

Technical Data (continued)

		Standard heating boiler	
Boiler Model	Model No.	WB1B 26	WB1B 35
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
Gas supply connection			
	NPTF (female)"	3/4"	3/4"
Flue gas *5			
Temperature at boiler return temperature of 86°F (30°C)			
- at rated full load	°F (°C)	127 (53)	131 (55)
- at rated partial load	°F (°C)	90 (32)	90 (32)
Temperature at boiler return temperature of 140°F (60°C)			
	°F (°C)	167 (75)	172 (78)
Flue gas value			
Mass flow rate (of flue gas)			
- at rated full load	lbs/h	79.2	100.1
	kg/h	36.0	45.5
- at rated partial load	lbs/h	33.0	33.0
	kg/h	15.0	15.0
Available draught	Pa	100	100
	mbar	1.0	1.0
Flue gas temperature sensor limit			
	°F (°C)	230 (110)	230 (110)
Average condensate flow rate *6			
with natural gas			
- Ts/TR = 122 / 86°F (50 / 30°C)	USG/day	1.95-2.3	2.5-2.8
	L/day	8-9	9.4-10.5
Condensate connection *7			
	hose nozzle Ø in.	1"	1"
Boiler flue gas connection *8			
	Ø in. (mm)	2 ³ / ₈ (60)	2 ³ / ₈ (60)
Boiler air supply connection *8			
	outer Ø in (mm)	4 (100)	4 (100)
Noise level (at 1 meter)			
- at full load	(dB)	47	49
- at partial load	(dB)	40	42
High altitude (factory set) *9			
	ft. (m)	0-5,000 (0-1,500)	0-5,000 (0-1,500)

*5 Measured flue gas temperature with a combustion air temperature of 68°F (20°C).

*6 Based on typical boiler cycles, including partial load conditions.

*7 Requires 1" (25 mm) tubing. See Vitodens 100-W Installation Instructions for details.

*8 For detailed information refer to the Vitodens Venting System Installation Instructions.

*9 For 5,000 to 10,000 ft. (1,500 to 3,048 m) operation, a coding address change is required. Refer to the Installation and Service Instructions for details.

► For information regarding other Viessmann System Technology componentry, please reference documentation of respective product.

House

Outbuilding