



Engineering Test Institute, Public Enterprise, Czech Republic

CERTIFICATE OF TEST

Number **O-B-00096-20**

Manufacturer GREŇ sp.j.
ul. Górnośląska 5
43-200 Pszczyna
Poland

Product Hot-water boiler for solid fuel with automatic fuel supply

Type range **EG-MULTIFUEL 17, EG-MULTIFUEL 20, EG-MULTIFUEL 25,
EG-MULTIFUEL 27, EG-MULTIFUEL 30, EG-MULTIFUEL 35**

Tested boilers **EG-MULTIFUEL 17, EG-MULTIFUEL 20, EG-MULTIFUEL 35**

Ecodesign requirements Commission Regulation (EU) No. 2015/1189, Annex II, Art. 1
Commission Regulation (EU) No. 2015/1187

Test method ČSN EN 303-5:2013

Heating method automatic

Preferred fuel wood chips – B1

Results

Type	EG-MULTIFUEL						
	17	20	25 *)	27 *)	30*)	35	
Nominal output							
CO (10% O ₂)	mg/m ³	143	143	200	222	256	313
OGC (10% O ₂)	mg/m ³	7	7	7	7	8	8
Dust (10% O ₂)	mg/m ³	22	22	24	24	25	27
NO _x (10% O ₂)	mg/m ³	175	175	158	152	142	125
Efficiency	%	89.9	89.9	89.9	89.9	90.0	90.0
Useful efficiency	%	80.7	80.7	80.7	80.7	80.8	80.8
Minimum output							
CO (10% O ₂)	mg/m ³	457	457	322	268	188	53
OGC (10% O ₂)	mg/m ³	10	10	8	8	7	5
Dust (10% O ₂)	mg/m ³	39	39	35	33	30	26
NO _x (10% O ₂)	mg/m ³	177	177	159	152	141	123
Efficiency	%	91.6	91.6	91.6	91.6	91.5	91.5
Useful efficiency	%	82.3	82.3	82.3	82.3	82.2	82.2

*) Values declared by manufacturer



O-B-00096-20, page 1 (2)

Strojirenský zkušební ústav, s.p., Hudcova 424/56b, 621 00 Brno, Česká republika
Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

www.szutest.cz



**Seasonal emissions**

Type		17	20	25 *)	27 *)	30*)	35
CO (10% O ₂)	mg/m _n ³	410	410	304	262	198	92
OGC (10% O ₂)	mg/m _n ³	10	10	9	8	7	6
Dust (10% O ₂)	mg/m _n ³	37	37	33	32	30	26
NOx (10% O ₂)	mg/m _n ³	176	176	158	151	141	123

Type		17	20	25 *)	27 *)	30*)	35
η _{son}	%	82.1	82.1	82.1	82.1	82.0	82.0
F1	%	3.0	3.0	3.0	3.0	3.0	3.0
F2	%	2.0	2.0	2.0	2.0	1.9	1.9

Seasonal space heating energy efficiency

η _s	%	77	77	77	77	77	77
----------------	---	----	----	----	----	----	----

Energy Efficiency Index

EEI		114	114	114	114	114	114
-----	--	-----	-----	-----	-----	-----	-----

Energy Efficiency Class

	A+	A+	A+	A+	A+	A+	A+
--	----	----	----	----	----	----	----

*) Values declared by manufacturer

Basis for Certificate issue

Report No. 31-9960/2/T
and follow-up reports, issued by Testing Laboratory No. 1045.1,
accredited by CAI, Accreditation Certificate No. 491/2018

The Engineering Test Institute certifies by this Certificate of Test to have conducted for the given product the test and calculation with above stated results.

Brno, 2020-01-22




Milan Holomek

Head of Heat and Ecological Equipment Test Station