Declaration

kiwa
Partner for progress

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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

Trade mark: **THERMITAL**

Logo 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

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 present declaration doesn't substitute the EC certificate nr. KIP-15475/E
This declaration is valid until withdrawal or replacement of the above mentioned EC certificate

Industry Division Manager
Maurizio Lorenzon

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GASTEC

Rev.1

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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.
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