

Greenstar Condensing Boiler

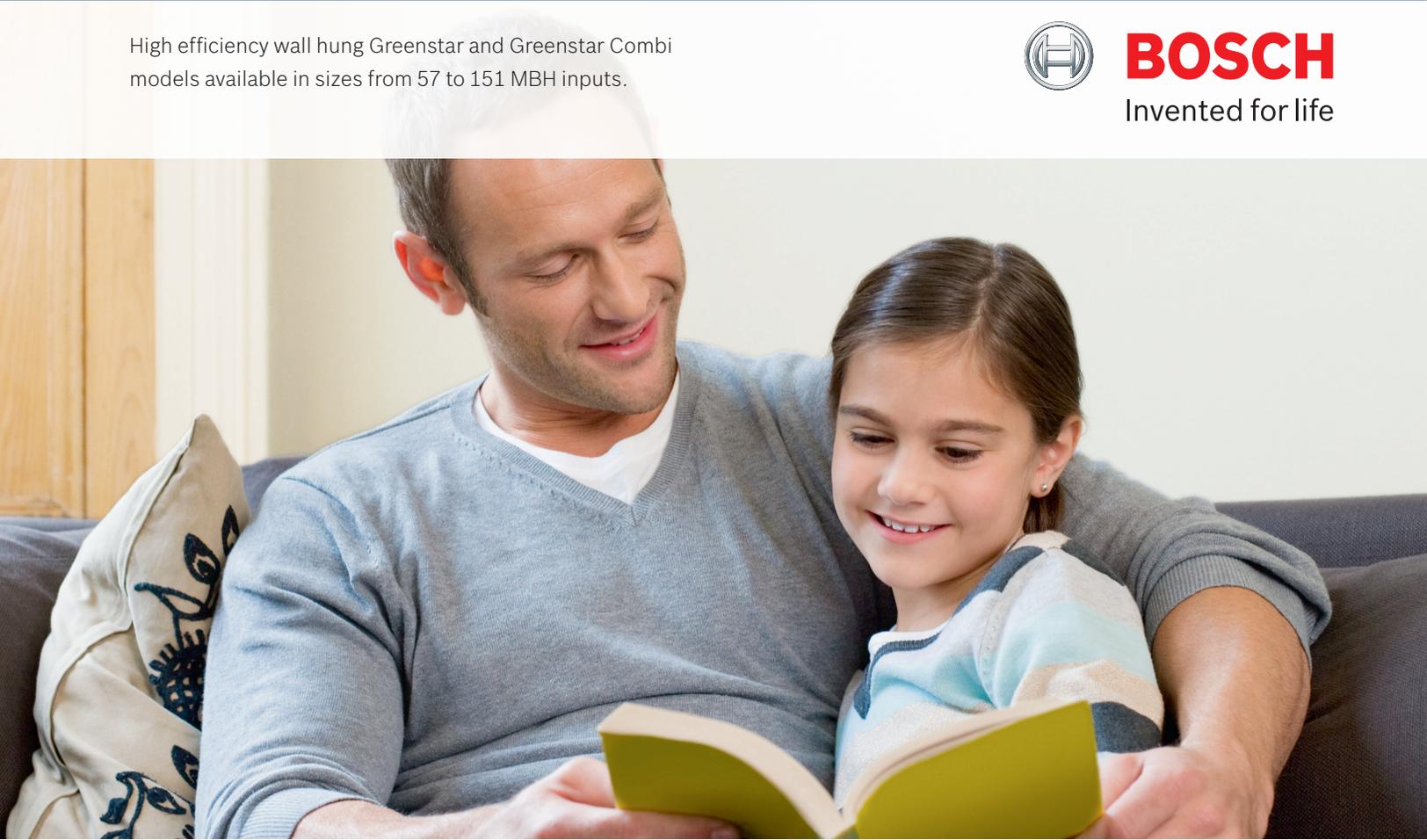
Efficient, Affordable, Home Comfort

New Sizes
Available

High efficiency wall hung Greenstar and Greenstar Combi models available in sizes from 57 to 151 MBH inputs.



BOSCH
Invented for life



Upgrade to the latest, affordable heating technology.

The Greenstar boiler by Bosch is small in size but big in features. It is ultra quiet, space saving, environmentally friendly, uses

modern condensing technology, and offers a superior industry warranty. All at a great price!

But more importantly it will keep your home warm and comfortable. The Greenstar is available in two models—combi for space and tankless water heating or the space heating model which can be used with our DHW tanks. The Greenstar is Bosch quality and innovation at its finest.



95%
AFUE

Features

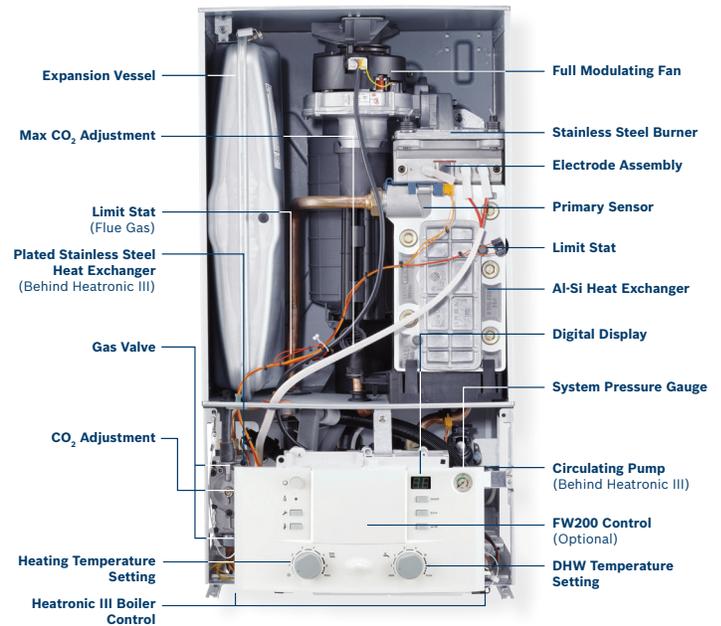
- ▶ Wall mounted—no floor space required
- ▶ Easy to install—hydronic manifold and integral pump make installation quick and easy
- ▶ Fully modulating fan with 5 to 1 turndown for optimal combustion efficiency
- ▶ Combi models provide space heating & tankless DHW flow rate up to 4 GPM
- ▶ Superior warranty—limited lifetime heat exchanger and 5-year parts & labor[§]



[§] Copies of original warranties in their entirety are available at www.boschheatingandcooling.com

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- ▶ Two Models—space heating only, or combi-boiler for space heating and up to 4 GPM of tankless water heating
- ▶ Ultra-efficient condensing technology—up to 98.7% with low temperature applications
- ▶ Vents with PVC, CPVC and PP piping
- ▶ Simple & intelligent control options available, optimizing boiler efficiency and fuel consumption
- ▶ All models feature ALSi heat exchanger, 3 speed Grundfos integrated pump, FW200 outdoor reset control, Heatronic III boiler control, hydronic manifold bracket, and twin pipe flue adapter
- ▶ 10-Year Full / Limited Lifetime Heat Exchanger Warranty and Limited 5-Year Parts & Labor Warranty[§]

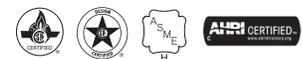


	Heating & Tankless Hot Water				Heating*			
	Greenstar Combi 100	NEW Greenstar Combi 131	Greenstar Combi 151	Greenstar 57	NEW Greenstar 79**	Greenstar 100	Greenstar 131	Greenstar 151
Models	ZWB28-3	ZWB35-3	ZWB42-3	ZBR16-3	ZBR21-3	ZBR28-3	ZBR35-3	ZBR42-3
Part Number	7738100002	7738100256	7713331041	7712231416	7738100322	7712231415	7712231414	7712231413
Performance Specifications								
Fuel	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)							
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							
Minimum Recommended Pipe Size, in	1							
Supply Tappings, in	1							
Return Tappings, in	1							
Domestic Cold Water Supply, in	¾		¾	not applicable				
Domestic Hot Water Supply, in	¾		¾	not applicable				
Gas Connection Size, in	¾							
Vent Size, in	2 - 3							
Vent Material	PVC / CPVC / PP							
Combustion Air Size, in	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'
Gas Pressure Minimum inches water column	NG 3.5"							

*Heat only Greenstar models may be used with indirect water tanks to provide domestic hot water.

**Available late 2013

§Copies of original warranties in their entirety are available at www.boschheatingandcooling.com



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