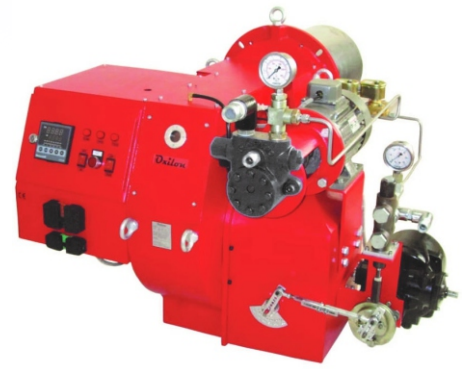


## “HMD” Series Heavy Oil Burners Models / Range



Model	Burner Output				Flow Rate		Power Supply
	Min.		Max.		Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
HMD 320 SH/EH/CH	71	61,060	235	2,02,100	6.2	20.6	230 V, 1 Ph
HMD 330 SH/EH/CH	95	81,700	356	3,06,160	8.3	31	"
HMD 342 SH/EH/CH	110	94,600	395	3,39,700	9.6	34.6	"
HMD 345 SH/EH/CH	150	1,29,000	533	4,58,380	13	47	230 - 440 V, 3Ph
HMD 355 SH/EH/CH	170	1,46,200	593	5,09,980	15	52	"
HMD 375 SH/EH/CH	200	1,72,000	710	6,10,600	17.5	62	"
HMD 385 SH/EH/CH	235	2,02,100	830	7,13,800	20.6	73	"
HMD 3105 SH/EH/CH	270	2,32,200	1050	9,03,000	24	92	"
HMD 3120 SH/EH/CH	310	2,66,600	1245	10,70,700	27	109	"
HMD 3155 SH/EH/CH	380	3,26,800	1540	13,24,400	33	135	"
HMD 3165 SH/EH/CH	415	3,56,900	1660	14,27,600	36	146	"

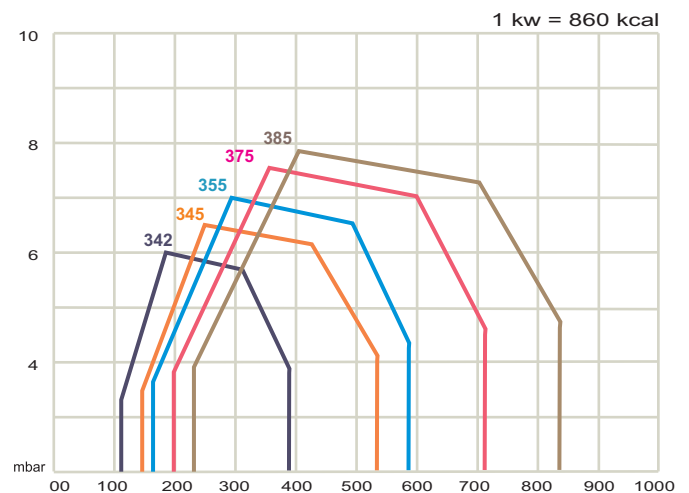
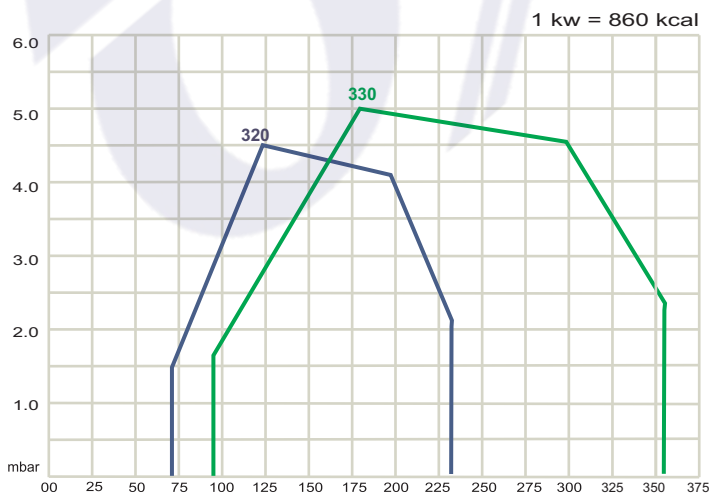
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

## “HMD” Series Heavy Oil Burners Models / Range

Model	Burner Output				Flow Rate		Power Supply
	Min.		Max.		Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
HMD 3235 SH/EH/CH	475	4,08,500	2372	20,39,920	42	208	230 - 440 V, 3 Ph
HMD 3255 SH/EH/CH	500	4,30,000	2510	21,58,600	44	220	"
HMD 3275 SH/EH/CH	570	4,90,200	2850	24,51,000	50	250	"
HMD 3310 SH/EH/CH	620	5,33,200	3140	27,00,400	54.4	275	"
HMD 3355 SH/EH/CH	712	6,12,320	3560	30,61,600	62.5	312	"
HMD 3410 SH/EH/CH	808	6,94,880	4030	34,65,800	71	354	"
HMD 3455 SH/EH/CH	900	7,74,000	4500	38,70,000	79	395	"
HMD 3500 SH/EH/CH	1010	8,68,600	5000	43,00,000	88	439	"
HMD 3605 SH/EH/CH	1200	10,32,200	6000	51,60,000	105	526	"
HMD 3655 SH/EH/CH	1340	11,52,400	6700	57,62,000	118	588	"
HMD 3755 SH/EH/CH	1520	13,07,200	7500	64,50,000	133	658	"
HMD 3815 SH/EH/CH	1675	14,40,400	8400	72,24,000	147	737	"
HMD 3920 SH/EH/CH	1885	16,21,100	9400	80,84,000	165	825	"
HMD 3955 SH/EH/CH	2020	17,37,200	10,000	86,00,000	177	877	"

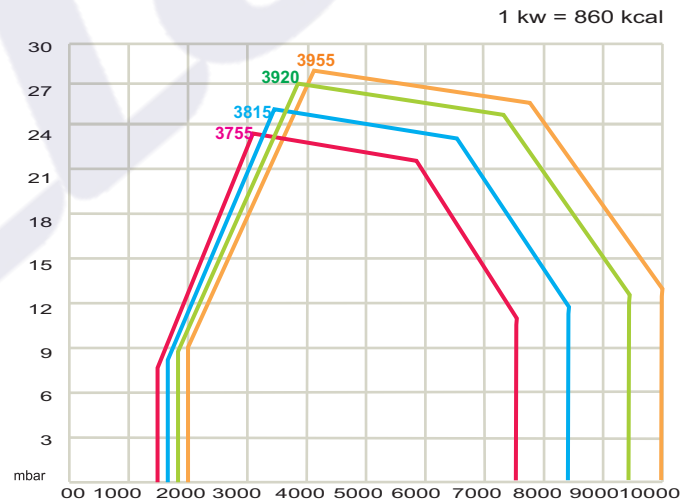
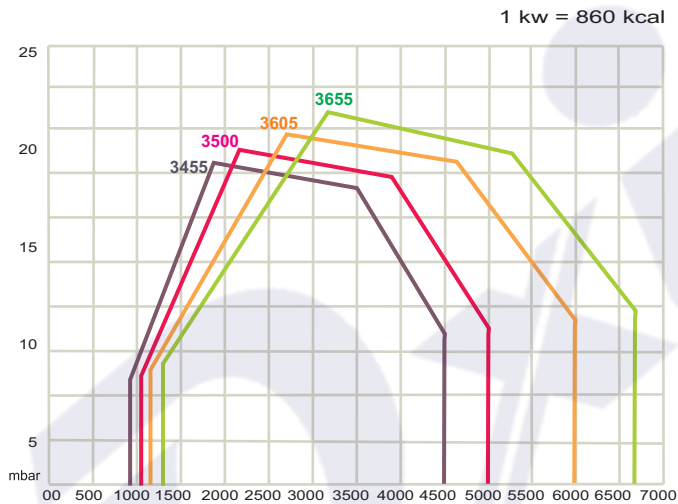
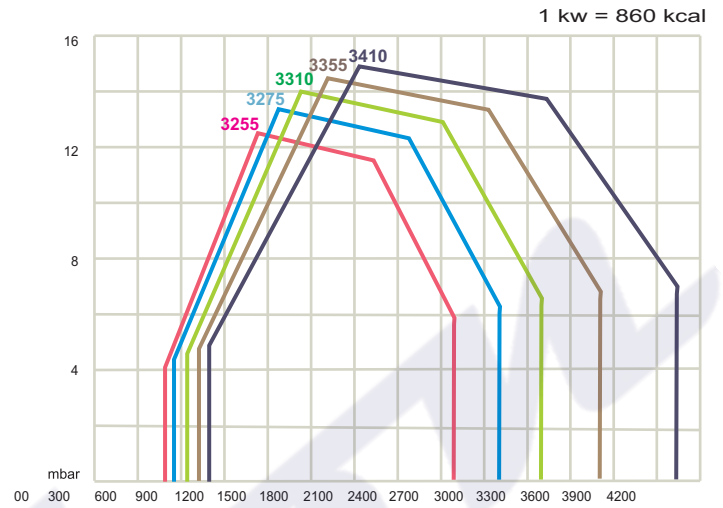
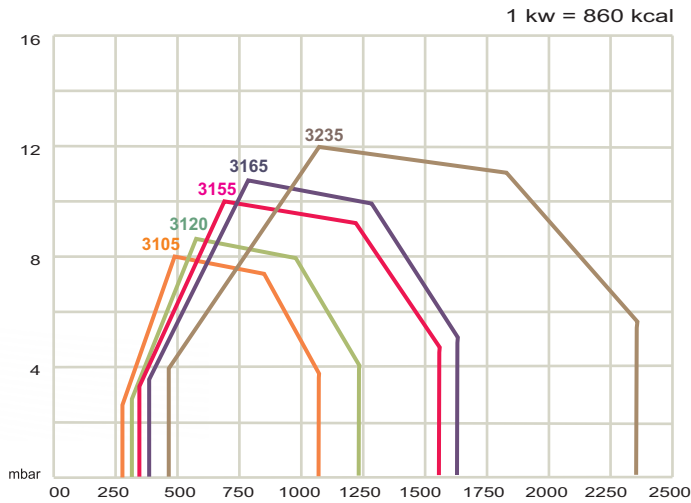
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### Performance Curves / back Pressure - “HMD” Series Heavy Oil burners



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 switched 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.

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