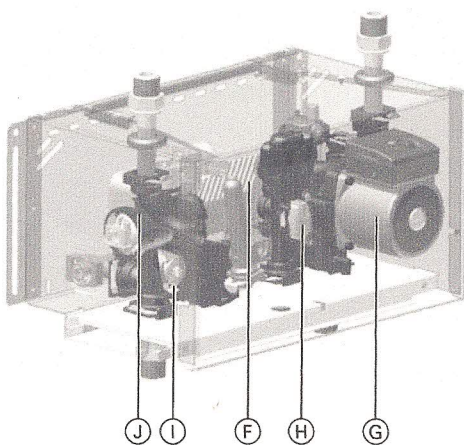
Boiler cross-section

Legend

- Ⓐ Stainless steel Matrix cylinder burner
- Ⓑ Inox-Radial stainless steel heat exchanger
- Ⓒ Burner blower
- Ⓓ Gas and hydronic connections
- Ⓔ Boiler control

Standard Equipment:

Wall-mount boiler and installation fittings c/w 30 psi pressure relief valve, pressure gage, gas shut-off valve, two fill/drain valves, all mounting hardware, outdoor temperature sensor, and LP conversion kit.



CombiPLUS cross-section

Legend

- Ⓕ Plate-type heat exchanger
- Ⓖ Boiler / DHW pump
- Ⓗ Flow sensor
- Ⓘ Pressure by-pass valve
- Ⓝ Diverting valve

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Note: Products may not look exactly as illustrated.

Specifications

Standard heating boiler

Boiler Model No.		WB1B 26	WB1B 35
Natural gas and LPG CSA input	MBH	37-91	37-118
	kW	10.8-26.7	10.8-34.6
CSA output/DOE ¹ heating capacity	MBH	34-83	34-108
	kW	9.9-24.3	9.9-31.6
Net I = B = R rating ²	MBH	72	94
Heat exchanger surface area	ft. ²	10.23	10.23
	m ²	0.95	0.95
Min. gas supply pressure			
Natural gas	"w.c.	4	4
LPG	"w.c.	10	10
Max. gas supply pressure ³			
Natural gas and LPG	"w.c.	14	14
A.F.U.E.	%	94.0	94.0
Weight	lbs	78	78
	kg	34.1	34.1
Shipping weight	lbs	95	95
	kg	43	43
Boiler water content	USG	0.87	0.87
	L	3.3	3.3
Boiler max. flow rate ⁴	GPM	6.2	6.2
	L/hr.	1400	1400
Max. operating pressure (max. allowable working pressure) at 210° F (99° C)	psig	45	45
	bar	3	3
Boiler water temperature			
- Adjustable high limit (AHL) range		86 to 176 (30 to 80)	
- space heating (steady state)		176 (80)	
- DHW production (set-point)			
- Fixed high limit (FHL)		210 (99)	
Boiler connections			
Boiler heating supply and return	NPTM (male) "	3/4"	3/4"
Pressure relief valve	NPTF (female) "	3/4"	3/4"
Drain valve	(male thread) "	3/4"	3/4"
Dimensions			
Overall depth	inches	14 1/8	14 1/8
	mm	360	360
Overall width	inches	15 3/4	15 3/4
	mm	400	400
Overall height	inches	28 1/2	28 1/2
	mm	725	725

¹ Output based on 140° F (60° C), 120° F (49° C) system supply / return temperature.

² Net I = B = R rating based on piping and pick-up allowance of 1.15.

³ If the gas supply pressure exceeds the maximum gas supply pressure value, a separate gas pressure regulator must be installed upstream of the heating system.

⁴ See "System Flow Rates" on pages 20 to 25 in this manual.