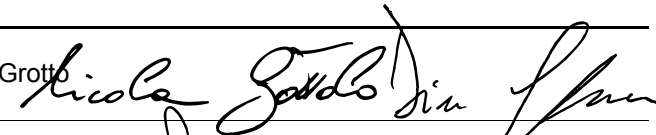



Pratica N° **CS-08-159**  
File No.

## RAPPORTO DI PROVA TESTING REPORT

**CPD-09-021**

<b>Secondo la norma</b> <i>In conformity with standard</i>	EN 13229:2001 + EN 13229:2001/A1:2003 + EN 13229:A2:2004 + EN 13229:2001/AC:2006 + EN 13229:2001/A2:2004/AC:2006
<b>Tipo di apparecchio</b> <i>Type of appliance</i>	Inset appliance including open fires fired by solid fuel
<b>Prova</b> <i>Testing</i>	ITT (Initial Type Testing)
<b>Fabbricante</b> <i>Manufacturer</i>	M.C.Z. S.p.A. Via G.Oberdan, n°86 33070 <u>VIGONOVO DI FONTANAFREDDA (PN)</u> - ITALY
<b>Marchio</b> <i>Trade mark</i>	M.C.Z.
<b>Modello</b> <i>Model</i>	HYDROTHERM 80 - HYDROTHERM 80E
<b>Materiale pervenuto il</b> <i>Goods arrival</i>	2008/11/25
<b>Bolla n°</b> <i>Document n°</i>	16097
<b>Esso si costituisce di</b> <i>It consists of</i>	25 pages and 1 enclosure
<b>Laboratorio</b> <i>Laboratory</i>	IMQ PRIMACONTROL S.r.l. - I - 31020 Zoppè S.Vendemiano (TV) Via dell'Industria, 55 - Tel. 0438 778358 - 470255 - Fax 0438 778360
<b>Limitazioni</b> <i>Disclosure</i>	La riproduzione di questo rapporto di prova non è autorizzata che sottoforma di fotocopia integrale fac-simile salvo approvazione scritta del laboratorio. Il presente rapporto di prova riguarda solo l'apparecchio provato nelle condizioni descritte.  <i>The only reproduction allowed is an integral fac-simile copy, Unless written approval of the laboratory.</i> <i>The test report concerns only the appliance tested under the conditions described.</i>
<b>Data inizio test</b> <i>Date test's beginning</i>	2008/12/22
<b>Data fine test</b> <i>Date test's ending</i>	2008/12/30
<b>Data di emissione</b> <i>Issue date</i>	2009/05/18
<b>Il tecnico delle prove</b> <i>Technical responsible of test</i>	Nicola Bottolo Dino Grotto 
<b>Il responsabile del Laboratorio</b> <i>Head Approval Department</i>	Sergio Zanette 

Manufacturer **M.C.Z. S.p.A.**  
 Model **HYDROTHERM 80**  
 Test report N° **CPD-09-021**

Date 2009/05/18  
 Technician Nicola Bottolo Dino Grotto

## Summary data

Model		HYDROTHERM 80	----	----
Test type		Laboratory	----	----
Solid fuel test chimney $\Phi$		mm 200	----	----
Options		----	----	----
Fuel type		Wood logs	----	----
Nominal heat output	Mass of fuel hourly	kg/h	7,1	----
	Medium outlet pression	Pa	12	----
	Mean flue gas temperature	°C	333	----
	Flue gas mass flow	g/s	17,7	----
	Mean content of CO to 13% O <sub>2</sub>	%	0,61	----
	Heat input	kW	34,0	----
	Heat output (declared)	kW	26,2 ( 26,2 )	----
	Water heat output (declared)	kW	15,2 ( 15,2 )	----
	Space heat output (declared)	kW	11 ( 11 )	----
	Efficiency (declared)	%	77,1 ( 77 )	----
Refuelling interval (declared)	min	55 ( 55 )	----	----
Reduced heat output	Mass of test fuel hourly	kg/h	----	----
	Medium outlet pression	Pa	----	----
	Mean flue gas temperature	°C	----	----
	Flue gas mass flow	g/s	----	----
	Mean content of CO to 13% O <sub>2</sub>	%	----	----
	Heat input	kW	----	----
	Heat output (declared)	kW	----	----
	Water heat output (declared)	kW	----	----
	Space heat output (declared)	kW	----	----
	Efficiency (declared)	%	----	----
Refuelling interval (declared)	%	----	----	----
Appliance provided with a protection tool		Yes	----	----
The appliance is capable of		Intermittent combustion	----	----
The appliance can be connected to a shared chimney		No	----	----
Electrical power supply (declared)		W	----	----
Maximum operating pressure		bar	1,5	----
Recovery test period		min	----	----
Distance to adjacent combustible materials	- side	mm	See page 24	----
	- back	mm	See page 24	----
	- floor under	mm	See page 24	----
Discharge control operating temperature (declared)		°C	----	----

**Note:** under attestation of conformity system3, the manufacturer, not the laboratory, is responsible for sampling.