



Industrie Service

S U M M A R Y

concerning initial type tests of sauna stoves fired by natural wood logs according to EN 15821

Choose certainty.
Add value.

Test Laboratory: TÜV SÜD Industrie Service GmbH
Feuerungs- und Wärmetechnik
Notified Body 0036 according CPR

Subject of Test: Sauna stoves fired by natural wood logs according to EN 15821

Models

- Harvia 20 Pro
- Harvia 20 SL
- Harvia ES PRO
- Harvia ES PRO S
- Harvia 20 BOILER
- Harvia 20 SL BOILER
- Harvia Classic 220
- Harvia Legend 150
- Harvia Legend 150 SL
- Harvia Legend 240
- Harvia Legend 240 SL
- Harvia Linear 22
- Harvia 22
- Harvia 22 Steel
- Harvia 22 Pro
- Harvia M3
- Harvia M3 SL
- Harvia M2

Date: 14.03.2016

Our reference:
IS-TAF-MUC/wei

Order no. 2525323

Document:
Summary Testresults Harvia
Sauna Stoves.doc

Page 1

The document consists of
2 pages and 1 annex

Excerpts from this document
may only be reproduced and
used for advertising purposes
with the express written
approval of TÜV SÜD Industrie
Service GmbH.

The test results refer exclusively
to the units under test.

Ordering Company: Harvia Oy
Teollisuustie 1-7
40951 Muurame
Finland

Basis of Test: DIN EN 15821:2011-01

Test Report: W-O 1339-00/12 vom 04.06.2012
W-O 1339-02/14 vom 11.04.2014
W-O 1339-04/16 vom 02.02.2016
W-O 1340-00/12 vom 11.06.2012
W-O 1341-00/12 vom 11.06.2012





Industrie Service

The essential characteristics according to appendix ZA.1 of DIN EN 15821 for sauna stoves fired by natural wood logs have been tested and the requirements are fulfilled, if the measures in the listed test report have been taken into account.

A summary of results of the tests is documented in the annex. The results in detail, the evaluation of the results and the conclusions out of the results are described in the above listed test reports.

Feuerungs- und Wärmetechnik
Notified Body 0036 according CPR

A handwritten signature in blue ink, appearing to read 'J. Steiglechner'.

Johannes Steiglechner
Leiter
Feuerungs- und Wärmetechnik

The expert

A handwritten signature in blue ink, appearing to read 'D. Weisgerber'.

Dirk Weisgerber



Stoves		Harvia M3 Harvia M3 SL Harvia M2	Harvia Legend 150 Harvia Legend 150 SL Harvia Legend 240 Harvia Legend 240 SL	Harvia 20 Pro Harvia 20 SL Harvia ES PRO Harvia ES PRO S Harvia 20 BOILER Harvia 20 SL BOILER Harvia Classic 220 Harvia Linear 22 Harvia 22 Harvia 22 Steel Harvia 22 Pro
space heat output	kW	13,2	13,2	14,3
efficiency	%	74,3	76,0	74,3
average flue draught	Pa	10	10	10
average flue gas temperature in the measuring section	°C	273	282	280
average flue gas temperature behind the spigot	°C	489	539	475
average CO-content	ppm	1021	1523	851
average CO-content (13 % O ₂)	Vol.%	0,112	0,142	0,092
average CO-content (13 % O ₂)	mg/m ³	1405	1767	1144
average NOx-content	ppm	29	57	39
average NOx-content (13 % O ₂)	mg/m ³	62	112	86
average CxHy -content	ppm	34	6	37
average CxHy-content (13 % O ₂)	mg/m ³	80	14	86
average OGC-content (13 % O ₂)	mg/m ³	66	11	70
average Dust-content	mg/m ³	31	66	27
average Dust-content (13 % O ₂)	mg/m ³	30	40	16