"DMDX" Dual Fuel Burners - Models / Range



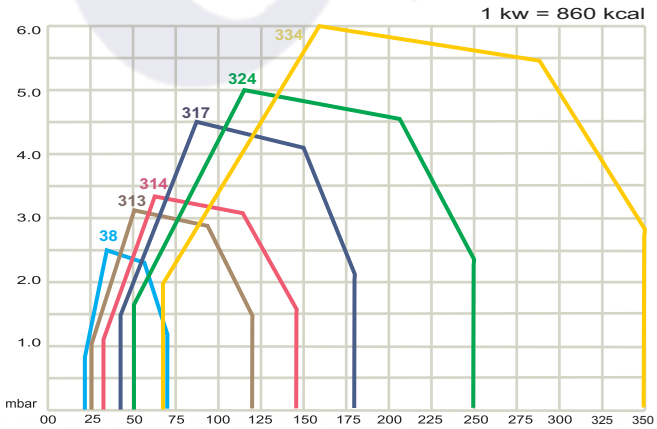
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Nm^3/hr.	Kg./hr.	Min.	Max.	
DMDX 38 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.7	6.0	230 V, 1 Ph
DMDX 313 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	2.0	10.0	"
DMDX 314 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 15.0	2.6 - 11.0	3.0	12.5	"
DMDX 317 SH/EH/CH	40	34,400	180	1,54,800	4.0 - 18.0	3.0 - 13.5	3.5	15.5	"
DMDX 324 SH/EH/CH	50	43,000	250	2,15,000	5.0 - 25.0	4.0 - 19.0	4.0	21.0	"
DMDX 334 SH/EH/CH	70	60,200	350	3,01,000	7.0 - 35.0	5.0 - 26.0	6.0	29.5	"
DMDX 339 SH/EH/CH	80	68,800	390	3,35,400	8.0 - 39.0	6.0 - 29.0	7.0	33.0	"
DMDX 353 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
DMDX 359 SH/EH/CH	120	1,03,200	590	5,07,400	12.5 - 59.0	9.0 - 44.0	10.0	50.0	"
DMDX 371 SH/EH/CH	140	1,20,400	700	6,02,000	14.0 - 70.0	10.5 - 52.4	12.0	59.0	"
DMDX 384 SH/EH/CH	170	1,46,200	840	7,22,400	17.0 - 84.0	13.0 - 63.0	14.0	71.0	"
DMDX 3110 SH/EH/CH	220	1,89,200	1110	9,54,600	22.0 - 111.0	16.5 - 83.0	18.5	93.5	"
DMDX 3130 SH/EH/CH	250	2,15,000	1250	10,75,000	25.0 - 125.0	19.0 - 93.5	21.0	105.5	"

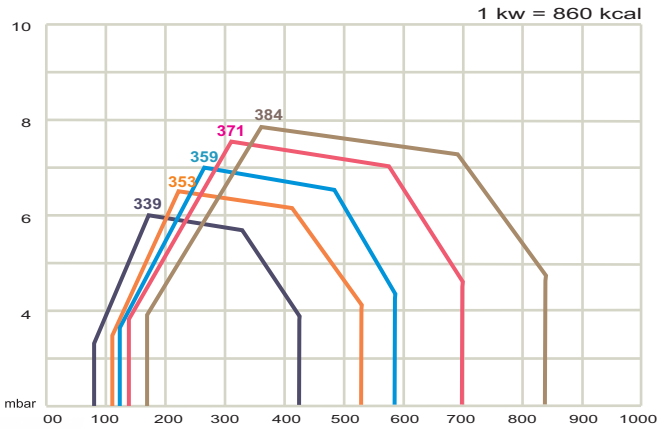
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Model	Burner Output				Gasflow Rate		Oil Flow Rate		
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Nm^3/hr.	Kg./hr.	Min.	Max.	
DMDX 3160 SH/EH/CH	310	2,66,600	1570	13,50,200	31.0 - 157.0	23.0 - 117.4	26.0	132.5	230 - 440 V, 3 Ph
DMDX 3175 SH/EH/CH	340	2,92,400	1700	14,62,000	34.0 - 170.0	25.5 - 127.0	28.7	143.3	"
DMDX 3240 SH/EH/CH	470	4,04,200	2350	20,21,000	47.0 - 235.0	35.2 - 176.0	40.0	198.0	"
DMDX 3260 SH/EH/CH	510	4,38,600	2520	21,67,200	51.0 - 252.0	38.0 - 188.5	43.0	212.5	"
DMDX 3290 SH/EH/CH	570	4,90,200	2850	24,51,000	57.0 - 285.0	42.6 - 213.1	48.0	240.3	"
DMDX 3305 SH/EH/CH	630	5,41,800	3150	27,09,000	63.0 - 315.0	47.1 - 235.6	53.1	265.5	"
DMDX 3340 SH/EH/CH	700	6,02,000	3500	30,10,000	70.0 - 350.0	52.3 - 262.0	59.0	295.0	"
DMDX 3410 SH/EH/CH	810	6,96,600	4050	34,83,000	81.0 - 405.0	60.6 - 303.0	68.3	341.2	"
DMDX 3440 SH/EH/CH	900	7,74,000	4500	38,70,000	90.0 - 450.0	67.3 - 336.5	76.0	379.4	"
DMDX 3510 SH/EH/CH	1010	8,68,600	5053	43,45,580	101.0 - 505.3	75.5 - 378.0	85.0	426.0	"
DMDX 3600 SH/EH/CH	1180	10,14,800	5900	50,74,000	118.0 - 590.0	88.3 - 441.2	100.0	497.5	"
DMDX 3660 SH/EH/CH	1340	11,52,400	6700	57,62,000	134.0 - 670.0	100.2 - 501.0	113.0	565.0	"
DMDX 3740 SH/EH/CH	1500	12,90,000	7500	64,50,000	150.0 - 750.0	112.2 - 561.0	126.5	632.4	"
DMDX 3830 SH/EH/CH	1680	14,44,800	8400	72,24,000	168.0 - 840.0	125.6 - 628.2	141.6	708.2	"
DMDX 3930 SH/EH/CH	1880	16,16,800	9400	80,84,000	188.0 - 940.0	140.6 - 703.0	158.5	792..5	"
DMDX 3980 SH/EH/CH	2000	17,20,000	10,000	86,00,000	200.0 - 1000.0	149.5 - 748.0	168.6	843.1	"

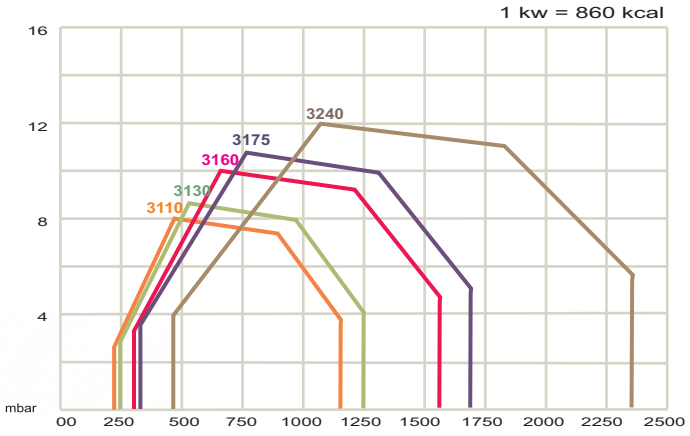
The diagrams are purely illustrative, In practice, there may be considerable difference due to the following factors ; (i) The capacity of the burner to exceed the over pressure when swithched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

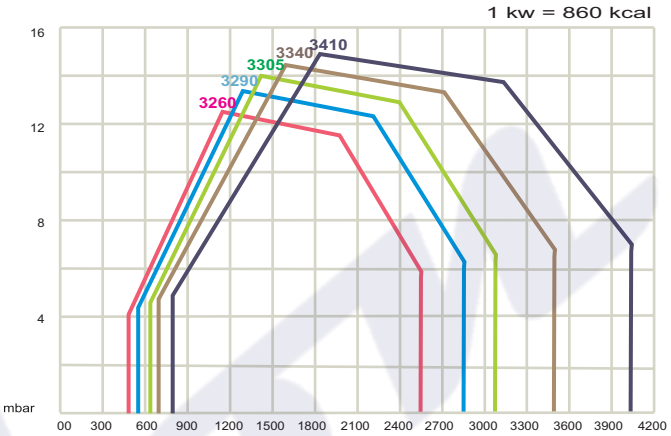
Performance Curves / Back pressure Graphs - " DMDX " Series Dual Fuel Burners

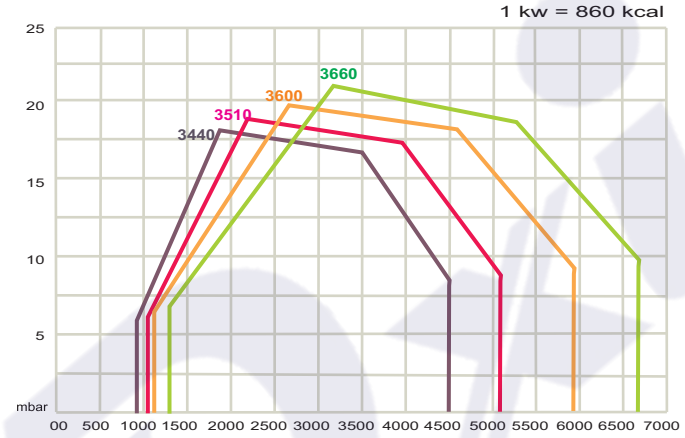


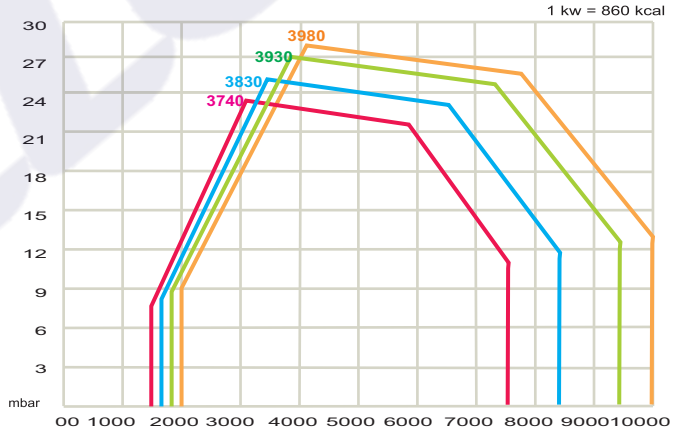


Performance Curves / Back pressure Graphs - " DMDX " Series Dual Fuel Burners









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