



GS-Series

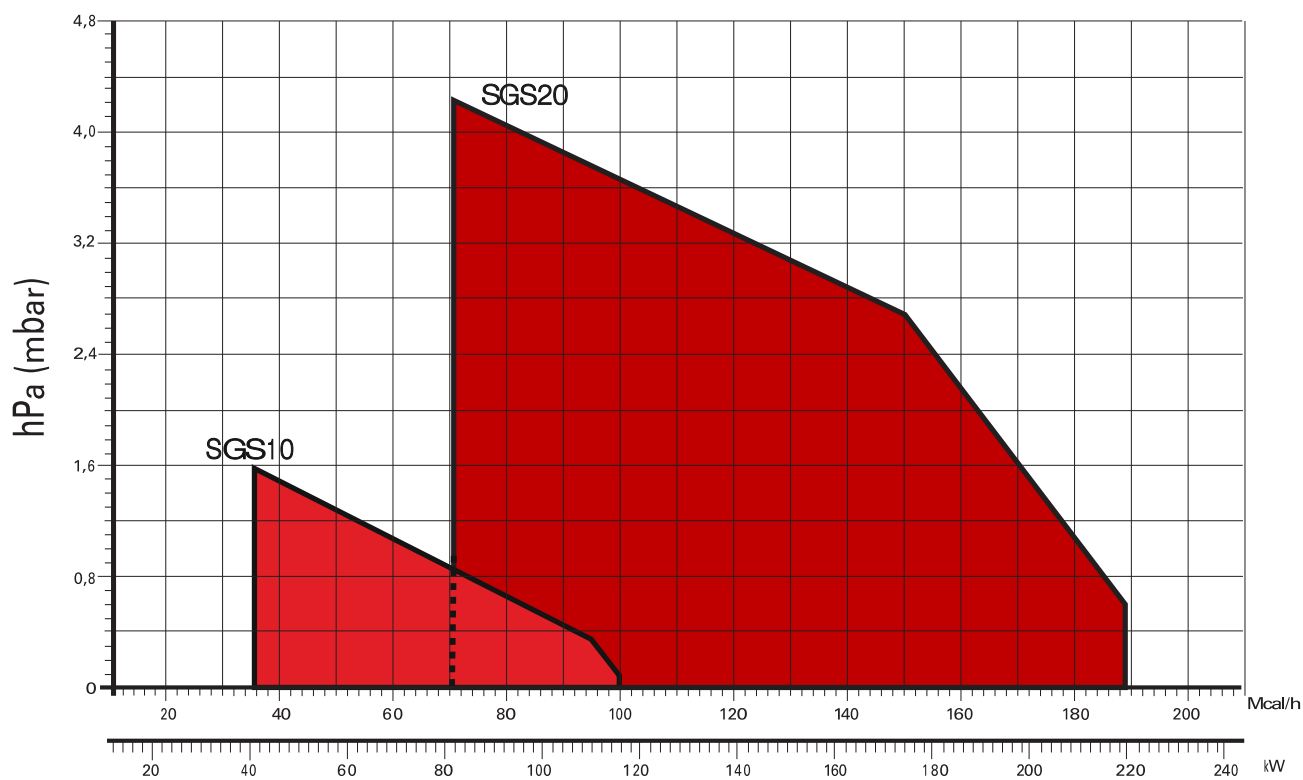
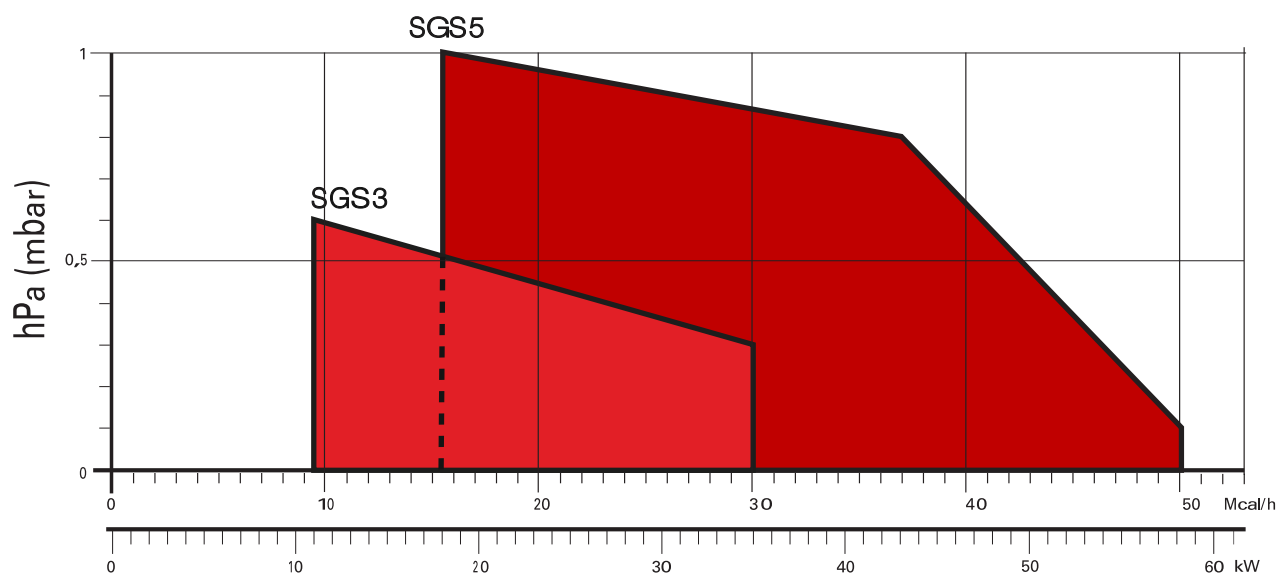
GAS BURNERS

Rated Output:
11 KW - 220 KW



 **Saint Roch**

Firing rates



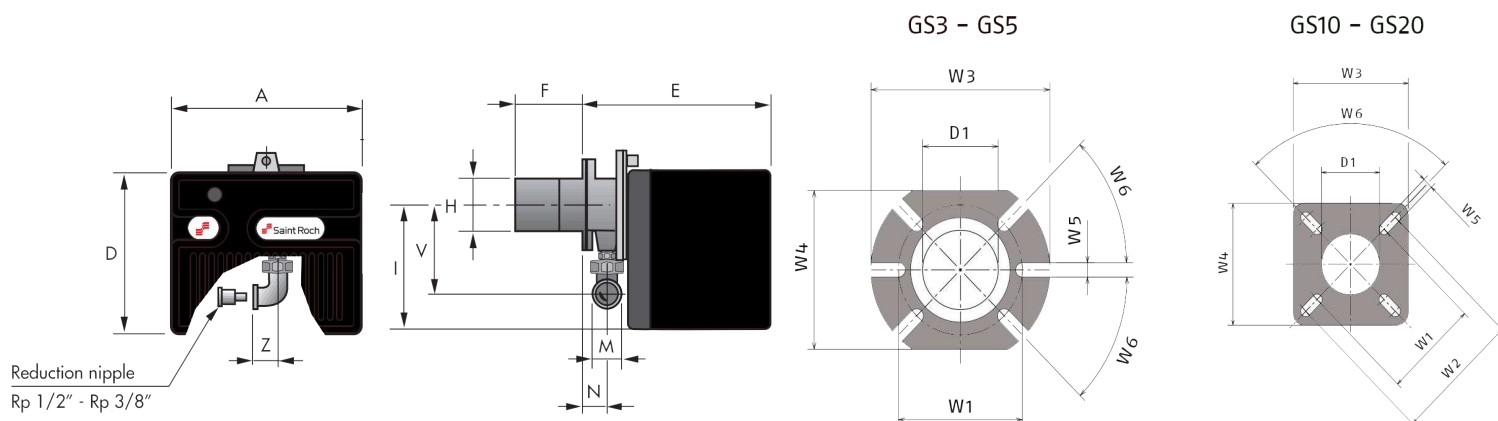
Technical Data

Model			GS3	GS5	GS10	GS20
Heat output (Hi) ⁽¹⁾	Min - Max	kW kcal/h	11 - 35 9500 - 30000	18 - 58 15500 - 50000	42 - 116 36000 - 100000	81 - 220 70000 - 189000
operation			Intermittent (at least one stop every 24h)			
Fuel	Gas		NCV 8 - 12 kWh/m ³ 7000 - 10340 kcal/m ³			
			Pressure : 10 - 200 mbar	Pressure : 16 - 200 mbar	Pressure : 19 - 360 mbar	Pressure : 26 - 360 mbar
Gas consumption ⁽²⁾	Nm ³ /h		1.1 - 3.5	1.8 - 5.8	4.2 - 11.6	8.1 - 22
Electrical supply			1 phase / 230V / 50Hz			
Electrical power	kW		0.15	0.13	0.13	0.25
Protection level			IP40			
Weight	kg		11	11	15	21
CO emissions	mg/kWh		26	26	26	26
NO ₂ emissions	mg/kWh		92	97	97	107
Noise levels ⁽³⁾	dB(A)		53.8	59.4	63.1	66.8
Sound pressure						
Sound power						

(1) Reference conditions: Room temperature 20°C - Fuel temperature 15°C - Barometric pressure 1013 mbar - Altitude 0 m above sea level.

(2) Net calorific value G20: 10 kWh/Nm³ - Density: 0,71 kg/Nm³

(3) Sound pressure measured in manufacturer's combustion laboratory, with burner operating on test boiler and at maximum rated output. The sound power is measured with the "Free Field" method, as per EN 15036, and according to an "Accuracy: Category 3" measuring accuracy, as set out in EN ISO 3746



MODEL	A	D	E	F	H	I	M	N	V	Z
GS3	252	215	230	100	91	165	Rp 3/8"	37	132	25
GS5	272	233	295	100	91	180	Rp 1/2"	48	138	28
GS10	341	262	346	110	105	204	Rp 3/4"	61	142	33
GS20	387	298	389	120	125	230	Rp 3/4"	67	152	33

MODEL	D1	W1	W2	W3	W4	W5	W6
GS3	104	130		170	140	10	45°
GS5	104	130		170	140	10	45°
GS10	114	130		185	160	11	45°
GS20	125	155	200	170	170	11	45°