

DECLARATION OF PERFORMANCE (DoP)

According to Regulation (EU) No. 305/2011

n° 0170-00

1 - Unique identifier code for product-type	River Idrotech 18 T1
2 - Model and/or batch no. and/or series no.(Article 11-4)	River Idrotech 18 T1 - Tesis Idrotech 18 T1 - Mira Idrotech 18 T1
3 - Intended uses of the product in accordance with the applicable harmonised technical specification	Residential space heating appliance fired by wood pellets with hot water supply
4 - Name or trademark of the manufacturer (Article 11-5)	CADEL CADEL srl - via Foresto Sud, 7 31025 S. Lucia di Piave (TV) - Italy
5 - Name and address of the agent (Article 12-2)	N.A.
6 - Assessment and verification system for constancy of performance (Annex 5)	System 3
7 - Laboratory notified Test report number (based on System 3)	IMQ Spa (N.B.0051) CS22-0078712-01
8 - Services declare	

HARMONISED TECHNICAL SPECIFICATIONS	EN 14785:2006	
ESSENTIAL CHARACTERISTICS	SERVICES	SERVICES
Reaction to fire	Pass	
Reaction to fire	A1	
Distance to combustible material	Minimum distance, in mm: back=200 side=200 bottom=0 ceiling=/ front=1000	
Risk of burning fuel falling out	Pass	
Emission of combustion products		
<i>Nominal heat output</i>	CO (0,009%)	
<i>Reduced heat output</i>	CO (0,017%)	
Surface temperature	Pass	
Electrical safety	Pass	
Cleanability	Pass	
Discharge of dangerous substances	NPD	
Maximum water operating pressure	2 bar	
Mechanical resistance (to carry a chimney/flue)	NPD	
Thermal output		
<i>Nominal heat output</i>	17,7 kW	
<i>Room heating output</i>	5,0 kW	
<i>Water heating output</i>	12,7 kW	
Energy efficiency		
<i>Nominal heat output</i>	η [94,8%]	
<i>Reduced heat output</i>	η [95,9%]	
Fume gas temperature		
<i>Nominal heat output</i>	T [107 °C]	
Durability	Pass	

9 - The performance of the product referred to in points 1 and 2 is consistent with the declared performance in point 8.

This declaration of performance is issued under the manufacturer's sole responsibility referred to in point 4.

Signed in the name and on behalf of the manufacturer by:
Santa Lucia di Piave, 22.09.2022

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(Roberto Dassie - R&D Manager)