

Technical Specifications

Model	Heating and Tankless Hot Water			Heating*				
	Greenstar Combi 100 ZWB28-3	Greenstar Combi 131 ZWB35-3	Greenstar Combi 151 ZWB42-3	Greenstar 57 ZBR16-3	Greenstar 79 ZBR21-3	Greenstar 100 ZBR28-3	Greenstar 131 ZBR35-3	Greenstar 151 ZBR42-3
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)	34.6	36.0	36.0	12.9	23.9	24.6	36.0	36.0
DOE Heating Capacity (MBH)	89.4	116.7	134.4	50.8	71	89.4	116.7	134.4
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								
Weight, lbs (without Packaging, kg)	110.2 (50)			103.6 (47)				
Dimensions, in (W x H x D)	17 ² / ₅ x 33 ¹ / ₂ x 13 ⁹ / ₁₀			17 ² / ₅ x 33 ¹ / ₂ x 13 ⁹ / ₁₀				
Minimum Recommended Pipe Size, in	1			1				
Supply Tappings, in	1			1				
Return Tappings, in	1			1				
Domestic Cold Water Supply, in	¾			not applicable				
Domestic Hot Water Supply, in	¾			not applicable				
Gas Connection Size, in	¾			¾				
Vent Size, in	2 - 3			2 - 3				
Vent Material	PVC / CPVC / PP			PVC / CPVC / PP				
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	• NG in. W.C. • LP (propane) in. W.C.			3.5-10.5" 8-13" (19.9-32.3)				

* 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

Optional Accessories

Floor Standing Base	FB100 Control	ICM Control	Cleaning Tool 1060	Cleaning Tool 1061
Base (All Models)	Room Sensor	Cascade Control Module (4 Max)	Cleaning Brush Set	Cleaning Tool
				