

Manufacturer: GUNTAMATIC Heiztechnik GmbH

Compilation of measuring results from the boiler series BIOCOM

Boiler Model	Testing Institute	Test Report no.	Date of Report	Nominal Heat Output kW	Efficiency direct %	Carbon monoxide CO	Nitrogen oxide NO _x as NO ₂ mg/Nm ³ at O ₂ = 13 %Vol.	Organic carbon OGC	Particulates PP	Boiler class EN 303-5: 2012	5-star classification ^{***}	C _e in acc. ContoTermico
Fuel:	wood pellets											
BIOCOM 30	BLT ^{**)}	015/09	March 05, 2009	30.0	92	3	100	< 1	4	5	5	1.5
BIOCOM 40	BLT ^{**)}	0279/09	March 05, 2009	40.0	93	5	96	< 1	9	5	5	1.5
BIOCOM 50	TÜV ¹⁾	K44099/2	July 27, 2006	49.0	94	6	91	< 1	14	5	4	1.5
BIOCOM 75	BLT ^{**)}	0197/08	Feb. 04., 2008	75.0	94	6	100	< 1	10	5	5	1.5
BIOCOM 100	BLT ^{**)}	007/08	Feb. 01, 2008	99.0	94	6	108	< 1	6	5	5	1.5

¹⁾ TÜV SÜD Landesgesellschaft Österreich GmbH; A-8600 Bruck/Mur

²⁾ BLT – Biomass I Logistics I Technology, Francisco Josephinum Wieselburg, A-3250 Wieselburg

³⁾ according „Decree 7 November 2017, no. 186 of Italian Ministry of the Environment and Protection of Land and Sea“

Remarks:

- Mentioned measurement results are excerpts from the reports named above. The measuring results only refer to the facility tested at the date of test and the operating state at that time
- Measurement values marked by "<" are below detection limit of measurement method used
- Permitted fuel: wood pellets size D06 as per EN ISO 17225-2 property class A1
- Testing, sampling and analysis according to EN 303-5: 1999
- c_e - coefficient from the italian directive "Conto Termico 2.0" for the emissions of dust: 15 < PP ≤ 20: c_e = 1.0; 10 < PP ≤ 15: c_e = 1.2; PP ≤ 10: c_e = 1.5
- Installation of hot water storage tank (sistema di accumulo termico) minimum 20 dm³/kW nominal heat output obligatory by "ContoTermico" conditions

Official in Charge: J. Geineder

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