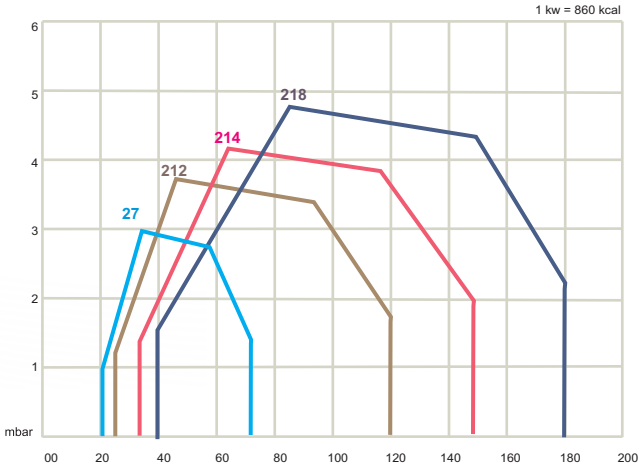
"ABG" Series Gas Burners Models / Range

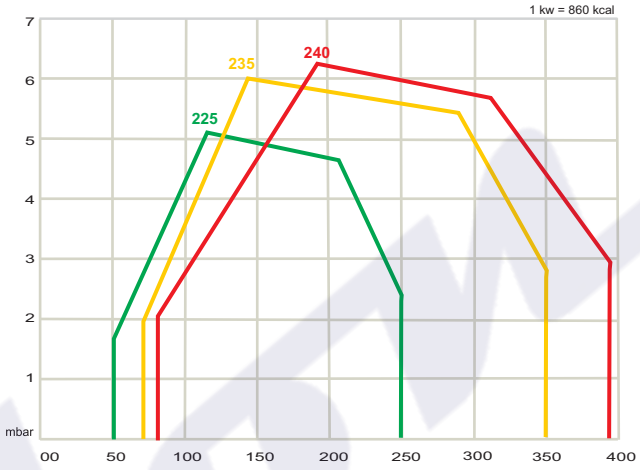


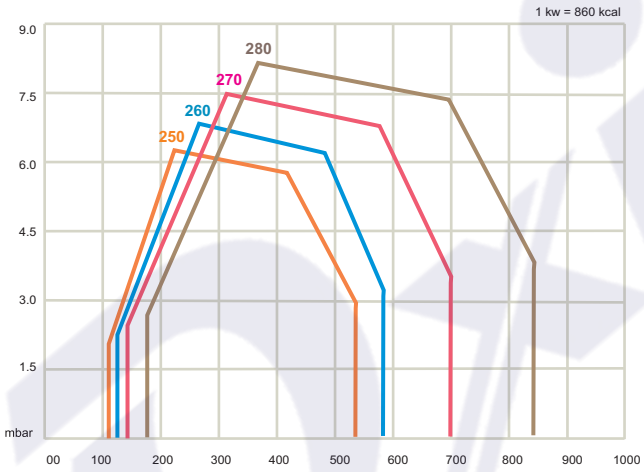
Model	Burner Output				Gasflow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	
ABG 27 SH/EH/CH	20	17,200	70	60,200	2 - 7	1.2 - 5	230 V, 1 Ph
ABG 212 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12	1.8 - 9	"
ABG 214 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 14.8	2.6 - 11	"
ABG 218 SH/EH/CH	40	34,400	180	1,54,800	4 - 18	2.9 - 13.5	"
ABG 225 SH/EH/CH	50	43,000	250	2,15,000	5 - 25	4 - 19	"
ABG 235 SH/EH/CH	70	60,200	350	3,01,000	7 - 35	5.2 - 26.1	"
ABG 240 SH/EH/CH	80	68,800	390	3,35,400	8 - 39	5.9 - 29.1	"
ABG 250 SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53	7.8 - 39	230 - 440 V, 3 Ph
ABG 260 SH/EH/CH	120	1,03,200	590	5,07,400	12 - 59	8.9 - 44	"
ABG 270 SH/EH/CH	140	1,20,400	700	6,02,000	14 - 70	10 - 52	"
ABG 280 SH/EH/CH	170	1,46,200	840	7,22,400	17 -84	12 - 62	"
ABG 2100 SH/EH/CH	220	1,89,200	1110	9,54,600	22 - 111	16 - 83	"
ABG 2125 SH/EH/CH	250	2,15,000	1250	10,75,000	25 - 125	18 - 93	"
ABG 2150 SH/EH/CH	310	2,66,600	1570	13,50,200	31 -157	23 - 117	"
ABG 2170 SH/EH/CH	340	2,92,400	1700	14,62,000	34 - 170	25 - 127	"

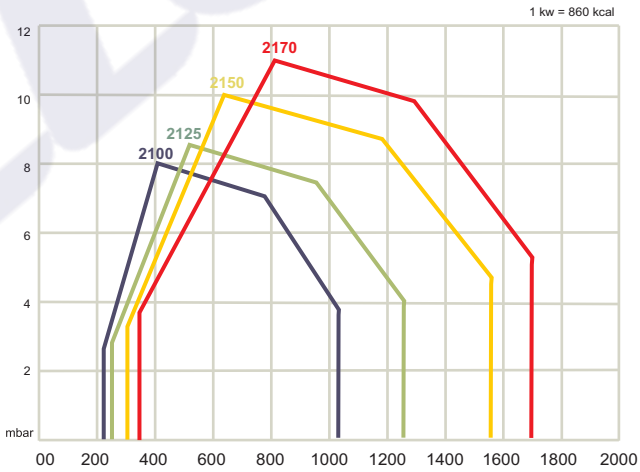
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / back Pressure - "ABG" Series Gas burner









The diagrams are purely illustrative. In practice, there may be considerable differences due to the following factors ; (i) The capacity of the burner to exceed the over pressure when switched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion chamber, which means the burner fan might not be operating within the full operating range.