



Number	KIP-15280/E	Replaces	---
Issued	15-03-2017	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
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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

Central heating condensing boilers

Trade mark: **Hermann Saunier Duval**
 Models: Themis Condens 24 (H-IT)
 Themis Condens 27 (H-IT)

Manufactured for **Vaillant Group Italy**
 Milano, 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:

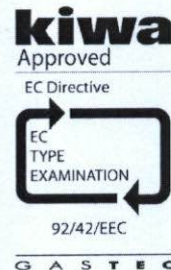
EN 15502-1:2012 + A1:2015
 EN 15502-2-1 :2012

*The validity of this certificate can be verified by means of a register available on the website www.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*

Certificate

Kiwa Cermet Italia S.p.A.
 Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl
 Via Cadriano, 23
 40057 Granarolo dell'Emilia (BO)
Unità locale
 Via Treviso 32/34
 31020 San Vendemiano (TV)
 Tel +39. 0438 411755
 Fax +39.0438 22428
 E-mail: info@kiwacermet.it
www.kiwa.it
www.kiwacermet.it

Chief Operating Officer
 Giampiero Belcredi

Organismo Notificato n. 0476



SGQ N° 007A SSI N° 006G
 SGA N° 010D FSM N° 004I
 PRD N° 069B



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ANNEX 1

Models:

	Themis Condens 24 (H-IT)	Themis Condens 27 (H-IT)
η_{100}	96,3 %	96,1 %
η_{30}	99,7 %	99,7 %
η_4	86,7 %	86,5 %
η_1	89,8 %	89,8 %
P_4	24,1 kW	26,9 kW
P_1	7,5 kW	8,4 kW
C.Heater?	yes	yes
B ₁ Boiler?	no	no
Type of boiler:	"Condensing"	"Condensing"

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)

B₁ Boiler = B₁ according CEN/TR 1749:2014

Type of boiler = "Condensing Boiler" or "Low Temperature Boiler" or Other Boiler"

Efficiency's values have been measured with gas G20
(n.t.= not tested)

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www.kiwa.it

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GASTEC

(*) 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).