Certificato

kiwa
Partner for progress

Number	KIP-15475/E	Replaces	---
Issued	25-01-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	2002011	Page	1 of 3
PIN	0476CS2011		

EC TYPE EXAMINATION CERTIFICATE

Kiwa Cermet Italia, notified body for council Directive 92/42/EEC, hereby declares that according to article 4 of commission regulation (EU) No. 813/2013 the products

Low temperature heating boilers with atomizing oil burner

Trade mark: **THERMITAL**

Models: ACQUAHOME 25 R BLU, ACQUAHOME 32 R BLU, ACQUAHOME 25 I BLU, ACQUAHOME 25 B BLU, ACQUAHOME 32 I BLU, ACQUAHOME 32 B BLU

Manufactured for **RIELLO S.p.A.**
Via Ing. Pilade Riello, 7
37045 Legnago (VR) - Italy

Have achieved the following (see Annex 1) full and part load efficiencies.

The assessment test have been performed using the following standards as guidelines:

EN 303-1:1999
EN 303-1/A1:2003
EN303-2:1998
EN303-2/A1:2003
EN304:1992
EN304/A1:1998
EN304/A2:2003
EN15035:2006

The validity of this certificate can be verified on request at the following e-mail address: info@kiwa.it
This certificate will expire if there have been any changes to the product that may have an impact on compliance with the requirements of the Directive, as well as on updates and / or changes to the Technical Standards applicable unless specifically approved by Kiwa Cermet Italia

Chief Operating Officer
Giampiero Belcredi

kiwa Approved
EC Directive
EC TYPE EXAMINATION
92/42/EEC
GASTEC

CE
Organismo Notificato n. 0476

IAF

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
SGQ N° 007A SSI N° 006G
SGA N° 010D FSM N° 004I
PRD N° 069B

Kiwa Cermet Italia S.p.A.
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ANNEX 1

Models:

	ACQUAHOME 25 R BLU	ACQUAHOME 25 I BLU ACQUAHOME 25 B BLU
η_{100}	95,4 %	95,4 %
η_{30}	96,6 %	96,6 %
η_4	90,0 %	90,0 %
η_1	91,1 %	91,1 %
P_4	25,3 kW	25,3 kW
P_1	7,7 kW	7,7 kW
C.Heater?	No	Yes
B_1 Boiler?	No	No
Type of boiler:	"Low Temperature"	"Low Temperature"

Note:
η_{100} = At rated heat output and high-temperature regime - NCV (*)
η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**)
η_4 = At rated heat output and high-temperature regime - GCV (*)
η_1 = At 30 % of rated heat output and low-temperature regime - GCV (**)
P_4 = At rated heat output and high-temperature regime (*)
P_1 = At 30 % of rated heat output and low-temperature regime (**)
C.Heater = Combination heater (Yes = with domestic hot water production / No = Heating system only)
B_1 Boiler = B_1 according CEN/TR 1749:2014
Type of boiler = "Condensig Boiler" or "Low Temperature Boiler" or Other Boiler"

Efficiency's values have been measured with OIL.

(n.t.= not tested)

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.
(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

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	ACQUAHOME 32 I BLU	ACQUAHOME 32 B BLU	ACQUAHOME 32 R BLU
η_{100}	95,7 %	95,7 %	95,7 %
η_{30}	97,3 %	97,3 %	97,3 %
η_4	90,2 %	90,2 %	90,2 %
η_1	91,8 %	91,8 %	91,8 %
P_4	32,5 kW	32,5 kW	32,5 kW
P_1	9,9 kW	9,9 kW	9,9 kW
C.Heater?	Yes	Yes	No
B_1 Boiler?	No	No	No
Type of boiler:	"Low Temperature"	"Low Temperature"	"Low Temperature"

Note:
η100 = At rated heat output and high-temperature regime - NCV (*)
η30 = At 30 % of rated heat output and low-temperature regime - NCV (**)
η4 = At rated heat output and high-temperature regime - GCV (*)
η1 = At 30 % of rated heat output and low-temperature regime - GCV (**)
P4 = At rated heat output and high-temperature regime (*)
P1 = At 30 % of rated heat output and low-temperature regime (**)
C.Heater = Combination heater (Yes = with domestic hot water production / No = Heating system only)
B1 Boiler = B1 according CEN/TR 1749:2014
Type of boiler = "Condensig Boiler" or "Low Temperature Boiler" or Other Boiler"

Efficiency's values have been measured with OIL.

(n.t.= not tested)

(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.
(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

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