

Technical Specifications



Model	Heating and Tankless Hot Water			Heating*				
	Greenstar Combi 100	Greenstar Combi 131	Greenstar Combi 151	Greenstar 57	Greenstar 79	Greenstar 100	Greenstar 131	Greenstar 151
Wall Model	ZWB28-3	ZWB35-3	ZWB42-3	ZBR10-3	ZBR21-3	ZBR28-3	ZBR35-3	ZBR42-3
Floor Model	KWB28-3	KWB35-3	KWB42-3	KBR10-3	KBR21-3	KBR28-3	KBR35-3	KBR42-3

Performance Specifications

Fuel	NG / LP			NG / LP				
Input Maximum (MBH)	100.8	131.9	151.6	57.2	79.2	100.8	131.9	151.6
Input Minimum (MBH)	24.6	36.0	36.0	12.9	24.6	24.6	36.0	36.0
DOE Heating Capacity (MBH)	91	118	135	52	71	91	118	135
Net I=B=R (MBH)	79	103	117	45	62	79	103	117
AFUE	95%	95%	95%	95%	95%	95%	95%	95%
DHW Flow Max (ΔT at 72°F), GPM	2.65	3.2	4.0	not applicable				
Water Volume, Gal (L)	0.952 (3.5)			0.952 (3.5)				

Technical Data

Wall Model								
- Weight, lbs (without Packaging, kg)	110.2 (50)			103.6 (47)				
- Dimensions, in. (W x H x D)	17 ⁷ / ₈ x 33 ¹ / ₂ x 13 ⁹ / ₁₆			17 ⁷ / ₈ x 33 ¹ / ₂ x 13 ⁹ / ₁₆				
Floor Model								
- Weight, lbs (without Packaging, kg)	136.6 (62)			132 (60)				
- Dimensions, in. (W x H x D)	19 ¹ / ₂ x 41 x 21 ⁷ / ₈			19 ¹ / ₂ x 41 x 21 ⁷ / ₈				
Optional Base Dimensions	Stand dimensions: 13 ³ / ₄ " deep, by 17 ³ / ₈ " wide by 20 ¹ / ₂ " high. Total height of stand and boiler: 54 ¹ / ₂ "							
Wall Boiler Supply & Return Tappings, in.	1			1				
Floor Boiler Supply & Return Tappings, in.	1 ¹ / ₄			1 ¹ / ₄				
Domestic Cold Water Supply, in.	3/4			not applicable				
Domestic Hot Water Supply, in.	3/4			not applicable				
Gas Connection Size, in.	3/4			3/4				
Vent Size, in.	2-3			2-3				
Vent Material	PVC / CPVC / PP / PP-Flex			PVC / CPVC / PP / PP-Flex				
Combustion Air Size, in.	2-3			2-3				
High Altitude Capability	No De-Rating up to 6,000'	No De-Rating up to 6,000'	De-Rating 3% per 1,000'	No De-Rating up to 6,000'	No De-Rating up to 6,000'	No De-Rating up to 6,000'	No De-Rating up to 6,000'	De-Rating up to 6,000' 3% per 1,000'
Permissible Inlet Gas Pressure				3.5-10.5"				
- NG in. W.C.				8-13"				
- LP (propane) in. W.C.								

* Heat only Greenstar models may be used with indirect water tanks to provide domestic hot water.
 † Copies of original warranties in their entirety are available at www.boschheatingandcooling.com.



Bosch Thermotechnology Corp.

Londonderry, NH • Ft. Lauderdale, FL
 General Inquiries: 1-866-642-3198
www.boschheatingandcooling.com



75H995024a 03-15

Copyright © 2015 Bosch Thermotechnology Corp.
 All rights reserved. Subject to change without notice.