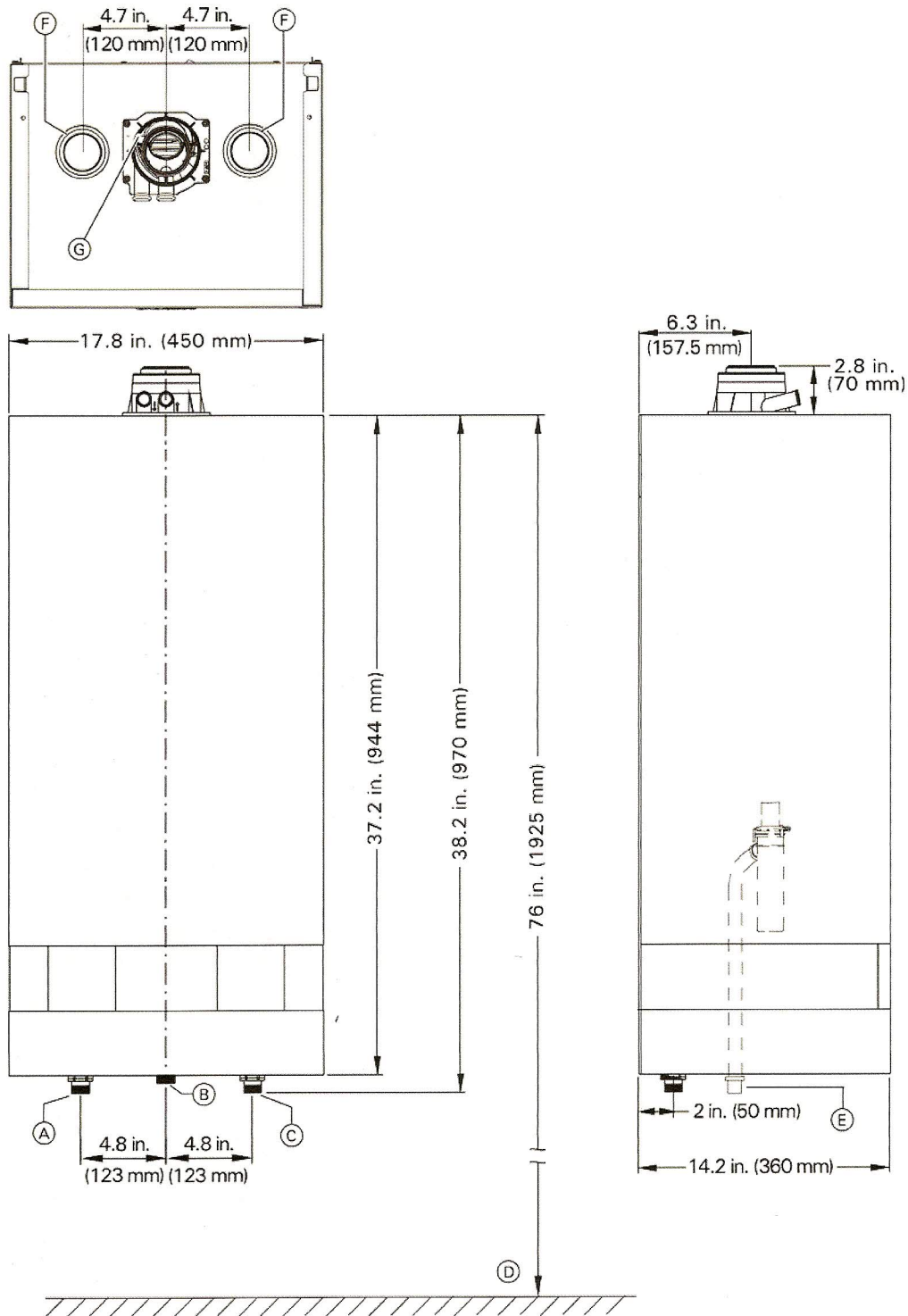


Models 200-W, B2HA 19, 28, 35



Legend

- (A) Boiler Supply
- (B) Gas Connection, 3/4" NPTF
- (C) Boiler Return
- (D) Recommended height (single boiler system)
- (E) Condensate drain
- (F) Combustion air intake (left or right)
- (G) Combustion air intake (through co-axial)

Technical Data

Boiler Model No. 200-W B2HA		19	28	35	45	60	80
Dimensions							
Overall depth	inches (mm)	14 (360)	14 (360)	14 (360)	15 (380)	15 (380)	21 (530)
Overall width	inches (mm)	17 ³ / ₄ (450)	17 ³ / ₄ (450)	17 ³ / ₄ (450)	19 (480)	19 (480)	19 (480)
Overall height	inches (mm)	41 (1040)	41 (1040)	41 (1040)	40 ⁵ / ₈ (1031)	40 ⁵ / ₈ (1031)	43 ¹ / ₂ (1105)
Flue gas *5							
Temperature (at boiler return temperature of 86°F (30°C))							
- at rated full load	°F (°C)	113 (45)	113 (45)	113 (45)	95 (35)	104 (40)	95 (35)
- at rated partial load	°F (°C)	95 (35)	95 (35)	95 (35)	91 (33)	95 (35)	91 (33)
Temperature (at boiler return temperature of 140°F (60°C))							
	°F (°C)	154 (68)	154 (68)	154 (68)	149 (65)	158 (70)	149 (65)
Max. condensate flow rate *6 with natural gas and T _S /T _R = 122/86°F (50/30°C)							
	USG/h (L/h)	0.66 (2.5)	0.97 (3.7)	1.21 (4.6)	1.55 (5.9)	2.0 (7.9)	2.77 (10.5)
Condensate connection *7							
	hose nozzle Ø in	³ / ₄ -1	³ / ₄ -1	³ / ₄ -1	³ / ₄ -1	³ / ₄ -1	³ / ₄ -1
Boiler flue gas connection *8							
	Ø in (mm)	2 ³ / ₈ (60)	2 ³ / ₈ (60)	2 ³ / ₈ (60)	3 ¹ / ₄ (80)	3 ¹ / ₄ (80)	4 ³ / ₈ (110)
Combustion air supply connection (coaxial)							
	outer Ø in (mm)	4 (100)	4 (100)	4 (100)	5 (125)	5 (125)	6 (150)
Sound Rating							
- at maximum input	dB	41	48	51	56	67	56
- at minimum input	dB	35	36	36	39	39	38

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

*6 Based on maximum input rate.

*7 Requires 1 inch (25 mm) tubing. See the Installation Instructions of the Vitodens 200-W, B2HA for details.

*8 For side wall vent installations (coaxial system):

Do not exceed max. equivalent length specified in the Installation Instructions of the Vitodens 200-W, B2HA Venting System.

Side wall co-axial vent installation must include Viessmann protective screen!

For details refer to the Installation Instructions for the Vitodens 200-W, B2HA Venting System.

The Vitodens 200-W can only be common vented with other Vitodens 200-W boilers of the same size and series (Vitodens 200-W B2HA 19, 28, 35 cannot be common vented).

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

Note: For high altitude installation at 10,000 ft. the input for model B2HA 19-80 will have an altitude de-rating of 21%.