

VICTRIX PRO

MANUFACTURED BY:



- Stainless Steel heat exchanger
- High heating outputs
- High efficiency condensing technology
- 55 kW to 120 kW output
- Reduced energy consumption
- Very high modulation range up to 1:10
- Cascade installation of up to 5 boilers
- Internal and external installation



2 YEAR*
WARRANTY



MAIN OPTIONS

CRONO 7 - 3.021622

External Sensor - 3.014083

Anti-freeze protection (-15°C) - 3.017324.

MEASUREMENTS

Victrix Pro 55 - 946 x 450 x 457 (H x W x D) mm

Victrix Pro 80 - 1140 x 600 x 497 (H x W x D) mm

Victrix Pro 100/120 - 1140 x 600 x 627 (H x W x D) mm

FLUE KIT

Horizontal concentric kit 80/125 (required for external installation) - 3.025422

Horizontal concentric kit 80/125 - 3.015242

Vertical concentric kit 80/125 - 3.015243

CRONO 7



EXTERNAL SENSOR



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Technical data	Unit of measurement	VICTRIX PRO 55 1 A	VICTRIX PRO 80 1 A	VICTRIX PRO 100 1 A	VICTRIX PRO 120 1 A
Code	N.G.	3.024493	3.024494	3.024495	3.024496
CE certificate		0051CO4405	0051CO4405	0051CO4405	0051CO4405
Nominal gas consumption	MJ/h	204,9	300,7	368,9	455,9
Minimum gas consumption	MJ/h	21,9	30,3	39,0	45,6
Maximum nominal heat output (80/60 °C)	kW	49,9	73,0	90,0	111,0
Minimum nominal heat output (80/60 °C)	kW	5,0	7,2	9,4	11,0
Maximum nominal heat output (50/30 °C)	kW	54.8	80.3	98.8	121.7
Minimum nominal heat output (50/30 °C)	kW	5.5	8.1	10.5	12.2
Useful nominal efficiency (80/60 °C)	%	97.3	97.0	97.5	97.3
Useful partial efficiency (80/60 °C)	%	91.2	94.8	96.2	96.4
Useful nominal efficiency (50/30 °C)	%	106.8	106.6	107.0	106.7
Useful partial efficiency (50/30 °C)	%	99.7	106.9	107.4	107.2
Useful nominal efficiency (40/30 °C)	%	107.4	107.3	107.4	107.2
Useful partial efficiency (40/30 °C)	%	103.5	107.2	107.6	107.5
Stack losses with burner on 100% Pn (80/60 °C)	%	1,8	2,2	1,9	2,0
Stack losses with burner OFF	%	0,02	0,01	0,01	0,01
Casing losses with burner ON 100% Pn (80/60 °C)	%	0,8	0,7	0,6	0,7
Casing losses with burner OFF	%	0,27	0,3	0,37	0,25
NOx class		5	5	5	5
Weighted NOx	mg/kWh	39,0	25,0	20,0	33,0
Weighted CO	mg/kWh	15,0	16,0	12,0	18,0
Gas flow rate to burner at max. and min. heat output with methane (G20)	m³/h	4,89 - 0,52	7,18 - 0,72	8,80 - 0,93	10,88 - 1,09
Maximum fan available head (max/min)	Pa	110/1	230/6	208/4	145/5
Flue exhaust mass flow rate at nominal heat output (N)	Kg/h	73	103	131	160
CO ₂ at nominal/minimum heat output (N)		9,40 / 9,10	9,85 / 8,85	9,45 / 8,90	9,60 / 9,00
CO/CO ₂ at nominal heat output (N)		0,00134	0,00195	0,00153	0,00162
Maximum fume temperature	°C	52	62	54	56
Maximum operating temperature	°C	90	90	90	90
Heating system adjustable temperature	°C	20- 85	20 - 85	20 - 85	20 - 85
Maximum operating pressure of heating circuit	bar	4,4	4,4	4,4	4,4
Electric power	V/Hz	230 - 50	230 - 50	230 - 50	230 - 50
Max power supply	W	155	195	285	345
Electrical insulation rating	IP	X5D	X5D	X5D	X5D
Empty weight	kg	51,4	81,0	95,9	102,5
Boiler water capacity	litres	2,8	4,0	10,1	11,7

Horizontal concentric kit 80/125 - 3.025422 (required for external installation)

