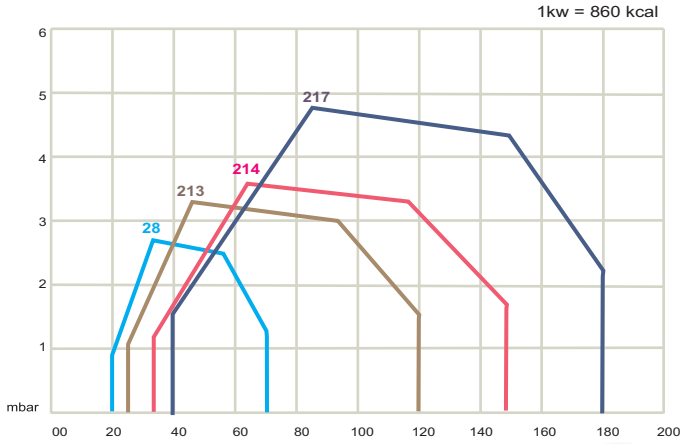
"ABDX" Dual Fuel Burners - Models / Range

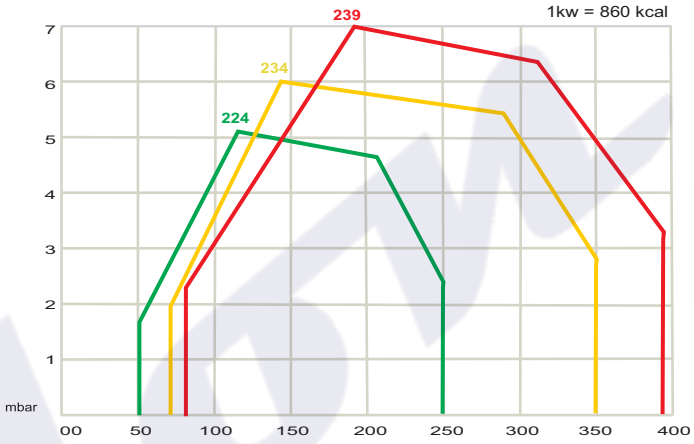


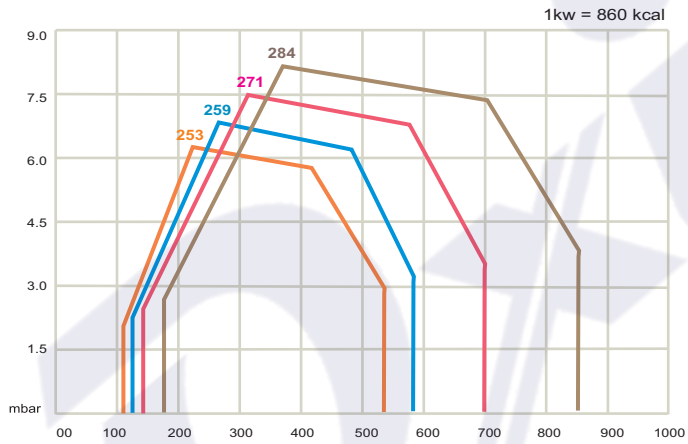
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Nm^3/hr.	Kg./hr.	Min.	Max.	
ABDX 28 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.7	6.0	230 V, 1 Ph
ABDX 213 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	2.0	10.0	"
ABDX 214 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 15.0	2.6 - 11.0	3.0	12.5	"
ABDX 217 SH/EH/CH	40	34,400	180	1,54,800	4.0 - 18.0	3.0 - 13.5	3.5	15.5	"
ABDX 224 SH/EH/CH	50	43,000	250	2,15,000	5.0 - 25.0	4.0 - 19.0	4.0	21.0	"
ABDX 234 SH/EH/CH	70	60,200	350	3,01,000	7.0 - 35.0	5.0 - 26.0	6.0	29.5	"
ABDX 239 SH/EH/CH	80	68,800	390	3,35,400	8.0 - 39.0	6.0 - 29.0	7.0	33.0	"
ABDX 253 SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53.0	8.0 - 40.0	9.0	45.0	230 - 440 V, 3 Ph
ABDX 259 SH/EH/CH	120	1,03,200	590	5,07,400	12.5 - 59.0	9.0 - 44.0	10.0	50.0	"
ABDX 271 SH/EH/CH	140	1,20,400	700	6,02,000	14.0 - 70.0	10.5 - 52.4	12.0	59.0	"
ABDX 284 SH/EH/CH	170	1,46,200	840	7,22,400	17.0 - 84.0	13.0 - 63.0	14.0	71.0	"
ABDX 2110 SH/EH/CH	220	1,89,200	1110	9,54,600	22.0 - 111.0	16.5 - 83.0	18.5	93.5	"
ABDX 2130 SH/EH/CH	250	2,15,000	1250	10,75,000	25.0 - 125.0	19.0 - 93.5	21.0	105.5	"
ABDX 2160 SH/EH/CH	310	2,66,600	1570	13,50,200	31.0 - 157.0	23.0 - 117.4	26.0	132.5	"
ABDX 2175 SH/EH/CH	340	2,92,400	1700	14,62,000	34.0 - 170.0	25.5 - 127.0	28.7	143.3	"

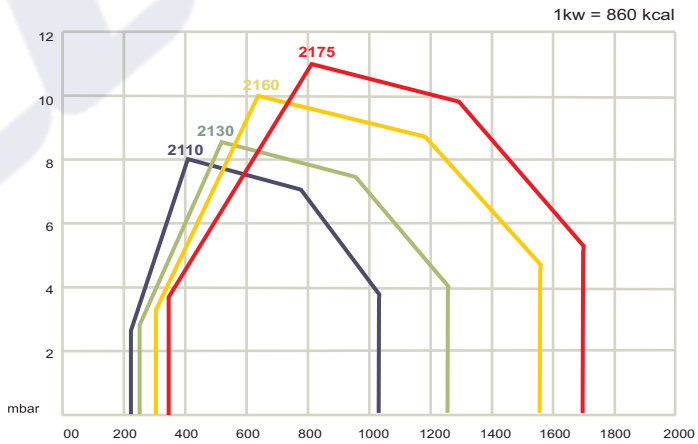
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / Back pressure Graphs - " ABDX " Series Dual Fuel Burners









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.