

Performance			N 120	N 160	N 200	N 250
Heat input (net)	G20 / G25	kW	11,2–115,5	19–150	25–190	25,5–232
Heat input (net)	G31	kW	28,9–115,5	37,9–150	47,5–190	58–232
Heat output at 80/60 °C	G20 / G25	kW	10,8–112,8	18,3–146,6	24,2–185,6	24,6–226,7
Heat output at 80/60 °C	G31	kW	27,9–112,8	36,6–146,5	46–185,6	56,2–226,7
Heat output at 50/30 °C	G20 / G25	kW	12–124	20,4–161,2	26,8–204,2	27,4–249,7
Heat output at 50/30 °C	G31	kW	30,5–122	40–158,4	50–200,5	61,4–244,5

Efficiency

Heating efficiency 80/60 °C	G20	%	96,5–97,8	96,5–97,8	96,8–97,7	96,5–97,7
Heating efficiency 50/30 °C	G20	%	107,4–107,5	107,4–107,5	107,2–107,5	107,6–107,7
Useful efficiency at 30% (return 30 °C)		%	108,7	108,3	108	108
Seasonal efficiency		%	93	93	93	93

General

Energy consumption		W	178	197	208	275
Supply voltage / Frequency / Current		V/Hz/A	230/50/3	230/50/3	230/50/3	230/50/3
Protection class		IP	X4D	X4D	X4D	X4D
Water content		l	51	47	66	62
Gas category			I2H, I2E, I2ELL, I2HS, I2EK, I3P, I2E(R), II2E3P, II2EK3P, II2H3P, II2L3P, II2E+3P, II2E(R)3P, II2Esi3P, II2Er3P			
Gas type			G20–G25–G25,1–G25,3–G31			
Chimney type(s)			B23–B23P–C43–C53–C63–C83			
CO emission		mg/kWh	64,5	64,5	64,5	64,5
Gas flow rate	G20 ⁽²⁾	m ³ /h	1,1–10,7	1,6–14,3	2–18,2	1,7–21,9
Gas flow rate	G25 ⁽²⁾	m ³ /h	1,3–12,4	1,9–16,6	2,3–21,2	2,0–25,5
Gas flow rate	G31 ⁽²⁾	m ³ /h	1,2–4,5	1,5–6	1,9–7,6	2,3–9,2
NOx class			6	6	6	6
NOx level		mg/kWh	36,6	39,4	38,7	36,0

(1) Up to 20 vol.% hydrogen.

(2) 15 °C, 1.013,25 mbar, dry gas.

Performance

N 300

Heat input (net)	G20 / G25 / G20Y20 ⁽¹⁾	kW	31,0–280,0
Heat input (net)	G31	kW	55,0–280,0
Heat output at 80/60 °C	G20 / G25 / G20Y20 ⁽¹⁾	kW	30,0–272,0
Heat output at 80/60 °C	G31	kW	53,3–273,8
Heat output at 50/30 °C	G20 / G25 / G20Y20 ⁽¹⁾	kW	33,2–300,0
Heat output at 50/30 °C	G31	kW	57,9 –295,1

Efficiency

Heating efficiency 80/60 °C	G20	%	96,8–97,3
Heating efficiency 50/30 °C	G20	%	107,2–107,1
Useful efficiency at 30% (return 30 °C)		%	108,1
Seasonal efficiency		%	93

General

Energy consumption		W	410
Supply voltage / Frequency / Current		V/Hz/A	230/50
Protection class		IP	X4D
Water content		l	75
Gas category	I2E(S), I2H, I2E, I2ELL, I2HS, I2N, I2EK, I3P, I2E(R), II2E3P, II2E(S)3P, II2EK3P, II2H3P, II2L3P, II2E+3P, II2E(R)3P, II2Esi3P, II2Er3P, II2ELL3P		
Gas type	G20-G25-G25.1-G25.3-G31- G20Y20 (80 Vol.-% CH ₄ , 20 Vol.-% H ₂)		
Chimney type(s)	B23, B23p, C43, C53, C63, C83		
CO emission		mg/kWh	66,6
Gas flow rate	G20 ⁽²⁾	m ³ /h	3,29–29,02
	G25 ⁽²⁾	m ³ /h	3,75–33,08
Gas flow rate	G20Y20 ⁽¹⁾⁽²⁾	m ³ /h	3,82–33,95
Gas flow rate	G31 ⁽²⁾	m ³ /h	2,25–11,51
NOx class			6
NOx level		mg/kWh	24

(1) Up to 20 vol.% hydrogen.

(2) 15 °C, 1.013,25 mbar, dry gas.

Dimensions		N 120	N 160	N 200	N 250	N 300
Width (A)	mm	731	731	753	753	648
Height (B)	mm	1524	1524	1524	1524	1524
Depth (C)	mm	528	528	534	534	890
Empty weight	kg	185	199	224	236	283

Connections

Air inlet connection (D)	mm	125	125	125	125	125
Gas connection (E)	in.	G 3/4	G 3/4	G 1	G 1	BSPP 1 1/2
Water supply (F)	in.	G 2	G 2	G 2 1/2	G 2 1/2	BSPP 2 1/2
Water return (G)	in.	G 2	G 2	G 2 1/2	G 2 1/2	BSPP 2 1/2
Chimney connection (H)	mm	130	130	180	180	180
Condensate drain (I)	mm	25	25	25	25	25

