



Performance			NC 24 WH	NC 32 WH	NC 38 WH	NC 45 WH	NC 49 WH
Heat input (net)	G20 / G25	kW	3,2-24,0	3,2-32,0	4,5-38,0	4,5-45,0	4,5-47,3
	G31	kW	3,2-24,0	3,2-32,0	4,5-38,0	4,5-45,0	4,5-48,1
	G20Y20 ⁽¹⁾	kW	3,0-22,7	3,0-30,3	4,3-36,0	4,3-42,6	4,5-47,3
Heat output at 80/60 °C	G20 / G25	kW	3,1-23,3	3,1-31,1	4,4-37,0	4,4-43,8	4,4-46,1
	G31	kW	3,1-23,3	3,1-31,1	4,4-37,0	4,4-43,8	4,4-46,9
	G20Y20 ⁽¹⁾	kW	2,9-22,1	2,9-29,4	4,2-35,0	4,2-41,5	4,4-46,1
Heat output at 50/30 °C	G20 / G25	kW	3,4-25,4	3,4-33,8	4,8-40,2	4,8-47,5	4,8-49,9
	G31	kW	3,3-25,0	3,3-33,3	4,7-39,5	4,7-46,8	4,7-49,9
	G20Y20 ⁽¹⁾	kW	3,2-24,0	3,2-32,0	4,5-38,0	4,5-45,0	4,8-49,9
Efficiency			NC 24 WH	NC 32 WH	NC 38 WH	NC 45 WH	NC 49 WH
Heating efficiency 80/60 °C	G20	%	97	97	97,3	97,3	97,6
Heating efficiency 50/30 °C	G20	%	105,9	105,7	105,7	105,6	105,7
Useful efficiency at 30% (return 30 °C)	G20	%	108,4	108,4	107,7	107,7	108,1
Seasonal efficiency	G20	%	93	93	93	93	93

(1) Up to 20 vol. % hydrogen.
(2) 15 °C, 1.013,25 mbar, dry gas.

General		NC 24 WH	NC 32 WH	NC 38 WH	NC 45 WH	NC 49 WH
Energy consumption	W	67,5	67,5	90	90	90
Supply voltage / frequency	V/Hz	230/50	230/50	230/50	230/50	230/50
Protection class	IP	X4D	X4D	X4D	X4D	X4D
Capacity	l	8	8	11,4	11,4	11,6
Min operating pressure	bar	0,6	0,6	0,6	0,6	0,6
Max operating pressure	bar	6	6	6	6	6
Max boiler supply temperature	°C	85	85	85	85	85
Gas appliance category		I2E(S) ⁽³⁾ , I2E(R), I2H, I2E, I2ELL, I2EK, I3P, II2E3P, II2EK3P, II2L3P, II2H3P, II2Er3P				
Gas type		G20, G20Y20 ⁽¹⁾ , G25, G25.3, G31				
Chimney type(s)		B23, B23P, C13, C13(x), C33, C33(x), C43, C43(x), C53, C53(x), C63, C63(x), C83, C83(x), C93, C93(x)				
		B23, B23P, C13(x), C33(x), C43(x), C53(x), C63(x), C83(x), C93(x)				
CO emission (0% O ₂)	mg/kWh	25,0	31,0	43,0	57,0	62
Gas flow rate	G20 ⁽²⁾ / G20Y20 ^{(1),(2)}	m ³ /h	0,3-2,5	0,3-3,4	0,5-4,0	0,5-4,8
	G25 ⁽²⁾	m ³ /h	0,4-2,9	0,4-3,8	0,5-5,5	0,5-5,4
	G31 ⁽²⁾	m ³ /h	0,1-1,0	0,1-1,3	0,2-1,5	0,2-1,8
NOx class		6	6	6	6	6
NOx emission	mg/kWh	35,1	35,1	37,6	37,6	34
Energy class		A	A	A	A	A

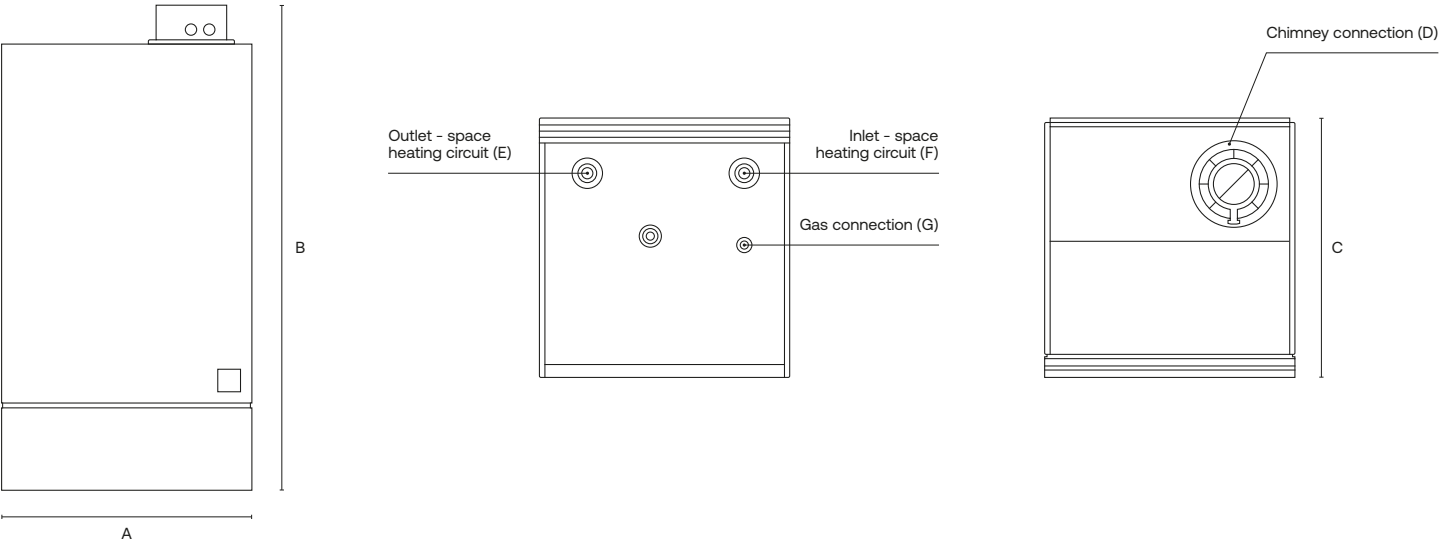
(1) Up to 20 vol. % hydrogen.

(2) 15 °C, 1.013,25 mbar, dry gas.

(3) Only for models NC24 WH to NC45 WH

Dimensions		NC 24 WH	NC 32 WH	NC 38 WH	NC 45 WH	NC 49 WH
Width (A)	mm	445	445	445	445	445
Height (B)	mm	1065	1065	1065	1065	1065
Depth (C)	mm	400	400	400	400	400
Max chimney length	m	15	15	15	15	15
Empty weight	kg	53	53	64	64	64

Connections		NC 24 WH	NC 32 WH	NC 38 WH	NC 45 WH	NC 49 WH
Chimney connection (concentric) (D)	mm	80/125	80/125	80/125	80/125	80/125
Outlet - space heating circuit (E)	inch	3/4	3/4	1	1	1
Inlet - space heating circuit (F)	inch	3/4	3/4	1	1	1
Gas connection (G)	inch	3/4	3/4	3/4	3/4	3/4



NESTA CHROME 60–150



Performance			NC 60 WH	NC 80 WH	NC 100 WH	NC 115 WH	NC 120 WH	NC 150 WH
Heat input (net)	G20 / G25 / G31	kW	8,2-57,5	8,2-80,0	12,0-99,0	12,0-115,0	12,0-120,0	15,0-145,0
	G20Y20 ⁽¹⁾	kW	7,8-54,4	7,8-75,7	11,4-93,7	11,4-108,9	11,4-113,6	14,2-137,3
Heat output at 80/60 °C	G20 / G25 / G31	kW	8,0-55,8	8,0-77,8	11,8-96,5	11,8-112,2	11,8-117,1	14,7-142,5
	G20Y20 ⁽¹⁾	kW	7,6-52,8	7,6-73,6	11,2-91,3	11,2-106,2	11,2-110,8	13,9-134,5
Heat output at 50/30 °C	G20 / G25	kW	8,8-60,7	8,8-84,4	12,9-105,2	12,9-122,1	12,9-127,4	16,2-154,0
	G31	kW	8,9-59,8	8,9-83,2	13,3-103,0	13,3-119,6	13,3-124,8	14,8-156,0
	G20Y20 ⁽¹⁾	kW	8,3-57,5	8,3-79,9	12,2-99,6	12,2-115,6	12,2-120,6	15,3-148,3

Efficiency			NC 60 WH	NC 80 WH	NC 100 WH	NC 115 WH	NC 120 WH	NC 150 WH
Heating efficiency 80/60 °C	G20	%	97,8-97,6	97,8-97,8	98,0-97,9	98,0-98,1	98,0-98,1	98,1-98,1
Heating efficiency 50/30 °C	G20	%	107,9-105,5	107,9-105,5	107,8-106,2	107,8-106,2	107,8-106,2	107,8-106,0
Useful efficiency at 30% (return 30 °C)	G20	%	108,4	108,3	108,3	108,2	108,2	108,2
Seasonal efficiency	G20	%	93	93	93	93	93	93

(1) Up to 20 vol. % hydrogen.
(2) 15 °C, 1.013,25 mbar, dry gas.

General		NC 60 WH	NC 80 WH	NC 100 WH	NC 115 WH	NC 120 WH	NC 150 WH	
Energy consumption	W	100	150	240	300	300	300	
Supply voltage / frequency	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50	
Protection class	IP	X4D	X4D	X4D	X4D	X4D	X4D	
Capacity	l	19,3	17,6	26,3	25,2	25,2	28,3	
Min operating pressure	bar	0,6	0,6	0,6	0,6	0,6	0,6	
Max operating pressure	bar	6	6	6	6	6	6	
Max boiler supply temperature	°C	85	85	85	85	85	85	
Gas appliance category			I2E(S,R), I2H, I2E, I2ELL, I2EK, I3P, II2E3P, II2EK3P, II2L3P, II2H3P, II2Er3P					
Gas type			G20, G20Y20 ⁽¹⁾ , G25, G25.3, G31					
Chimney type(s)			B23, B23P, C13(x), C33(x), C43(x), C53(x), C63(x), C83(x), C93(x)					
CO emission (0% O ₂)	mg/kWh	64,8	32,0	80,2	69,7	69,7	94,5	
Gas flow rate	G20 ⁽²⁾ / G20Y20 ^{(1),(2)}	m³/h	0,9-6,1	0,8-8,4	1,2-10,3	1,3-11,9	1,3-12,4	1,6-15,4
	G25 ⁽²⁾	m³/h	1,0-6,7	0,9-9,5	1,4-11,7	1,4-13,3	1,4-13,9	1,8-17,2
	G31 ⁽²⁾	m³/h	0,4-2,4	0,4-3,2	0,5-4,1	0,5-4,6	0,5-4,8	0,6-5,9
NOx class		6	6	6	6	6	6	
NOx emission	mg/kWh	32,6	32,1	39,8	37	37	37,5	
Energy class		A	na	na	na	na	na	

(1) Up to 20 vol. % hydrogen.
(2) 15 °C, 1.013,25 mbar, dry gas.

Dimensions		NC 60 WH	NC 80 WH	NC 100 WH	NC 115 WH	NC 120 WH	NC 150 WH
Width (A)	mm	550	550	550	550	550	550
Height (B)	mm	1065	1065	1065	1065	1065	1065
Depth (C)	mm	511	511	562	562	562	612
Max chimney length	m	25	25	25	25	25	16
Empty weight	kg	71	75	93	96	96	117

Connections		NC 60 WH	NC 80 WH	NC 100 WH	NC 115 WH	NC 120 WH	NC 150 WH
Chimney connection (concentric) (D)	mm	100/150	100/150	100/150	100/150	100/150	100/150
Outlet - space heating circuit (E)	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Inlet - space heating circuit (F)	inch	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Gas connection (G)	inch	3/4	3/4	3/4	3/4	3/4	3/4

