

PERFORMANCES ENERGETIQUES ENERGY PERFORMANCE

Certificat numéro : 1312DM6563

CERTIGAZ, Organisme Notifié 92/42/CEE déclare par la présente que, conformément à l'article 4 du Règlement (UE) N° 813/2013 de la Commission du 2 Août 2013 portant application de la Directive 2009/125/CE :
CERTIGAZ, Notified Body for council Directive 92/42/EEC, hereby declares that, according to article 4 of commission regulation (EU) N°813/2013 of 2 August 2013 implementing Directive 2009/125/EC:

- Fabricant :
Manufacturer: **GUILLOT Industrie**
Route de Fleurville
B.P. 55
F-01190 PONT-DE-VAUX

- Genre de chaudière :
Kind of boiler: **CHAUDIERE A CONDENSATION**
CONDENSING BOILER

- Type :
Type: **ARUNA 320**

Marque commerciale Trade mark ACV Modèle(s) Model(s)	Symbole * / Symbol * unité / Unit										
	η_4 (%)		η_1 (%)		P 4 (kW)	P 1 (kW)	elmax (kW)	elmin (kW)	P SB (kW)	P stby (kW)	P ign (kW)
	PCS	PCI	PCS	PCI							
Aruna 115*	87.5	97.2	97.8	108.7	111.8	37.5	0.23	0.047	0.005	0.258	NA
Aruna 120	87.5	97.2	97.8	108.7	116.6	39.1	0.249	0.047	0.005	0.258	NA
Aruna 140	87.5	97.2	97.8	108.7	136.1	45.7	0.338	0.037	0.005	0.258	NA
Aruna 180	87.7	97.4	98.1	109	175.3	58.9	0.227	0.072	0.004	0.310	NA
Aruna 225	87.7	97.4	98.1	109	219.2	73.6	0.338	0.056	0.004	0.310	NA
Aruna 275	87.9	97.7	97.9	108.8	268.7	89.8	0.371	0.106	0.005	0.364	NA
Aruna 320	87.9	97.4	97.9	108.8	311.7	104.4	0.475	0.128	0.005	0.364	NA

* commercialisé uniquement pour IT

	Modèle Model (1)	Modèle Model(2)	Modèle Model (3)
Emission de Nox (mg/kwh) Nox measured Emission (PCS)	31	31	40
(PCI) (mg/kwh)	35	35	45

Ont été évalués selon les Règles citées ci-avant et le(s) rapport(s) d'essais n° L1919001-L1920001-L1921001/-02/-03/-04
Have been tested according above mentioned Rules and test(s) report(s) n° L1919001-L1920001-L1921001/-02/-03/-04

Toute reproduction de ce certificat doit l'être dans son intégralité. Reproduction of this certificate must be in full. 1/1

*legend:

useful efficiencies : η_4 : At rated heat output and high-temperature regime; η_1 : At 30 % of rated heat output and low-temperature regime.

Useful heat output : P 4 : At rated heat output and high-temperature regime; P 1 : At 30 % of rated heat output and low-temperature regime.

Auxiliary electricity consumption : elmax : At full load; elmin : At part load; P SB : In standby mode.

Other items : P stby : Standby heat loss; P ign : Ignition burner power consumption

η_s : seasonal space heating energy efficiency (calculated value, for boilers below 70kW heat output)

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

Low temperature means for condensing boilers

calculated values are based on gross calorific value (reference conditions 15°C, 15°C, 1013,25mbar)