

## 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



**GLow CITY**  
**352 Morphett Road**  
**Warradale SA 5046**  
**8397 6100**

**GLow SOUTH COAST**  
**16 Wright Road**  
**Goolwa SA 5214**  
**8554 2860**

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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
<b>Code</b>	<b>N.G.</b>	<b>3.024493</b>	<b>3.024494</b>	<b>3.024495</b>	<b>3.024496</b>
CE certificate		0051C04405	0051C04405	0051C04405	0051C04405
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 <sub>2</sub> at nominal/minimum heat output (N)		9,40 / 9,10	9,85 / 8,85	9,45 / 8,90	9,60 / 9,00
CO/CO <sub>2</sub> 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)**
