

Declaration of Performance

NR: NIREAS / NRS / 20160810

1	Product Type	Water heating fireplace
2	Type	NIREAS
	Serial No.	See EN label
3	Intended use of product	Indoor heating
	Fuel	Solid fuel
4	Manufacturer	ARTE - ASSOS KARNOUTSOS G. & CO O.E.
	Address of manufacturer	Proektasi Stratigou Makrigiani, Evosmos Thessaloniki, Greece, P.C: 56410
5	Authorized representative	No relevance
	Address of authorized representative	
6	AVCP <i>System(s) of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V</i>	System 4
7	Harmonized technical specification	EN 13 229: 2001/A2: 2004/AC: 2007

8	Declared performance	
	Essential characteristics	Performance
	Reaction to fire	-
	Min distance to combustible materials	
	<i>Rear:</i>	10 cm
	<i>Sides:</i>	10 cm
	<i>Front:</i>	80 cm
	<i>Floor:</i>	See installation manual
	Risk of burning fuel falling out	PASS
	Emission of combustion products	
	<i>CO:</i>	0.100 %
	<i>Dust:</i>	-
	<i>OGC:</i>	-
	<i>NOx:</i>	-
	<i>Exhaust gas mass flow:</i>	21.92 g/s
	<i>Exhausts temperature:</i>	231° C
	Surface temperature	PASS
	Electrical safety	PASS
	Cleanability	PASS
	Max water operating pressure	2.5 bar
Mechanical resistance (carry a chimney/flue)	PASS	
Thermal output		
<i>Normal heat output:</i>	24.29 kW	
<i>Room heat output:</i>	5.99 kW	
<i>Water heat output:</i>	18.3 kW	
Energy efficiency	78.58 %	

Declaration:

The performance of the product identified in points 1 & 2 in conformity with the declared performance in point 8.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Thessaloniki, 10/08/2016

Georgios Karnoutsos, CEO



(Signature)