

Performance			Tx 230	Tx 99
Nominal heat input (Q)	G20 / G20Y20 ⁽²⁾	kW	37–230	18,3–99
Nominal heat input (Q)	G25	kW	37–230	19–99
Nominal heat input (Q)	G31	kW	54,4–230	24–99
Nominal heat input (Q)	G30	kW	54,4–230	–
Nominal useful output (P)	G20 / G20Y20 ⁽²⁾	kW	246,8	105,1
Nominal useful output (P)	G25	kW	249,3	107,4
Nominal useful output (P)	G31	kW	239,5	105,2
Efficiency for continuous draw-off at constant dT (η_u)	G20	%	107,3	106,2
Efficiency for continuous draw-off at constant dT (η_u)	G25	%	108,4	108,5
Efficiency for continuous draw-off at constant dT (η_u)	G31	%	104,2	106,3

Domestic Hot Water Performance ⁽¹⁾

Load profile	–	4XL	3XL
mixed water at 40 °C (V40)	l	∞	∞
Peak flow at 40 °C first 10 minutes ⁽¹⁾	l/10'	1556	1249
Peak flow at 40 °C first hour ⁽¹⁾	l/60'	6982	3649
Continuous flow rate at 40 °C	l/h	6287	2758
Continuous flow rate at 60 °C	l/h	3772	1655
Recovery time (10 °C – 55 °C)	min	6	16

(1) Operating conditions: Cold water inlet T = 10 °C, Storage temperature T = 80 °C.

(2) Up to 20 vol.% hydrogen.

(3) 15 °C, 1.013,25 mbar, dry gas.

General

Burner electrical power		W	169	290
Supply voltage/Frequency/Current		V/Hz/A	230/50/6	230/50/6
Protection class		IP	X4D	X4D
Water content		l	500	500
Min water operating pressure		bar	0,8	0,8
Max water operating pressure		bar	10,0	10,0
Max DHW operating temperature		°C	80	80
Gas type	G20, G25, G25.1, G25.3, G30, G31, G20Y20			
Gas category	I2E(S), I2E, I2H, I2E(R), I2ELL, I2HS, I2N, I2EK, I3P, II2E3P, II2E(S)3P, II2EK3P, II2H3P, II2L3P, II2E+3P, II2E(R)3P, II2Esi3P, II2Er3P			
Chimney type(s)	B23 - B23P - C43 - C53 - C63 - C83			
CO emission	G20	mg/kWh	9,67	4,30
CO emission	G25	mg/kWh	10,74	6,44
CO emission	G31	mg/kWh	20,41	10,74
Gas flow rate	G20 ⁽³⁾	m ³ /h	3,9–22,8	2–10
Gas flow rate	G25 ⁽³⁾	m ³ /h	4,4–26,4	2,4–11,8
Gas flow rate	G20Y20 ⁽²⁾⁽³⁾	m ³ /h	4,5–27	2,2–12,1
Gas flow rate	G30 ⁽³⁾	m ³ /h	1,8–7	–
Gas flow rate	G31 ⁽³⁾	m ³ /h	2,2–8,9	0,9–3,9
NOx class			6,00	6,00
NOx level		mg/kWh	37,5	37,6
Mass flow rate of flue gases (max)		g/s	96,6	8
Max flue gas temperature		°C	71	60

(1) Operating conditions: Cold water inlet T = 10 °C, Storage temperature T = 80 °C.

(2) Up to 20 vol.% hydrogen.

(3) 15 °C, 1.013,25 mbar, dry gas.

Dimensions		Tx 230	Tx 99
Width (A)	mm	880	880
Height (B)	mm	2171	2171
Depth (C)	mm	1050	1050
Empty weight	kg	432,5	402,5
Full of water	kg	932,5	902,5

Connections

Cold water inlet (D)	inch	G 2	G 2
DHW outlet (E)	inch	G 2	G 2
Recirculation (F)	inch	G 1	G 1
Drain connection (G)	inch	G 1	G 1
Gas connection (H)	inch	G 1 1/4	G 3/4
Condensate drain (I)	mm	26,7	26,7
Flue gas connection (J)	mm	150	150
Air inlet connection (K)	mm	100	100

