

## PERFORMANCES ENERGETIQUES ENERGY PERFORMANCES

### Certificat / Certificate n° : 1312DL6429 (rév. 4)

Révise le certificat / Revises the certificate n° 1312DL6429 du {05/03/2020}

**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, les appareils :**

*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, the appliances:*

- **Fabricant** : **BSG CALDAIE a GAS s.p.a**  
*Manufacturer* Via PRAVOLTON 1/b- I-33170 PORDENONE  
ITALIA
- **Genre de l'appareil** : **CHAUDIERE A CONDENSATION**  
*Kind of the appliance* **CONDENSING BOILER**  
Types: B23, C13, C33, C43, C53, C63, C83, C13X

Marque commerciale <i>Trade mark</i>	Valeur <i>Value</i>	Valeur <i>Value</i>	P1 <i>kW</i>	P4 <i>kW</i>
SAVIO	$\eta 4$	$\eta 1$		
Modèle(s) / Model(s)				
M154HE.35/...	87,5	97,3	11,3	34
M154HE.45/...	87,5	97,3	14,6	44
M155HE.70/...	87,4	97,6	22,7	68
M156HE.95/...	87,8	97,9	31	93
M157HE.110/...	87,5	97,6	37,4	112
M158HE.115/...	87,6	97,4	37,3	112
M158HE.150/...	87,7	97,5	48,7	146

**Ont été évalués avec du gaz G20 selon les Règles citées ci-avant et le(s) rapports(s) d'essais N°**  
*Have been tested with G20 gas according above mentioned Rules and test(s) report(s) N°*

**06-19-OM/1 ; 04-19-OM/1 ; 03-19-OM/1 ; 02-19-OM/1 ; 01-19-OM/1 ; 07-19-OM/1 ; 05-19-OM/1**

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

\* Legend:

Useful efficiencies:  $\eta 4$ : At rated heat output and high-temperature regime;  $\eta 1$ : At 30 % of rated heat output and low-temperature regime.

Useful heat output: P4: 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

$\eta s$ : 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, 1013,25mbar).