Oxilon

Gas Burners | Oil Burners | Dual Fuel Burners | Industrial Burners

www.oxilonburners.com

Decades of market ride

With more than two decade of market-ride Oxilon is proud of its position as one of the foremost manufacturers of burners. Company has achieved regular success allowing it to meet any request producing a wide range of oil & gas burners.

Reliability with efficiency and safety

Oxilon today offers full range of Burners designed & tested for maximum efficiency and green emissions. The choice of high quality components and superior design ensures a high level of reliability and efficient operation.

Also the compliance with safety standards for the gas train, in line inspection and a complete fire test all guarantee maximum burner safety.

Wide range for every need

The Company manufactures complete series of burners designed for different applications & can be used any where as per their special charactaristics & performance curves.

This range covers the perfect match to different mountings, temperature range, back pressure, operating parameters and controlling actions of any industry.

Expecting the standard model range, from the family home to largest industrial complex, a made to measure solutions that is custom designs are available.

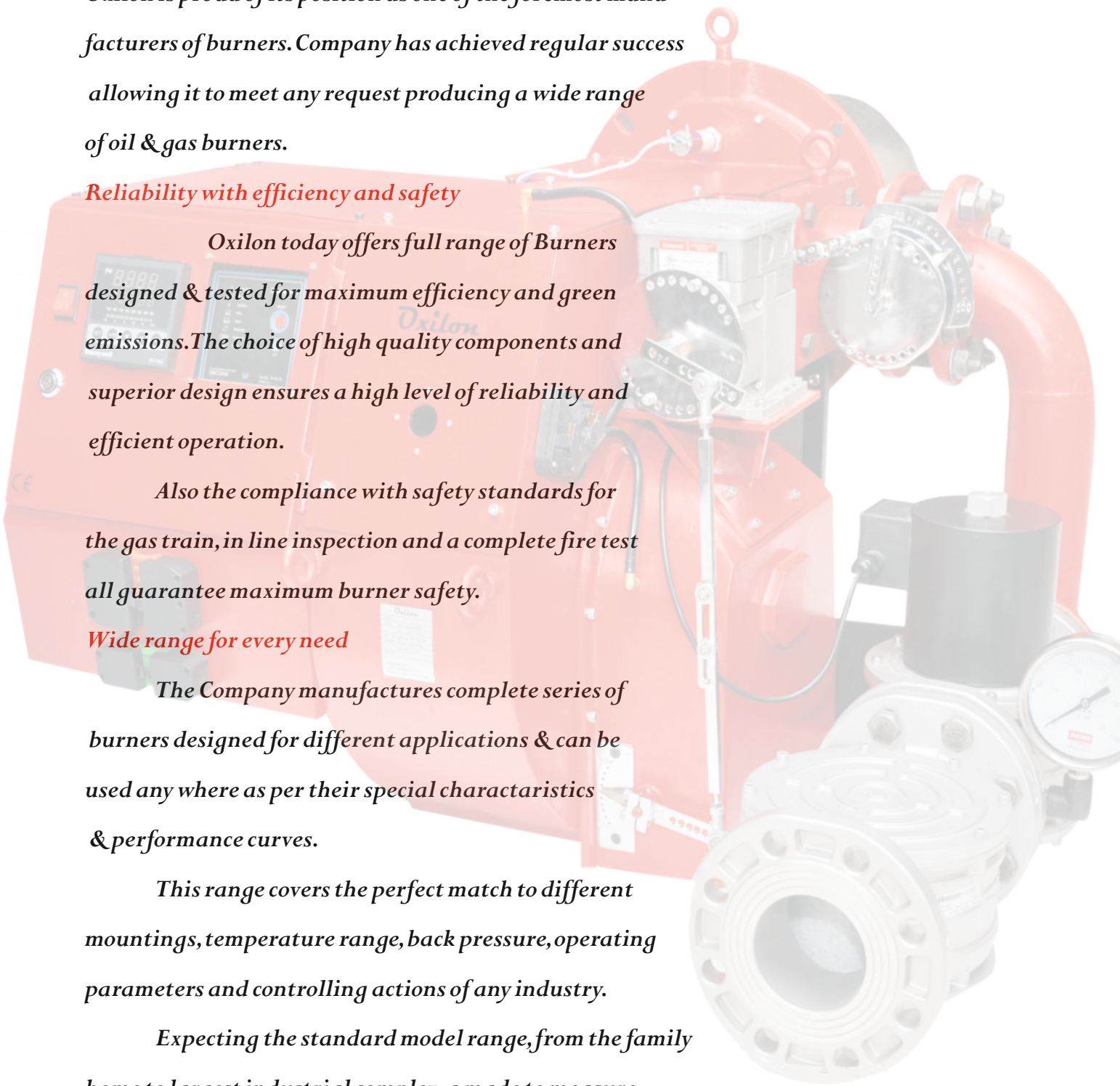


Table of contents

Series description -
Single Stage Light Oil Burners

Technical and functional features

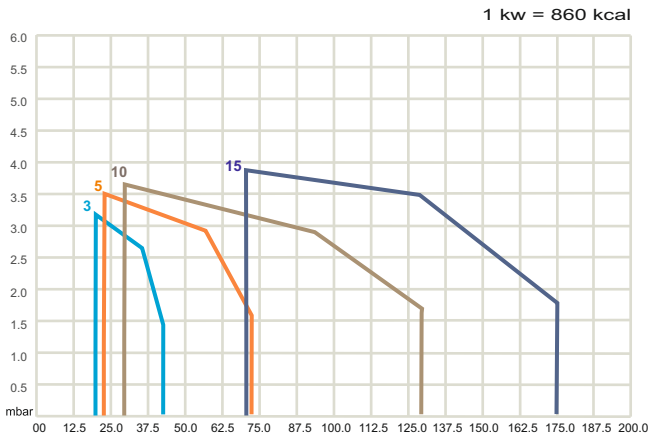
Oil Burner for L.D.O. / H.S.D. / Diesel.
Available for Pyrolysis Oil & Kerosene.
Single Stage Operation (ON/OFF)
High Pressure Mechanical atomisation of fuel using Nozzle.
Manual Air & Oil flow adjustment.
Monophase Electric Motor to run fan and pump.
Gear pump with pressure regulator.
Adjustable Combustion Head for fine tune regulation and matching with different shapes of combustion chamber.
Monoblock electrodes for easy and steady installation into the nozzle even after maintenance .
Photo resistance flame scanner.
Completely sealed aluminium casing wrapped with a new modern design cover.
Compatible with any type of combustion chamber .
Compact in overall dimensions.
User friendly burners, there are plugs which can be easily connected to the electrical supply line .
Burner mounted on single bolt mounting plate can be easily taken off for maintenance.
Continuous Ventilation available on request.

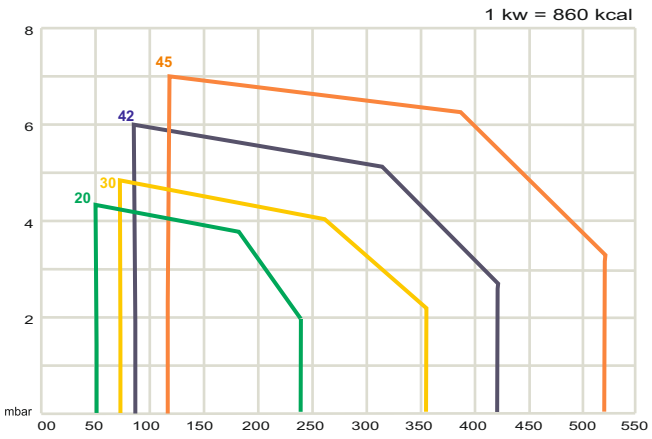
"OX" Series Oil Burners Models / Range

Model	Burner Output				Oil Flow Rate		Power Supply
	Min.		Max.		Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
OX 3 TN SH/EH/CH	17	14,620	41	35,260	1.4	3.5	230 V, 1 Ph
OX 5 TN SH/EH/CH	20	17,200	71	61,060	1.7	6.0	"
OX 10 TN SH/EH/CH	35	30,100	130	1,11,800	3.0	10.9	"
OX 15 TN SH/EH/CH	71	61,060	175	1,50,500	6.0	14.7	"
OX 20 TN SH/EH/CH	71	61,060	235	2,02,100	6.0	19.8	"
OX 30 TN SH/EH/CH	95	81,700	356	3,06,160	8.0	30.0	"
OX 42 TN SH/EH/CH	110	94,600	395	3,39,700	9.2	33.0	"
OX 45 TN SH/EH/CH	150	1,29,000	533	4,58,380	12.6	45.0	230 - 440 V, 3 Ph

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

Performance Curves / Back Pressure Graphs - " OX " Series Oil Burners

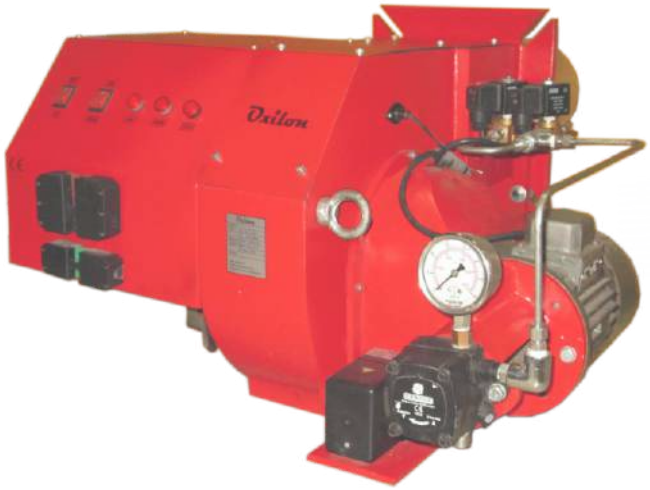




The diagrams are purely illustrative. In practice, there may be considerable differences due to the following factors ; (i) The capacity of the burner to exceed the over pressure when switched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

"XL" Series Oil Burners

Series description -
Two Stage Light Oil Burners



Technical and functional features

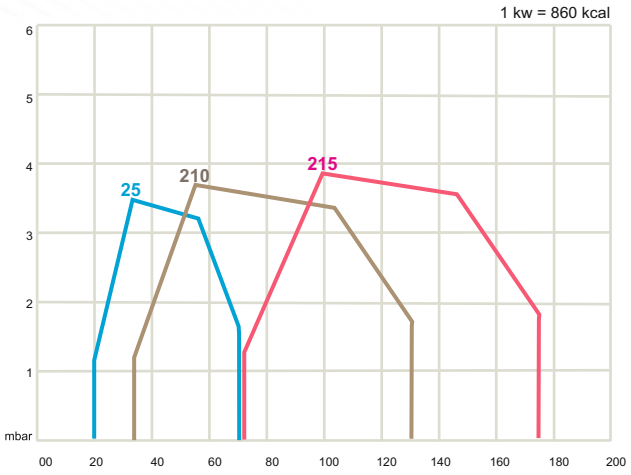
Oil Burner for L.D.O. / H.S.D. / Diesel.
Available for Pyrolysis Oil & Kerosene.
Two Stage Operation (High/Low)
Hi- Low version with electric servomotor and and integrated systems for the regulation of air and light Oil with nozzle
Single nozzle Hi-Low version available up to XL 42.
Two nozzle Hi-Low version available From XL 245 to XL 2165.
Three nozzle Hi-Low version available in XL 2235 and XL 2255.
High Pressure Mechanical atomisation of fuel using Nozzle.
Compatible with any type of combustion chamber .
Manual Oil flow adjustment.
Monoblock electrodes for easy and steady installation in to the nozzle even after maintenance .
Adjustable combustion head for fine tune regulation and matching with different shape of combustion chamber.
Photo resistance flame scanner.
Compact in overall dimensions
Monoblack casing is Manufactured from high tensile aluminium the design offers easy access to every single component, an important factor when comes repairing, cleaning or servicing the burner.

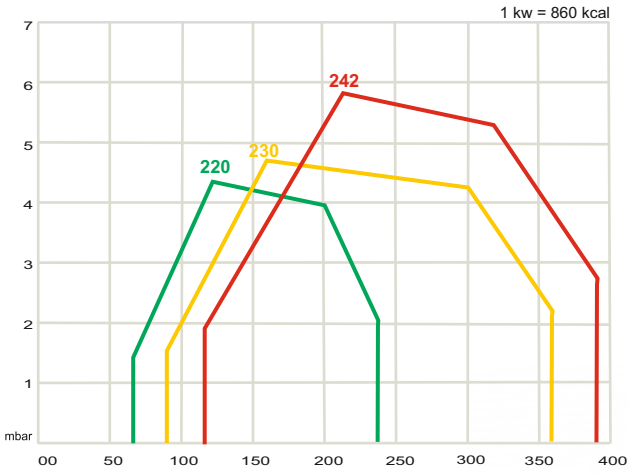
"XL" Series Oil Burners Models / Range

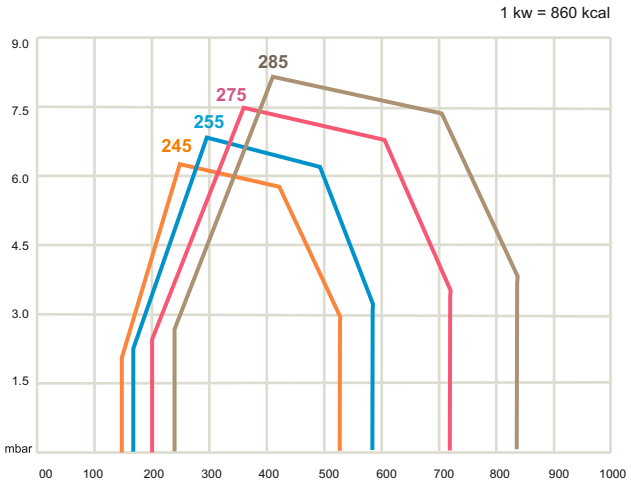
Model	Burner Output				Flow Rate		Power Supply
	Min.		Max.		Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
XL 25 SH/EH/CH	20	17,200	71	61,060	1.7	6.0	230 V, 1 Ph
XL 210 SH/EH/CH	35	30,100	130	1,11,800	3.0	10.9	"
XL 215 SH/EH/CH	71	61,060	175	1,50,500	5.9	14.75	"
XL 220 SH/EH/CH	71	61,060	235	2,02,100	6.0	19.8	"
XL 230 SH/EH/CH	95	81,700	356	3,06,160	8.0	30	"
XL 242 SH/EH/CH	110	94,600	395	3,39,700	9.2	33.3	"
XL 245 SH/EH/CH	150	1,29,000	533	4,58,380	12.6	45	230 - 440 V, 3 Ph
XL 255 SH/EH/CH	170	1,46,200	593	5,09,980	14.3	50	"
XL 275 SH/EH/CH	200	1,72,000	710	6,10,600	16.8	60	"
XL 285 SH/EH/CH	235	2,02,100	830	7,13,800	20	70	"
XL 2105 SH/EH/CH	270	2,32,200	1050	9,03,000	22.7	88.5	"
XL 2120 SH/EH/CH	350	3,01,000	1245	10,70,700	29.5	105	"
XL 2155 SH/EH/CH	440	3,78,400	1540	13,24,400	37	130	"
XL 2165 SH/EH/CH	470	4,04,200	1660	14,27,600	40	140	"
XL 2235 SH/EH/CH	475	4,08,500	2372	20,39,920	40	200	"
XL 2255 SH/EH/CH	500	4,30,000	2510	21,58,600	42	211	"

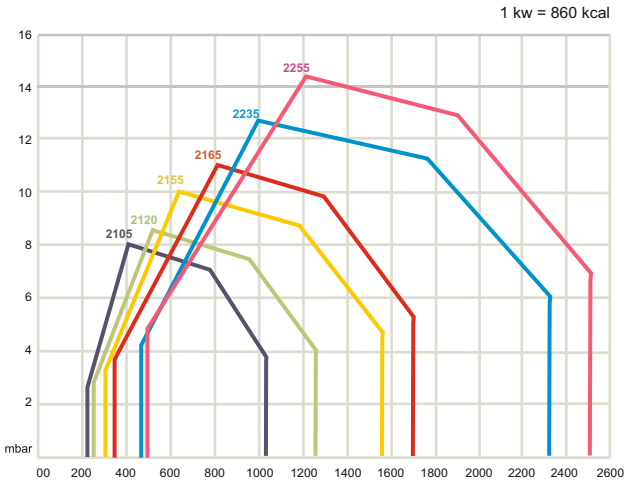
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / Back Pressure Graphs - " XL " Series Oil 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.

"MXL" Series Oil Burners

Series description –
Modulating Light Oil Burners

Technical and functional features

Oil Burner for L.D.O. / H.S.D. / Diesel.
Available for Pyrolysis Oil & Kerosene.
Step less Fully Modulating operation over the range.
New designed proportional pressure ratio system for the modulation Version MD.
Modulating version with PID system controller with digital set point display and real time value .
Adjustable Combustion Head for fine tune regulation and matching with different shapes of combustion chamber.
Compact in overall dimensions.
Compatible with any type of combustion chamber .
Monoblock electrodes for easy and steady installation in to the nozzle even after maintenance .
Photo resistance flame scanner.
Completely sealed aluminium casing wrapped with a New Modern Design cover.
New high efficiency Fan ventilator designed to give flame stability and and easy matching .
User friendly burners, there are plugs which can be easily connected to the electrical supply line .
Continuous Ventilation available on request.

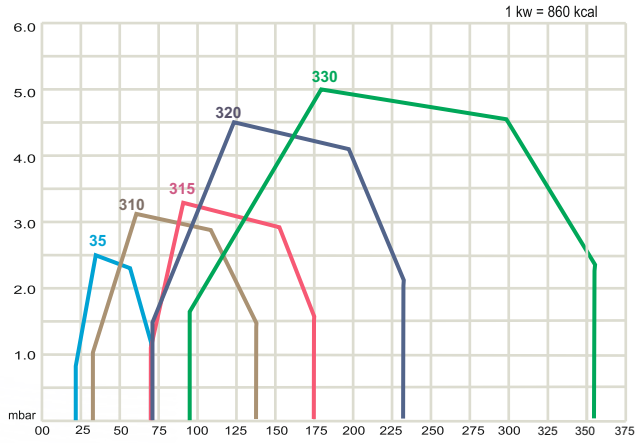
"MXL" Series Oil Burners Models / Range

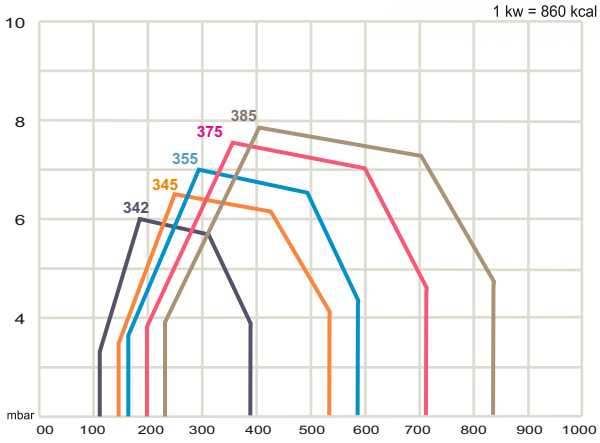
Model	Burner Output				Flow Rate Kg. / hr.		Power Supply
	Min.		Max.				
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
MXL 310 SH/EH/CH	35	30,100	130	1,11,800	3.0	11	230 V, 1 Ph
MXL 315 SH/EH/CH	71	61,060	175	1,50,500	6.0	15	"
MXL 320 SH/EH/CH	71	61,060	235	2,02,100	6.0	20	"
MXL 330 SH/EH/CH	95	81,700	356	3,06,160	8.0	30	"
MXL 342 SH/EH/CH	110	94,600	395	3,39,700	9.2	33	"
MXL 345 SH/EH/CH	150	1,29,000	533	4,58,380	12.6	45	230 - 440 V, 3 Ph
MXL 355 SH/EH/CH	170	1,46,200	593	5,09,980	14.3	50	"
MXL 375 SH/EH/CH	200	1,72,000	710	6,10,600	16.8	60	"
MXL 385 SH/EH/CH	235	2,02,100	830	7,13,800	20	70	"
MXL 3105 SH/EH/CH	270	2,32,200	1050	9,03,000	22.7	89	"
MXL 3120 SH/EH/CH	310	2,66,600	1245	10,70,700	26.1	105	"
MXL 3155 SH/EH/CH	380	3,26,800	1540	13,24,400	32	130	"
MXL 3165 SH/EH/CH	415	3,56,900	1660	14,27,600	35	140	"

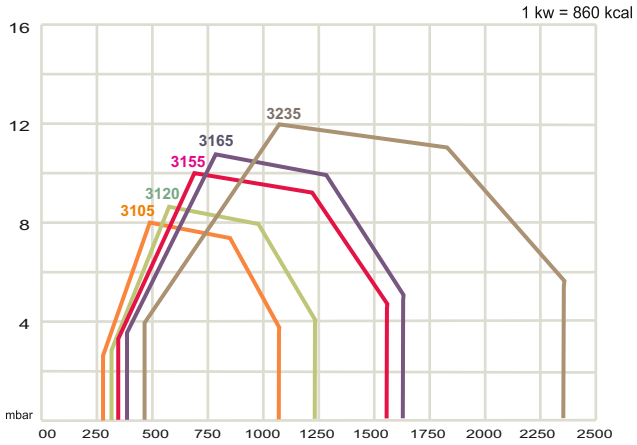
Model	Burner Output				Flow Rate Kg. / hr.		Power Supply
	Min.		Max.				
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
MXL 3235 SH/EH/CH	475	4,08,500	2372	20,39,920	40	200	230 - 440 V, 3 Ph
MXL 3255 SH/EH/CH	500	4,30,000	2510	21,58,600	42	211	"
MXL 3275 SH/EH/CH	570	4,90,200	2850	24,51,000	48	240	"
MXL 3310 SH/EH/CH	620	5,33,200	3140	27,00,400	52.2	264	"
MXL 3355 SH/EH/CH	712	6,12,320	3560	30,61,600	60	300	"
MXL 3410 SH/EH/CH	808	6,94,880	4030	34,65,800	68	340	"
MXL 3455 SH/EH/CH	900	7,74,000	4500	38,70,000	75	379	"
MXL 3500 SH/EH/CH	1010	8,68,600	5000	43,00,000	85	421	"
MXL 3605 SH/EH/CH	1200	10,32,200	6000	51,60,000	101	505	"
MXL 3655 SH/EH/CH	1340	11,52,400	6700	57,62,000	113	564	"
MXL 3755 SH/EH/CH	1520	13,07,200	7500	64,50,000	128	632	"
MXL 3815 SH/EH/CH	1675	14,40,400	8400	72,24,000	141	708	"
MXL 3920 SH/EH/CH	1885	16,21,100	9400	80,84,000	158	792	"
MXL 3955 SH/EH/CH	2020	17,37,200	10,000	86,00,000	170	843	"

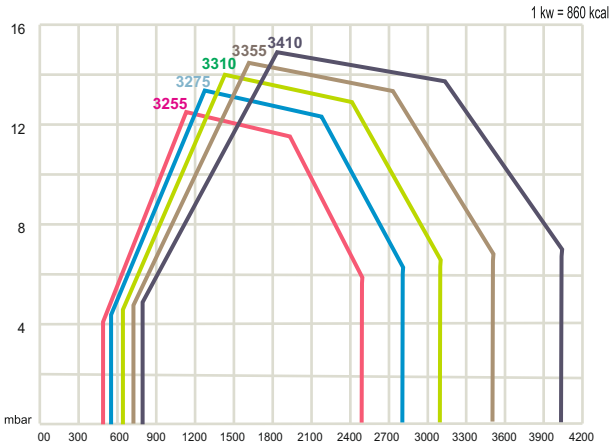
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

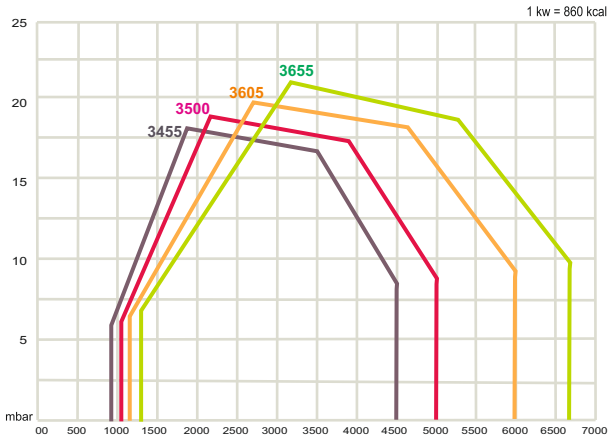
Performance Curves / Back Pressure Graphs - " MXL " Series Oil Burners

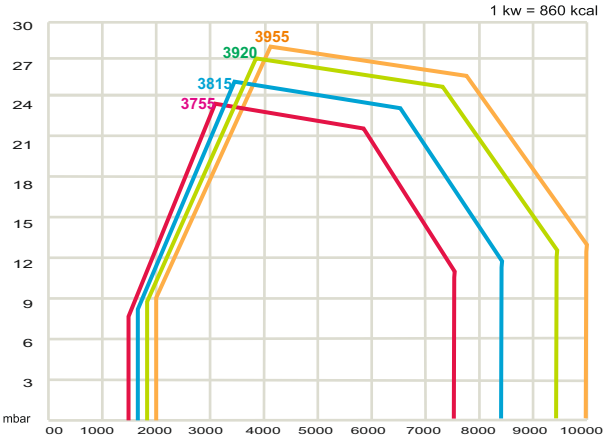












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"OXG" Series Gas Burners

Series description -
Single Stage Gas Burners

Technical and functional features

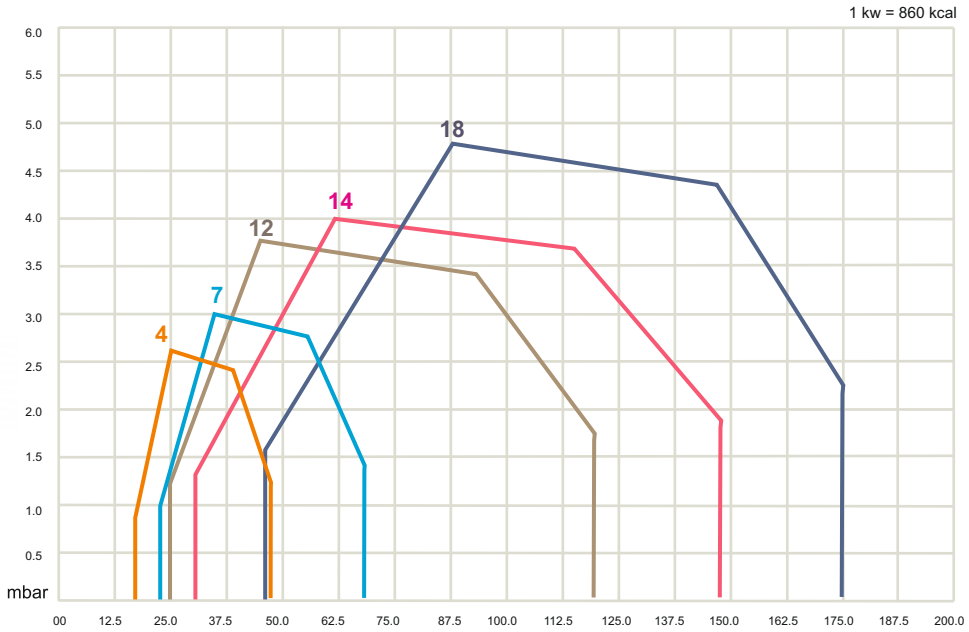
Gas burners for Natural gas / L.P.G..
Available for Bio-gas, Town gas & Producer gas.
Single stage operation (ON / OFF).
Compatible with any type of combustion chamber.
Compact in overall dimensions.
Manual air & gas flow adjustment.
Gas valve selection available, soft start & fast start.

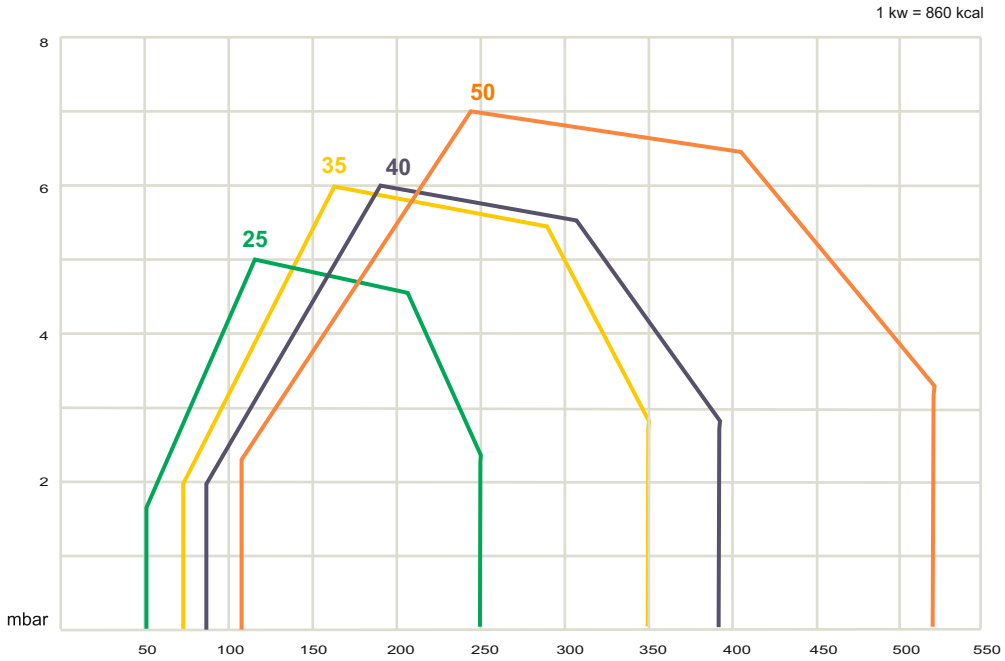
"OXG" Series Gas Burners Models / Range

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.	
OXG 4 TN SH/EH/CH	17	14,620	48	41,280	1.7 - 4.8	1.2 - 3.5	230 V, 1 Ph
OXG 7 TN SH/EH/CH	20	17,200	70	60,200	2 - 7	1.2 - 5	"
OXG 12 TN SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12	1.8 - 9	"
OXG 14 TN SH/EH/CH	35	30,100	148	1,27,280	3.5 - 14.8	2.6 - 11	"
OXG 18 TN SH/EH/CH	45	38,500	180	1,54,800	4.5 - 18	3.3 - 13.5	"
OXG 25 TN SH/EH/CH	50	43,000	250	2,15,000	5 - 25	4 - 19	"
OXG 35 TN SH/EH/CH	70	60,200	350	3,01,000	7 - 35	5 - 26	"
OXG 40 TN SH/EH/CH	80	68,800	390	3,35,400	8 -39	5.9 - 29	"
OXG 50 TN SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53	7.8 - 39	440 V, 3 Ph

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 - "OXG" Series Gas 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.

"ABG" Series Gas Burners

Series description -
Two Stage Gas Burners

Technical and functional features

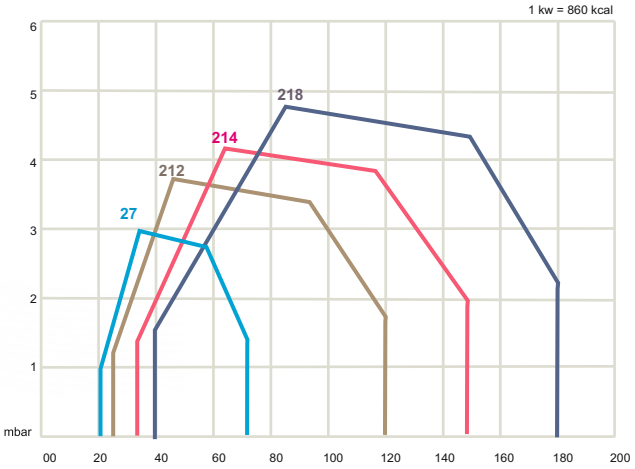
Two stage operation (High/Low)
Gas burners for Natural gas / L.P.G..
Available for Bio-gas, Town gas & Producer gas.
Independent gas flow adjustment for each valve.
HI-Low version with electric servomotor and integrated systems for the regulation of air and gas.
Compatible with any type of combustion chamber.
Burners are extremely easy to fit even on small boilers, thanks to their compactness and exceptionally limited overall dimensions.
Monoblok casing is manufactured from high tensile aluminium. The design offers easy access to every single component, an important factor

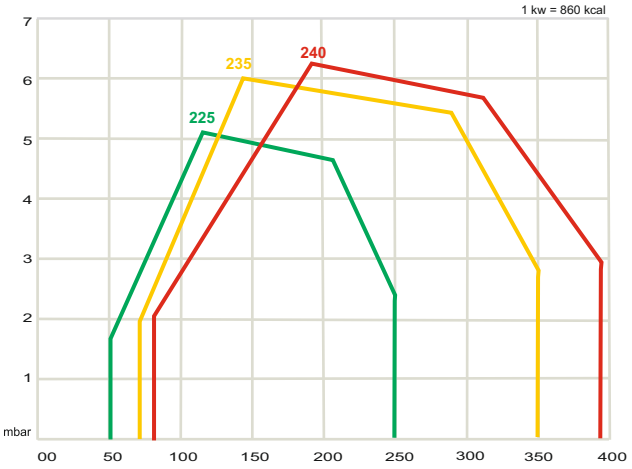
"ABG" Series Gas Burners Models / Range

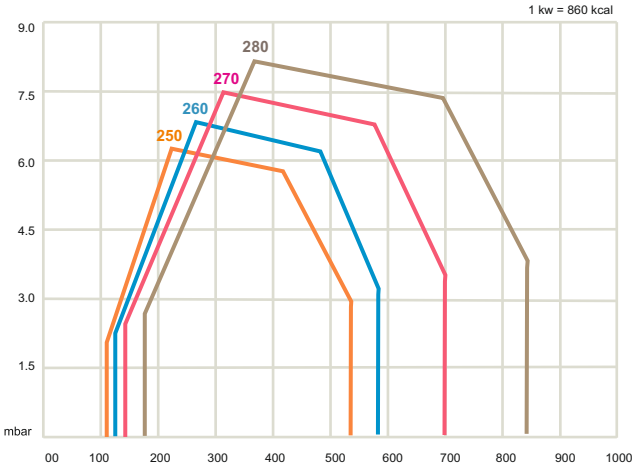
Model	Burner Output				Gasflow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	
ABG 27 SH/EH/CH	20	17,200	70	60,200	2 - 7	1.2 - 5	230 V, 1 Ph
ABG 212 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12	1.8 - 9	"
ABG 214 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 14.8	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	"

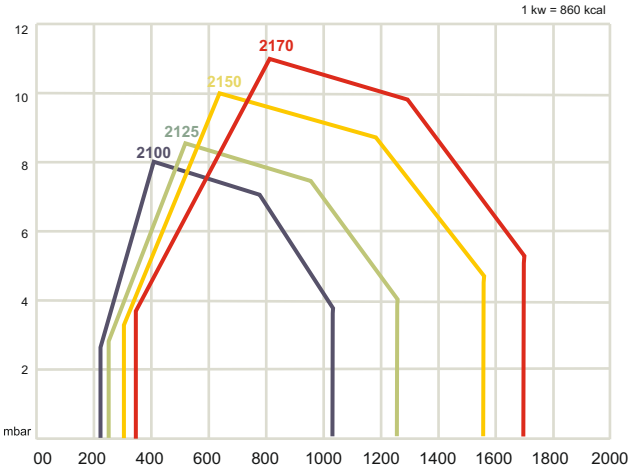
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / back Pressure - “ABG” Series Gas burner









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"GMD" Series Gas Burners

Series description -
Fully Modulating Gas Burners

Technical and functional features

Gas burners for Natural gas / L.P.G..
Available for Bio-gas, Town gas & Producer gas.
Stepless fully modulating operation over the range.
Modulating version with PID system controller with digital set point Display and real time value .
Modulating version with electrical servo motor and double adjustable mechanical cam that allows air gas fine tuning.
Compatible with any type of combustion chamber.
Compact in overall dimensions.
Ability to obtain optimal combustion values by regulating combustion air and gas.
New high efficiency Fan ventilator designed to give flame stability and easy matching .
Completely sealed aluminium casing wrapped with a new modern design cover.
Continuous Ventilation available on request.
Burner mounted control panel containing all electrical burners sequence and safety controls .

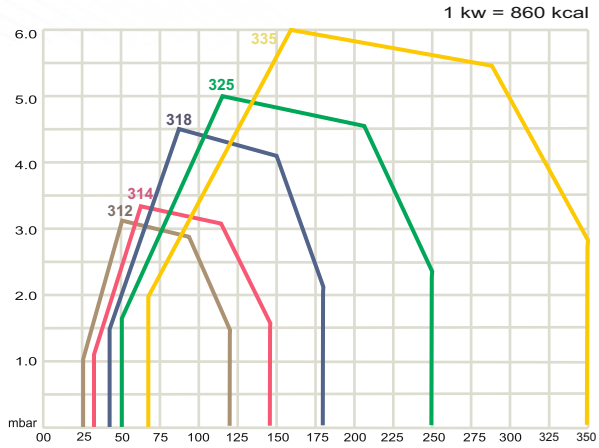
"GMD" Series Gas Burners Models / Range

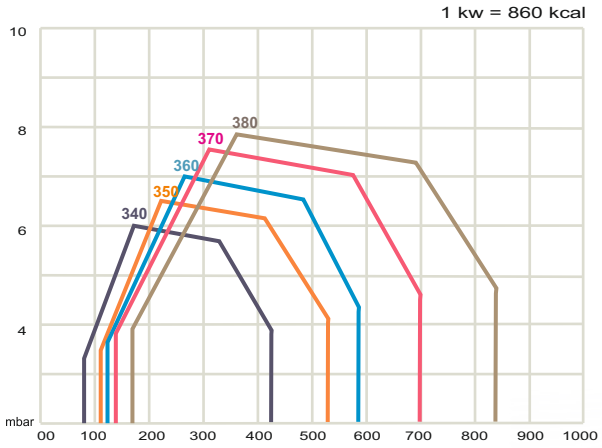
Model	Burner Output				Gasflow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	
GMD 312 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12	1.8 - 9	230 V, 1 Ph
GMD 314 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 14.8	2.6 - 11	"
GMD 318 SH/EH/CH	40	34,400	180	1,54,800	4 - 18	2.9 - 13	"
GMD 325 SH/EH/CH	50	43,000	250	2,15,000	5 - 25	4 - 19	"
GMD 335 SH/EH/CH	70	60,200	350	3,01,000	7 - 35	5 - 26	"
GMD 340 SH/EH/CH	80	68,800	390	3,35,400	8 - 39	5.98 - 29	"
GMD 350 SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53	7.8 - 39	230 - 440 V, 3Ph
GMD 360 SH/EH/CH	120	1,32,200	590	5,07,400	15.3 - 59	11.5 - 44	"
GMD 370 SH/EH/CH	140	1,20,400	700	6,02,000	14 - 70	10.4 - 52	"
GMD 380 SH/EH/CH	170	1,46,200	840	7,22,400	17 -84	12.7 - 62	"
GMD 3100 SH/EH/CH	220	1,89,200	1110	9,54,600	22 - 111	16 - 83	"
GMD 3125 SH/EH/CH	250	2,15,000	1250	10,75,000	25 - 125	19 - 93.5	"
GMD 3150 SH/EH/CH	310	2,66,600	1570	13,50,200	31 - 157	23 - 117	"
GMD 3170 SH/EH/CH	340	2,92,400	1700	14,62,200	34 - 170	25 - 127	"

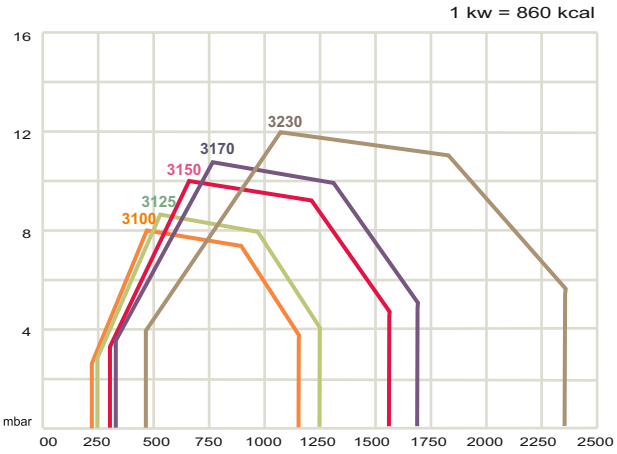
Model	Burner Output				Gasflow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	
GMD 3230 SH/EH/CH	470	4,04,200	2350	20,21,000	47 - 235	35 - 175	230 - 440 V, 3Ph
GMD 3250 SH/EH/CH	505	4,34,300	2520	21,67,200	50.5 - 252	37 - 188	"
GMD 3280 SH/EH/CH	570	4,90,200	2850	24,51,000	57 - 285	42 - 213	
GMD 3300 SH/EH/CH	630	5,41,800	3150	27,09,000	63 - 315	47 - 236	"
GMD 3350 SH/EH/CH	700	6,02,200	3500	30,10,000	70 - 350	52 - 261	"
GMD 3405 SH/EH/CH	810	6,96,600	4050	34,83,000	81 - 405	60 - 302	"
GMD 3450 SH/EH/CH	900	7,74,000	4500	38,70,000	90 - 450	67 - 336	"
GMD 3500 SH/EH/CH	1010	8,68,600	5050	43,43,000	101 - 505	75.5 - 377	"
GMD 3590 SH/EH/CH	1180	10,14,800	5900	50,74,000	118 - 590	88 - 441	"
GMD 3670 SH/EH/CH	1340	11,52,400	6700	57,62,000	134 - 670	100 - 501	"
GMD 3750 SH/EH/CH	1500	12,90,000	7500	64,50,000	150 - 750	112 - 560	"
GMD 3840 SH/EH/CH	1680	14,44,800	8400	72,24,000	168 - 840	125 - 628	"
GMD 3940 SH/EH/CH	1880	16,16,800	9400	80,84,000	188 - 940	140 - 702	"
GMD 3990 SH/EH/CH	2000	17,20,000	10,000	86,00,000	200 - 1000	150 - 747	"

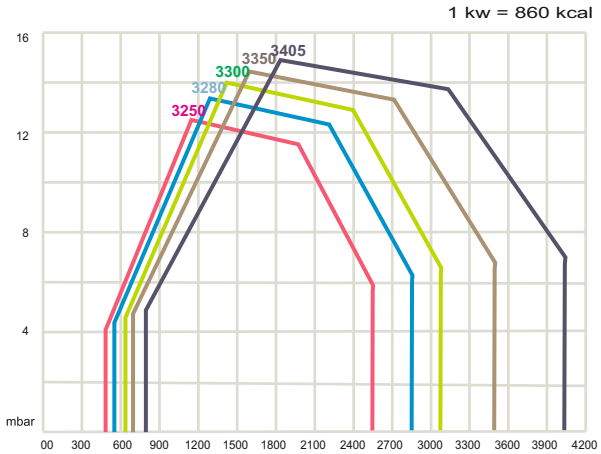
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / back Pressure - "GMD" Series Gas burners



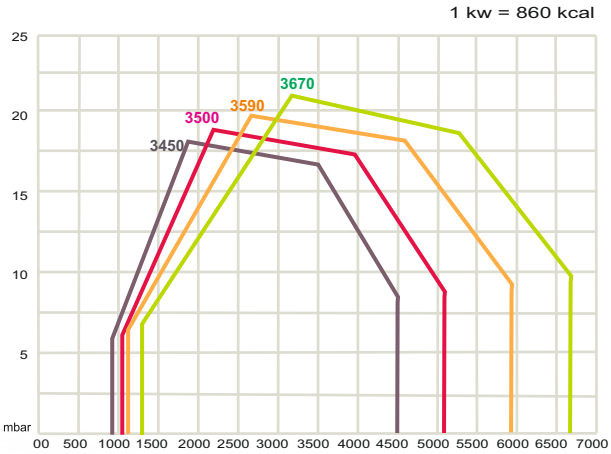


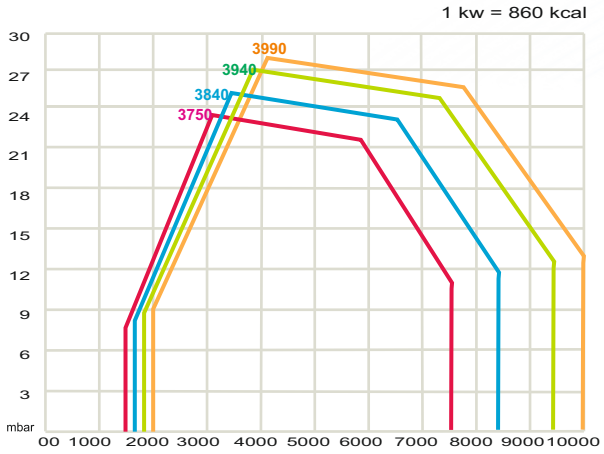




The diagrams are purely illustrative. In practice, there may be considerable differences due to the following factors ; (i) The capacity of the burner to exceed the over pressure when switched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

Performance Curves / back Pressure - "GMD" Series Gas 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.

"DLX" Series Dual Fuel Burners

Series description -
Single Stage Dual Fuel Burners
(Light Oil & Gas)

Technical & Functional Features

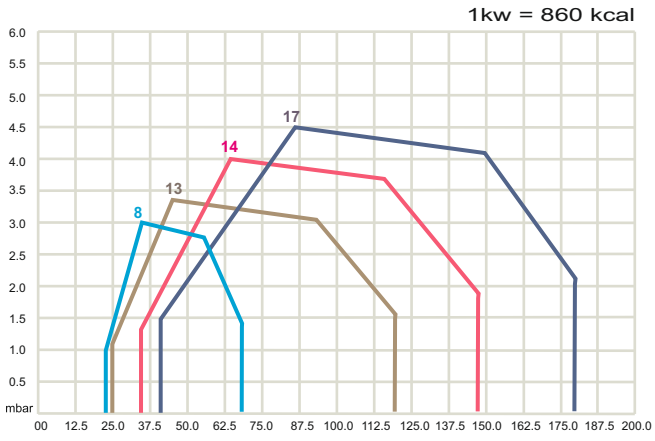
Dual fuel burners are suitable to burn gas as well as light oil .
Dual fuel burner for Natural gas, L.P.G. , H.S.D. , L.D.O , and Diesel.
Available for Pyrolysis oil & Kerosene
Available for Biogas, Town gas & Producer gas.
Single Stage Operation (ON/OFF)
Single switch operation to change the fuel.
Combustion head is designed for high performance and low emission in gas as well as in oil operation.
Manual Air, Oil and Gas flow adjustment.
Burner Mounted control panel containing all electrical burner sequence and safety controls .
Electrical connections with 7 pole Male - female socket set allowing all Indications to machine panel.
All regulation and setting devices are simple and practical for both fuels, easy access to every part of the burner makes an easy maintenance procedure .
Gear pump with pressure regulator.
Monoblock electrodes for easy and steady installation in to the nozzle even after maintenance .
Completely sealed aluminium casing wrapped with a new modern design cover.
Compact in overall dimensions.
Compatible with any type of combustion chamber .
Enjoy the benefit of price difference of fuels. By using a dual fuel burner we can save considerable running cost as compare to single fuel burner.
Continuous Ventilation available on request. either by continuous blower or by compressed air connection.
Standard version running on manual fuel selection mode and on request automatic fuel changeover is available. The automatic changeover system can be trigged by gas pressure or by a timer.

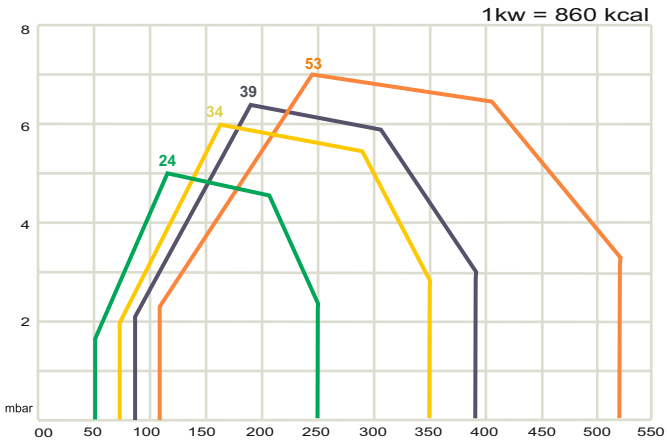
"DLX" Dual Fuel Burners - Models / Range

Model	Burner Output				Gasflow Rate		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.	
DLX 8 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
DLX 13 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	2.0	10.0	"
DLX 14 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 15.0	2.6 - 11.0	3.0	12.5	"
DLX 17 SH/EH/CH	40	34,400	180	1,54,800	4.0 - 18.0	3.0 - 13.5	3.5	15.5	"
DLX 24 SH/EH/CH	50	43,000	250	2,15,000	5.0 - 25.0	4.0 - 19.0	4.0	21.0	"
DLX 34 SH/EH/CH	70	60,200	350	3,01,000	7.0 - 35.0	5.0 - 26.0	6.0	29.5	"
DLX 39 SH/EH/CH	80	68,800	390	3,35,400	8.0 - 39.0	6.0 - 29.0	7.0	33.0	"
DLX 53 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

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 - " DLX " Series Dual Fuel Burners

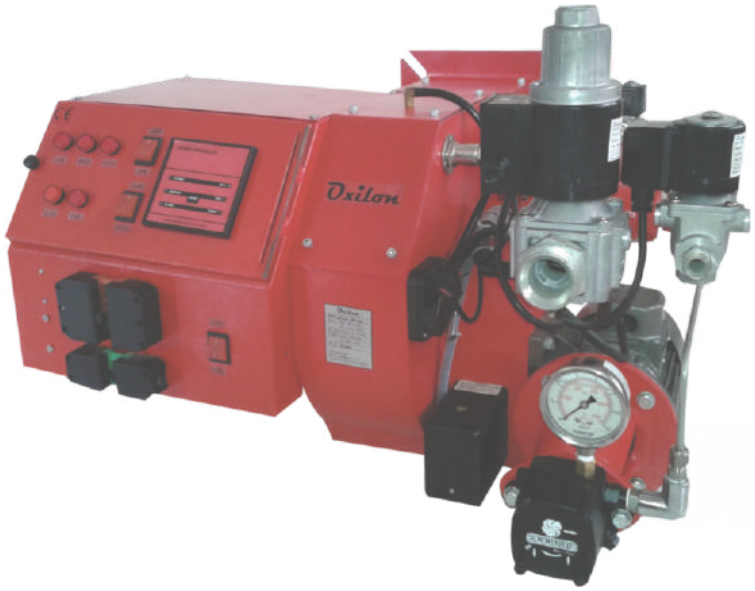




The diagrams are purely illustrative. In practice, there may be considerable differences due to the following factors ; (i) The capacity of the burner to exceed the over pressure when switched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

"ABDX" Series Dual Fuel Burners

Series description –
Two Stage Dual Fuel Burners
(Light Oil & Gas)



Technical & Functional Features

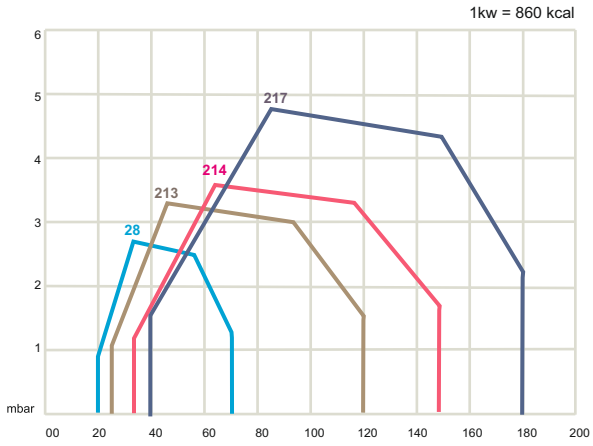
Two Stage Operation (High /Low)
Dual fuel burner for Natural gas, L.P.G., H.S.D., L.D.O., and Diesel.
Available for Pyrolysis Oil & Kerosene
Available for Biogas, Town gas & Producer gas.
Hi- Low version with electric servomotor and integrated systems for the regulation of air, gas and light Oil with nozzle.
Single nozzle Hi-Low version available up to ABDX 239
Two nozzle Hi-Low version available From ABDX 253 to ABDX 2175.
Dual Fuel burner suitable to burn gas as well as light oil.
Manual Oil Flow Adjustment.
Independent gas flow adjustment for each single valve.
Compatible with any type of combustion chamber.
Compact in overall dimensions.
Single switch operation to change the Fuel.
Monoblock casing is manufactured from high tensile aluminium. The design offers easy access to every single component, an important factor when comes repairing, cleaning or servicing the burner.
Combustion head is designed for high performance and low emission in gas as well as in oil operation.
Continuous Ventilation available on request. either by continuous blower or by compressed air connection.
Gear pump with pressure regulator.
Enjoy the benefit of price difference of fuels. By using a duel fuel burner we can save considerable running cost as compare to single fuel burner.
User friendly burners, there are plugs which can be easily connected to the electrical supply line .
Burner Mounted control panel containing all electrical burners sequence and safety controls
Standard version running on manual fuel selection mode and on request automatic fuel changeover is available. The automatic changeover system can be trigged by gas pressure or by a timer.

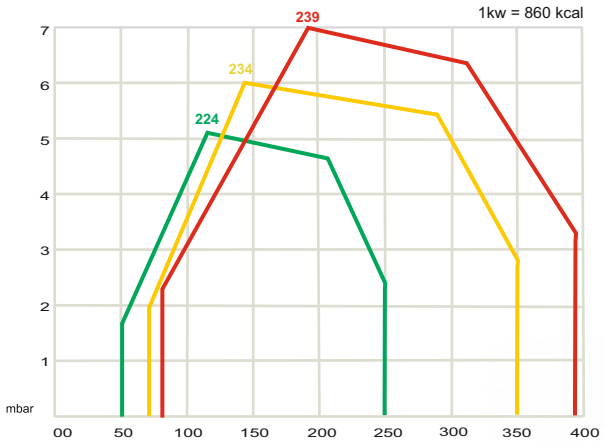
"ABDX" Dual Fuel Burners - Models / Range

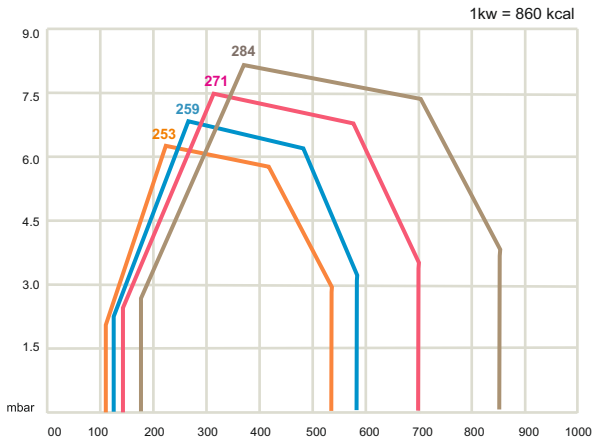
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Nm^3/hr.	Kg./hr.	Min.	Max.	
ABDX 28 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.7	6.0	230 V, 1 Ph
ABDX 213 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	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	"

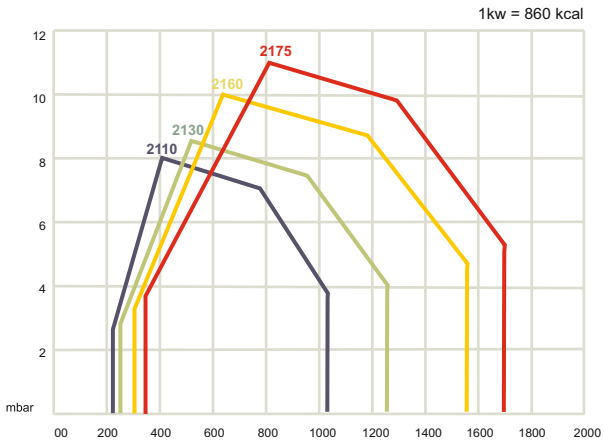
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

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.

"DMDX" Series Dual Fuel Burners

Series description -
Fully Modulating Dual Fuel Burners
(Light Oil & Gas)

Technical & Functlonal Features

Stepless fully modulating operation over the range .
Dual fuel burners for Natural gas, L.P.G., H.S.D., L.D.O., and Diesel.
Available for Pyrolysis Oil & Kerosene.
Available for Biogas, Town gas & Producer gas.
Modulating version with PID system controller with digital set point display and real time value .
Modulating version with electrical servomotor and double adjustable mechanical cam that allows air, gas and oil fine tuning .
Standard version running on manual fuel selection mode and on request automatic fuel changeover is available. The automatic changeover system can be trigged by gas pressure or by timer.
New high efficiency fan ventilator designed to give flame stability and and easy matching .
Compatible with any type of combustion chamber .
Compact in overall dimensions.
Completely sealed aluminium casing wrapped with a new modern design cover.
Dual fuel burner are suitable to burn gas as well as light oil.
7 pole and 4 pole outlet for burner electrical and thermostat supply.
Burner Mounted control panel containing all electrical burner sequence and safety controls .
Gear pump with pressure regulator.
Enjoy the benefit of price difference of fuels. By using a duel fuel burner we can save considerable running cost as compare to single fuel burner.

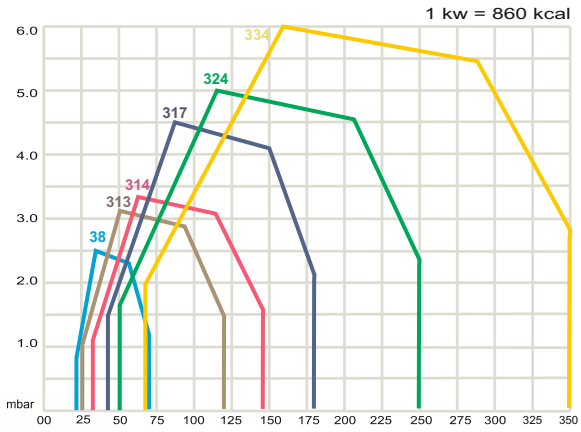
"DMDX" Dual Fuel Burners - Models / Range

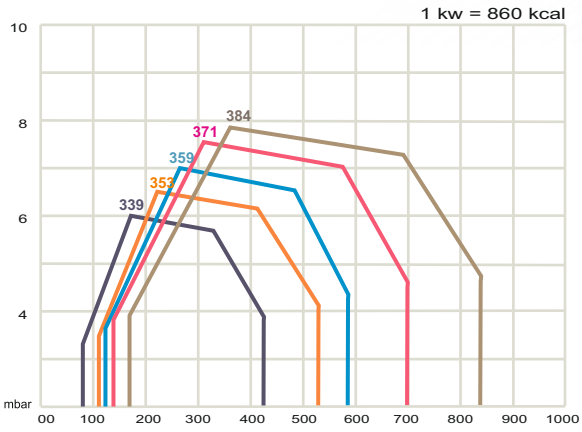
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Nm^3/hr.	Kg./hr.	Min.	Max.	
DMDX 38 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.7	6.0	230 V, 1 Ph
DMDX 313 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	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	"

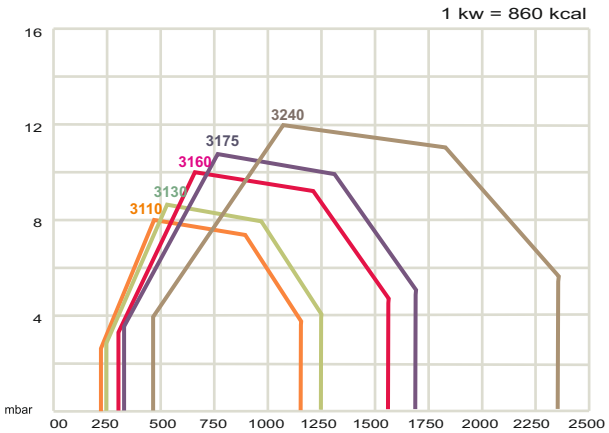
Model	Burner Output				Gasflow Rate		Oil Flow Rate		
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Nm^3/hr.	Kg./hr.	Min.	Max.	
DMDX 3160 SH/EH/CH	310	2,66,600	1570	13,50,200	31.0 - 157.0	23.0 - 117.4	26.0	132.5	230 - 440 V, 3 Ph
DMDX 3175 SH/EH/CH	340	2,92,400	1700	14,62,000	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	"

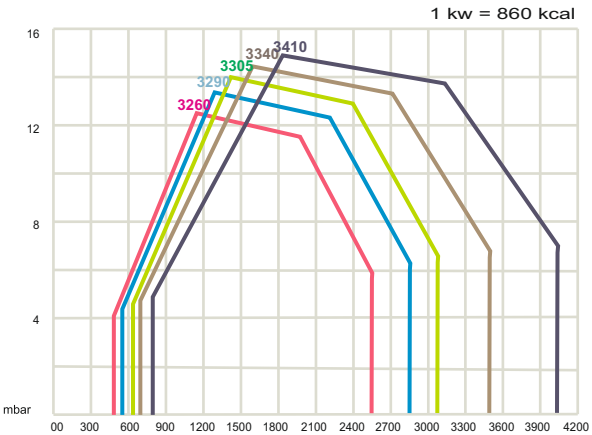
The diagrams are purely illustrative, In practice, there may be considerable difference due to the following factors ; (i) The capacity of the burner to exceed the over pressure when swithched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

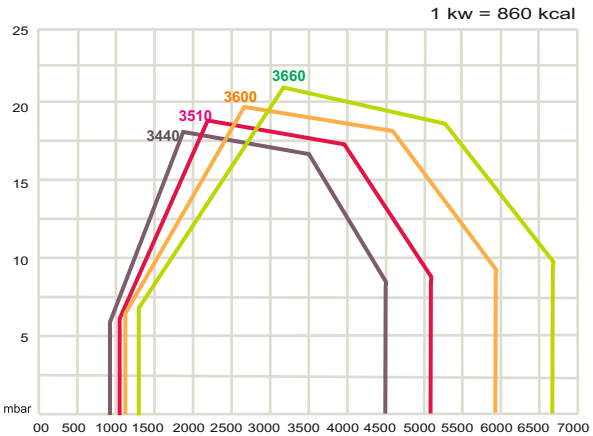
Performance Curves / Back pressure Graphs - " DMDX " Series Dual Fuel Burners

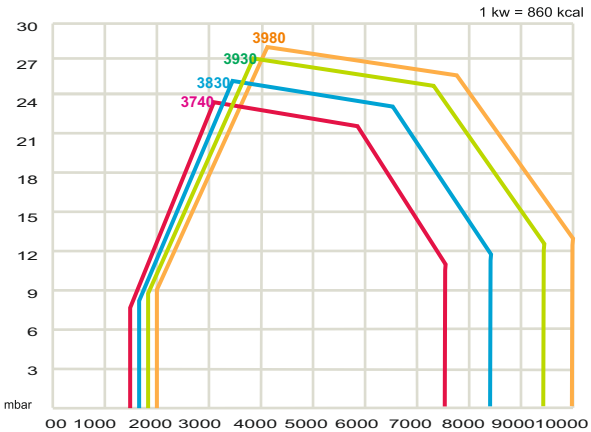












The diagrams are purely illustrative, In practice, there may be considerable difference due to the following factors ; (i) The capacity of the burner to exceed the over pressure when swithched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

"OH" Series Heavy Oil Burners

Series description -
Single Stage Heavy Oil Burners

Technical and functional features

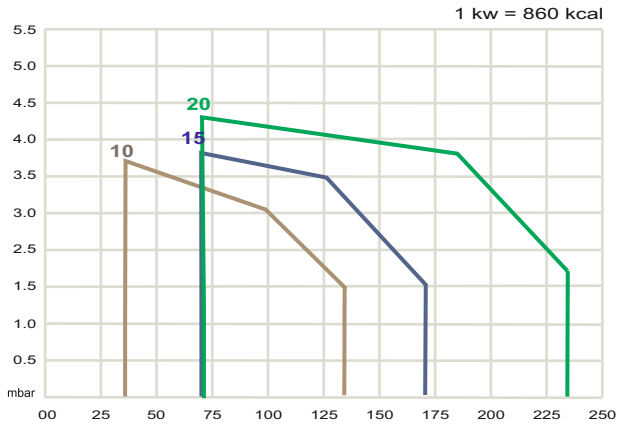
Single Stage Operation (ON/OFF)
Oil Burner for furnace Oil upto 50`E.
All Burners Complete with pre - heater management system.
Adjustable Combustion Head for fine tune regulation and matching with different combustion chamber.
All Burners feature high versatility on different type of domestic, commercial and industrial application.
Compact in overall dimensions
Ring systems for Oil preparation can be designed and supply on request.
Photo resistance flame scanner .
User friendly burners, there are plugs which can be easily connected to the electrical supply line .
Monoblock electrodes for easy and steady installation into the nozzle even after maintenance .
Completely sealed aluminum casing wrapped with a New Modern Design cover.
Continuous Ventilation available on request.

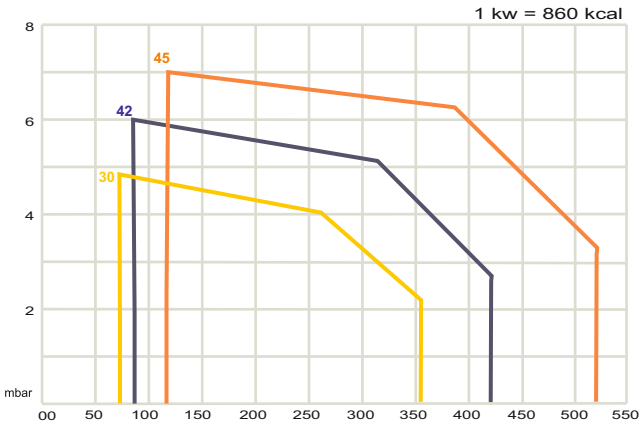
"OH" Series Heavy Oil Burners Models / Range

Model	Burner Output				Oil Flow Rate		Power Supply
	Min.		Max.		Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
OH 10 SH/EH/CH	35	30,100	130	1,11,800	3.0	11.4	230 V, 1 Ph
OH 15 SH/EH/CH	71	61,060	170	1,50,500	6.2	15.3	"
OH 20 SH/EH/CH	71	61,060	235	2,02,100	6.2	20.6	"
OH 30 SH/EH/CH	95	81,700	356	3,06,160	8.3	31.2	"
OH 42 SH/EH/CH	110	94,600	395	3,39,700	9.6	34.6	"
OH 45 SH/EH/CH	150	1,29,000	533	4,58,380	13.1	47.0	230 - 440 V, 3 Ph

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 - "OH" Series Heavy Oil 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.

"ABH" Series Heavy Oil Burners

Series description –
Two Stage Heavy Oil Burners

Technical and functional features

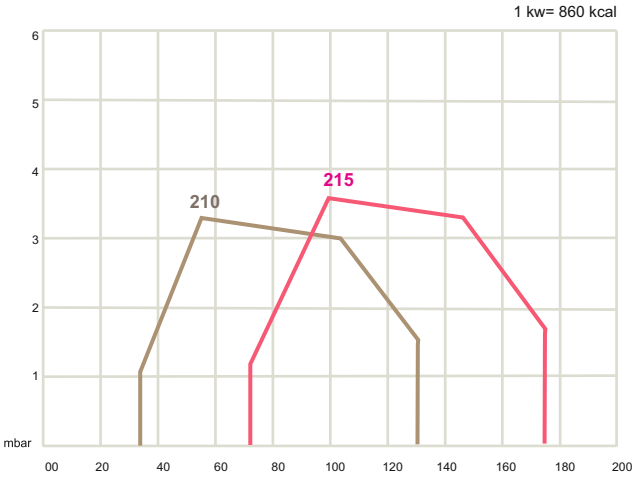
Two Stage Operation (High/Low)
Oil Burner for furnace Oil upto 50`E.
All Burners Complete with pre - heater management system.
Hi-Low version with electric servomotor and integrated systems for the regulation of air and Light Oil with nozzle.
Single nozzle HI-Low version available up to ABH 242.
Two nozzle Hi-Low version available ABH 245 to 2165.
Three nozzle Hi-Low version available in ABH 2235 and 2255.
Ring systems for Oil preparation can be designed and supply on request.
Adjustable Combustion head for fine tune regulation and matching with different shapes of combustion chamber.
High Pressure Mechanical atomisation of fuel using Nozzle.
Monoblock casing is Manufactured from high tensile aluminium the design offers easy access to every single component, an important factor when comes repairing, cleaning or servicing the burner.
Compact in overall dimensions
7 pole -4 pole outlet for burner Electrical supply.
All Burners feature high versatility on different type of domestic, commercial and industrial application.
Photoresistance flame scanner.
Continuous Ventilation available on request

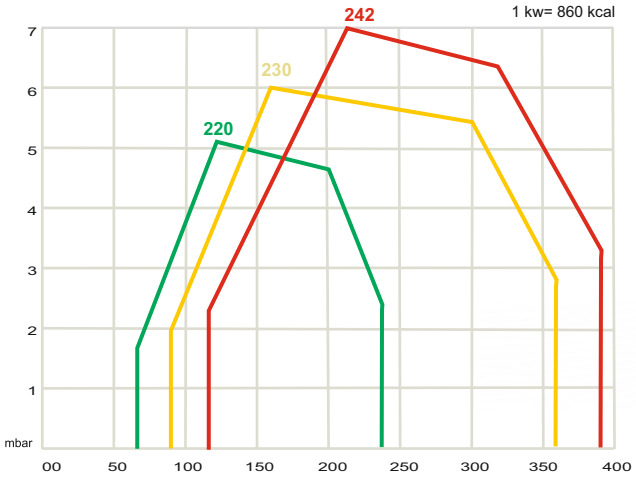
"ABH" Series Heavy Oil Burners Models / Range

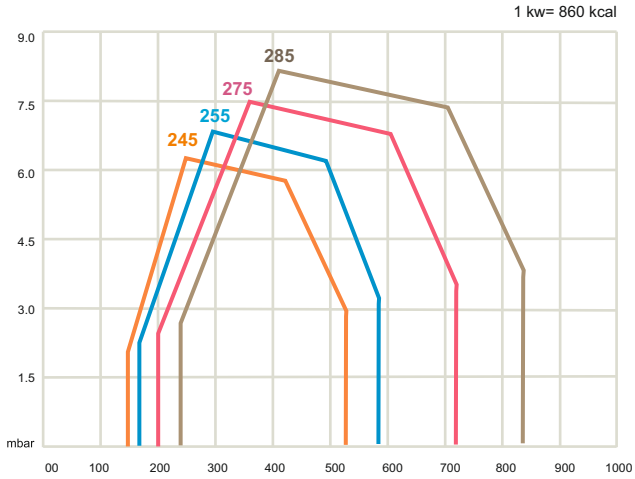
Model	Burner Output				Flow Rate		Power Supply
	Min.		Max.		Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
ABH 210 SH/EH/CH	35	30,100	130	1,11,800	3.0	11.5	230 V, 3 Ph
ABH 215 SH/EH/CH	71	61,060	175	1,50,500	6.2	15.3	"
ABH 220 SH/EH/CH	71	61,060	235	2,02,100	6.2	20.6	"
ABH 230 SH/EH/CH	95	81,700	356	3,06,160	8.3	31.2	"
ABH 242 SH/EH/CH	110	94,600	395	3,39,700	9.6	34.6	"
ABH 245 SH/EH/CH	150	1,29,000	533	4,58,380	13.1	47.0	230 - 440 V, 3Ph
ABH 255 SH/EH/CH	170	1,46,200	593	5,09,980	15.0	52.0	"
ABH 275 SH/EH/CH	200	1,72,000	710	6,10,600	17.5	62.3	"
ABH 285 SH/EH/CH	235	2,02,100	830	7,13,800	20.6	73	"
ABH 2105 SH/EH/CH	270	2,32,200	1050	9,03,000	23.6	92	"
ABH 2120 SH/EH/CH	350	3,01,000	1245	10,70,700	31.0	110	"
ABH 2155 SH/EH/CH	440	3,78,400	1540	13,24,400	38.6	135	"
ABH 2165 SH/EH/CH	470	4,04,200	1660	14,27,600	41.2	145.6	"
ABH 2235 SH/EH/CH	475	4,08,500	2372	20,39,920	41.6	208	"
ABH 2255 SH/EH/CH	500	4,30,000	2510	21,58,600	44.0	220	"

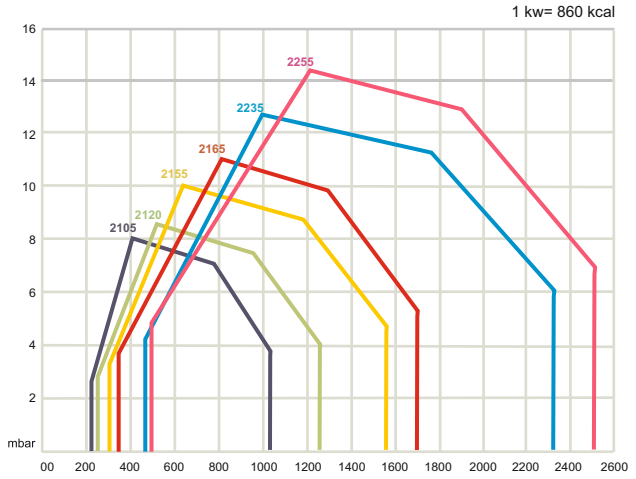
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / back Pressure - ABH Series Heavy Oil 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.

"HMD" Series Heavy Oil Burners

Series description -
Modulating Heavy Oil Burners

Technical and functional features

Stepless Fully Modulating operation over the range.
Oil Burner for furnace Oil upto 50`E.
Modulation version with PID system controller with digital set point display and real time value .
New designed proportional pressure ratio system for the modulation Version MD.
All Burners Complete with pre - heater management system.
Completely sealed aluminium casing wrapped with a New Modern Design cover.
Adjustable combustion head for fine tune regulation and matching with different shapes of combustion chamber.
User friendly burners, there are plugs which can be easily connected to the electrical supply line .
Compatible with any type of combustion chamber .
Compact in overall dimensions.
Photoresistance flame scanner.
Ring systems for Oil preparation can be designed and supply on request.
High Pressure Mechanical atomisation of fuel using Nozzle.
Continuous Ventilation available on request.
New high efficiency Fan ventilator designed to give flame stability and and easy matching .

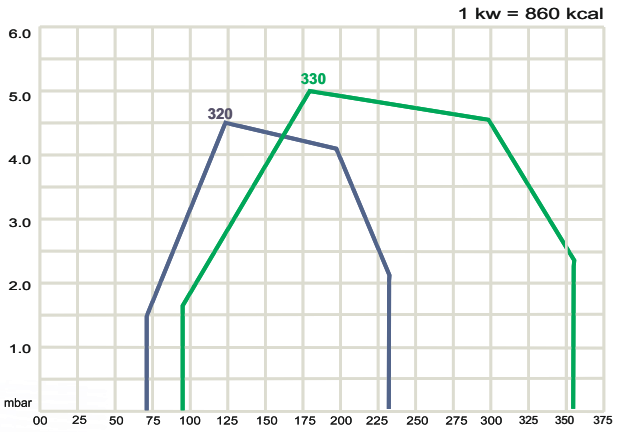
"HMD" Series Heavy Oil Burners Models / Range

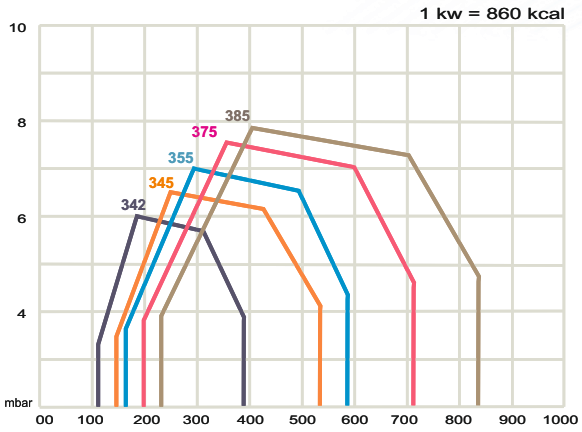
Model	Burner Output				Flow Rate Kg. / hr.		Power Supply
	Min.		Max.				
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
HMD 320 SH/EH/CH	71	61,060	235	2,02,100	6.2	20.6	230 V, 1 Ph
HMD 330 SH/EH/CH	95	81,700	356	3,06,160	8.3	31	"
HMD 342 SH/EH/CH	110	94,600	395	3,39,700	9.6	34.6	"
HMD 345 SH/EH/CH	150	1,29,000	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	"

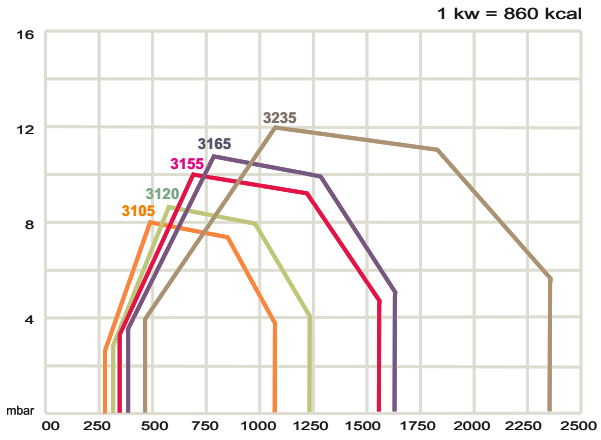
Model	Burner Output				Flow Rate Kg. / hr.		Power Supply
	Min.		Max.				
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	Min.	Max.	
HMD 3235 SH/EH/CH	475	4,08,500	2372	20,39,920	42	208	230 - 440 V, 3 Ph
HMD 3255 SH/EH/CH	500	4,30,000	2510	21,58,600	44	220	"
HMD 3275 SH/EH/CH	570	4,90,200	2850	24,51,000	50	250	"
HMD 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	"

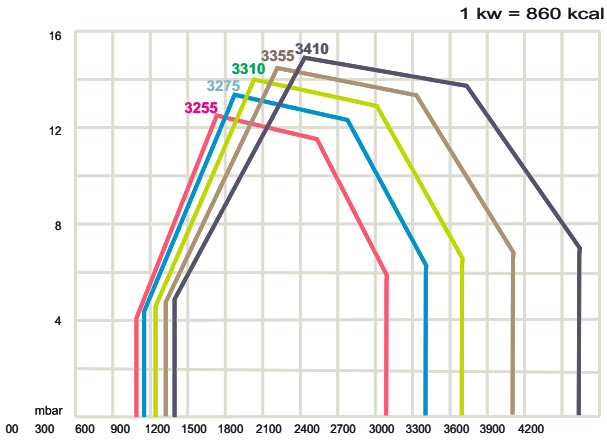
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

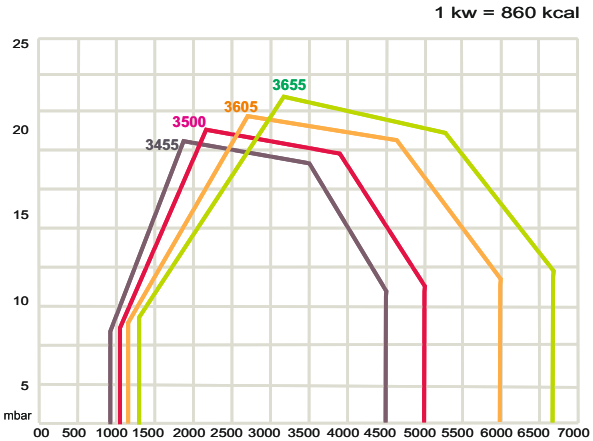
Performance Curves / back Pressure – "HMD" Series Heavy Oil burners

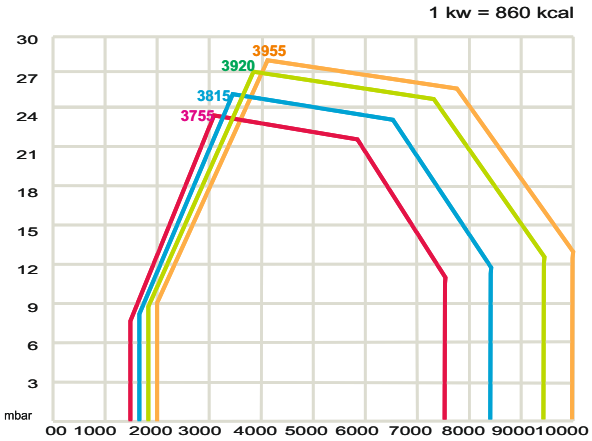












The diagrams are purely illustrative, In practice, there may be considerable difference due to the following factors ; (i) The capacity of the burner to exceed the over pressure when swithched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

"DLXZ" Series Dual Fuel Burners

Series description –
Single Stage Dual Fuel Burners
(Heavy Oil & Gas)

Technical & Functional Features

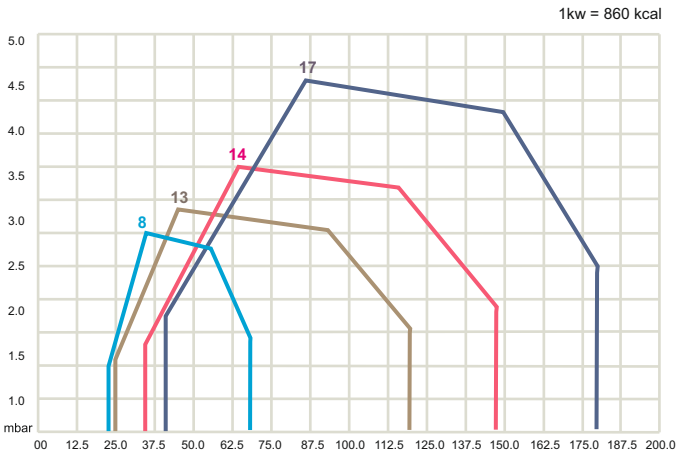
Dual fuel burners are suitable to burn gas as well as Heavy oil.
Dual fuel burner for Natural gas,L.P.G.,and Heavy Oil
All burners Complete with Pre-heater management systems.
Available For Bio-gas,Town gas & Producer gas.
Burner for furnace Oil upto 50`E.
Single Stage Operation (ON/OFF)
Single switch operation to change the Fuel.
Combustion head is designed for high performance and low emission in gas as well as in oil operation.
Manual Air,Oil,and Gas Flow adjustment .
Ring systems for Oil preparation can be designed and supply on request.
Photo resistance flame scanner .
All Burners feature high versatility on different type of domestic, commercial and industrial application.
Burner Mounted control panel containg all electrical burners sequence and safety controls .
All regulation and setting devices are simple and practical for both fuels ,easy access to every part of the burner makes an easy maintenance procedure .
Completely sealed aluminium casing wrapped with a New Modern Design cover.
Electrical connections with 7 pole Male - female socket set allowing all Indications to machine panel.
Compact in overall dimensions
Continuous Ventilation available on request. Either by continuous blower or by compressed air connection.
Standard version running on manual fuel selection mode and on request automatic fuel changeover is available. The automatic changeover system can be trigged by gas pressure or by a timer
Enjoy the benefit of price difference of fuels by using a duel fuel burner we can save considerable running cost as compare to single fuel burner.

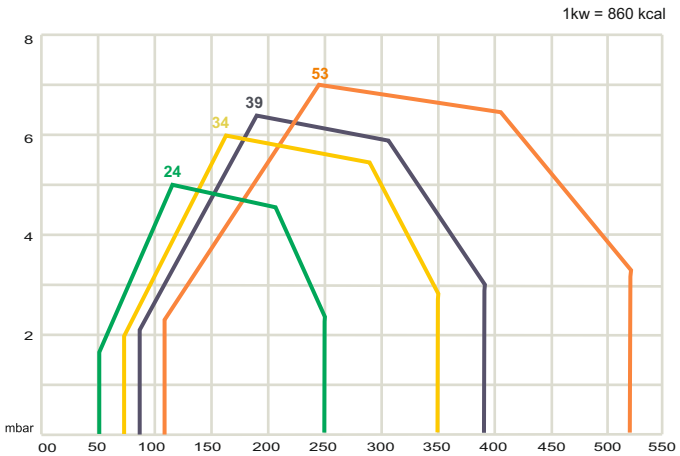
"DLXZ" Dual Fuel Burners - Models/Range

Model	Burner Output				Gasflow Rate		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.	
DLXZ 8 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.8	6.3	230 V, 1 Ph
DLXZ 13 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	2.2	10.8	"
DLXZ 14 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 15.0	2.6 - 11.0	3.1	13.3	"
DLXZ 17 SH/EH/CH	40	34,400	180	1,54,800	4.0 - 18.0	3.0 - 13.5	3.6	16.2	"
DLXZ 24 SH/EH/CH	50	43,000	250	2,15,000	5.0 - 25.0	4.0 - 19.0	4.5	22.6	"
DLXZ 34 SH/EH/CH	70	60,200	350	3,01,000	7.0 - 35.0	5.0 - 26.0	6.3	31.6	"
DLXZ 39 SH/EH/CH	80	68,800	390	3,35,400	8.0 - 39.0	6.0 - 29.0	7.2	35.3	"
DLXZ 53 SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53.0	8.0 - 40.0	9.4	48	230 - 440 V, 3 Ph

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 - DLXZ Series Dual Fuel Burners

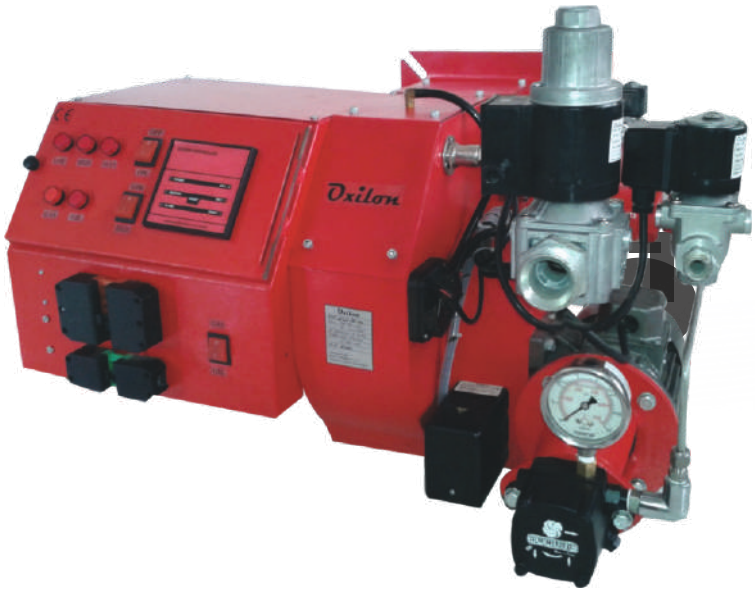




The diagrams are purely illustrative. In practice, there may be considerable differences due to the following factors ; (i) The capacity of the burner to exceed the over pressure when switched ON which varies from boiler to boiler and chamber to chamber. (ii) The considerable thermal load of the combustion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

"ABXZ" Series Dual Fuel Burners

Series description –
Two Stage Dual Fuel Burners
(Heavy Oil & Gas)



Technical & Functional Features

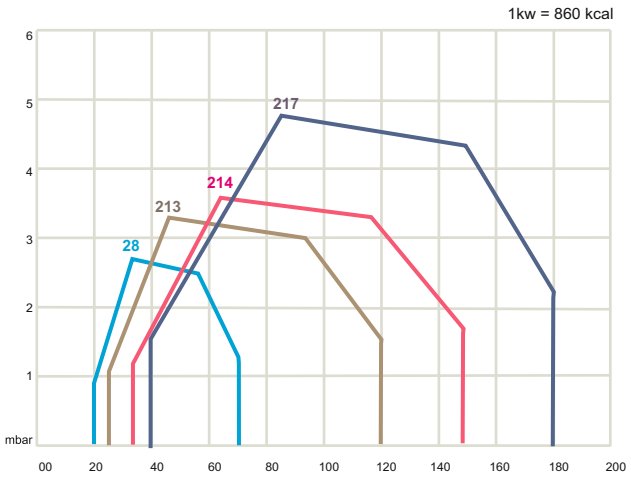
Two Stage Operation (High /Low)
Dual fuel burner for Natural gas, ,L.P.G. and Heavy Oil.
All Burners Complete with pre - heater management system.
Available For Bio-gas,Town gas & Producer gas.
Dual Fuel burner suitable to burn gas as well as Heavy oil.
HI-Low version with electric servomotor and integrated systems for the regulation of air, gas and Heavy Oil with nozzle.
Manual Oil Flow Adjustment.
Independent gas flow adjustment for each single valve.
Combustion head is designed for high performance and low emission in gas as well as in oil operation.
Two nozzle Hi-Low version available up to ABXZ 2175.
Three nozzle Hi-Low version available in ABXZ 2240 and ABXZ 2260.
Ring systems for Oil preparation can be designed and supply on request.
Single switch operation to change the Fuel.
Compact in overall dimensions.
Compatible with any type of combustion chamber .
Adjustable Combustion Head for Fine Tune Regulation and matching with different combustion chamber.
Completely sealed aluminium casing wrapped with a new modern design cover.
User friendly burners, there are plugs which can be easily connected to the electrical supply line.
Standard version running on manual fuel selection mode and on request automatic fuel changeover is available. The automatic changeover system can be trigged by gas pressure or by a timer.

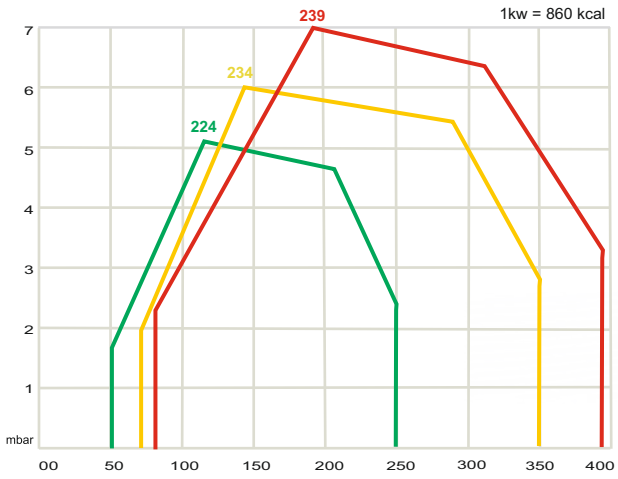
"ABXZ" Dual Fuel Burners-Models/Range

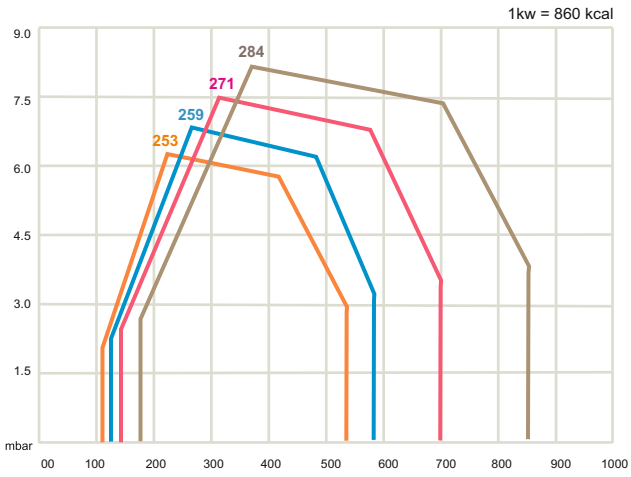
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	Min.	Max.	
ABXZ 28 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.8	6.3	230 V, 1 Ph
ABXZ 213 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	2.2	10.8	"
ABXZ 214 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 15.0	2.6 - 11.0	3.1	13.3	"
ABXZ 217 SH/EH/CH	40	34,400	180	1,54,800	4.0 - 18.0	3.0 - 13.5	3.6	16.2	"
ABXZ 224 SH/EH/CH	50	43,000	250	2,15,000	5.0 - 25.0	4.0 - 19.0	4.5	22.6	"
ABXZ 234 SH/EH/CH	70	60,200	350	3,01,000	7.0 - 35.0	5.0 - 26.0	6.3	31.6	"
ABXZ 239 SH/EH/CH	80	68,800	390	3,35,400	8.0 - 39.0	6.0 - 29.0	7.2	35.3	"
ABXZ 253 SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53.0	8.0 - 40.0	9.4	48	230 - 440 V, 3 Ph
ABXZ 259 SH/EH/CH	120	1,03,200	590	5,07,400	12.5 - 59.0	9.0 - 44.0	10	53	"
ABXZ 271 SH/EH/CH	140	1,20,400	700	6,02,000	14.0 - 70.0	10.5 - 52.4	12.6	63	"
ABXZ 284 SH/EH/CH	170	1,46,200	840	7,22,400	17.0 - 84.0	13.0 - 63.0	15.3	76	"
ABXZ 2110 SH/EH/CH	220	1,89,200	1110	9,54,600	22.0 - 111.0	16.5 - 83.0	20	100	"
ABXZ 2130 SH/EH/CH	250	2,15,000	1250	10,75,000	25.0 - 125.0	19.0 - 93.5	22.6	113	"
ABXZ 2160 SH/EH/CH	310	2,66,600	1570	13,50,200	31.0 - 157.0	23.0 - 117.4	28	142	"
ABXZ 2175 SH/EH/CH	340	2,92,400	1700	14,62,000	34.0 - 170.0	25.5 - 127.0	30	154	"
ABXZ 2240 SH/EH/CH	470	4,04,200	2350	20,21,000	47.0 - 235.0	35.2 - 176.0	42.5	213	"
ABXZ 2260 SH/EH/CH	510	4,38,600	2520	21,67,200	51.0 - 252.0	38.0 - 188.5	46.1	228.1	"

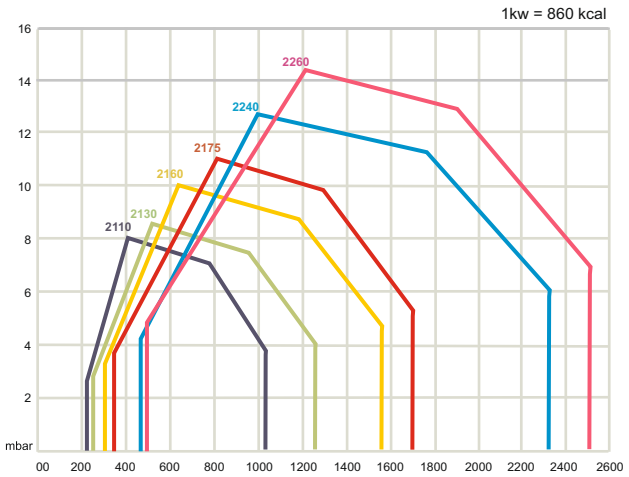
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

Performance Curves / Back Pressure Graphs - ABXZ 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.

"MDXZ" Series Dual Fuel Burners

Series description –
Fully Modulating Dual Fuel Burners
(Heavy Oil & Gas)

Technical & Functional Features

Stepless fully modulating operation over the range
Dual fuel burner for Natural gas, L.P.G and Heavy Oil Up to 50`E
Available For Bio-gas,Town gas & Producer gas.
Modulating version with PID system controller with digital set point display And real time value .
Modulating version with electrical servomotor and double adjustable mechanical cam that allows air, gas and oil fine tuning .
All burners Complete with Pre-heater management systems.
Standard version running on manual fuel selection mode and on request automatic fuel changeover is available. The automatic changeover system can be triggered by Gas pressure or by a timer.
Ring systems for Oil preparation can be designed and supply on request.
Gear pump with pressure regulator.
Burner Mounted control panel containing all electrical burners sequence and safety controls .
Electrical Connection with 7 pole and 4 pole Male - Female socket set allowing all indications to machine panel.
Compact in overall dimensions.
Compatible with any type of combustion chamber.
New high efficiency fan ventilator designed to give flame stability and and easy matching .
Enjoy the benefit of price difference of fuels. By using a dual fuel burner we can save considerable running cost as compare to single fuel Burners.
Continuous Ventilation available on request. Either by continuous blower or by compressed air connection.

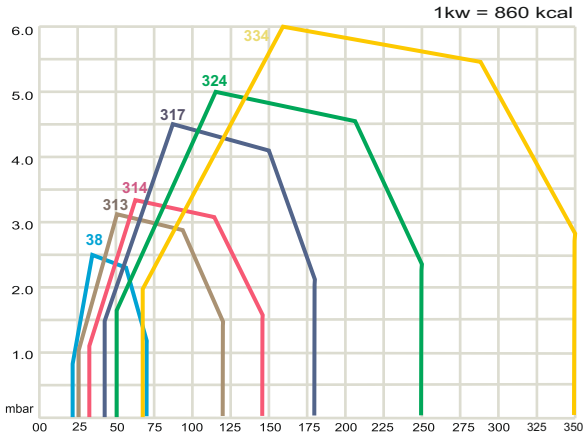
"MDXZ" Dual Fuel Burners-Models/Range

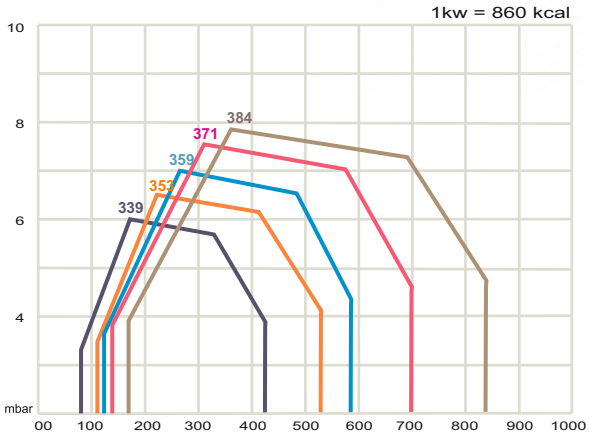
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	Min.	Max.	
MDXZ 38 SH/EH/CH	20	17,200	70	60,200	2.0 - 7.0	1.5 - 5.0	1.8	6.3	230 V, 1 Ph
MDXZ 313 SH/EH/CH	25	21,500	120	1,03,200	2.5 - 12.0	2.0 - 9.0	2.2	10.8	"
MDXZ 314 SH/EH/CH	35	30,100	148	1,27,280	3.5 - 15.0	2.6 - 11.0	3.1	13.3	"
MDXZ 317 SH/EH/CH	40	34,400	180	1,54,800	4.0 - 18.0	3.0 - 13.5	3.6	16.2	"
MDXZ 324 SH/EH/CH	50	43,000	250	2,15,000	5.0 - 25.0	4.0 - 19.0	4.5	22.6	"
MDXZ 334 SH/EH/CH	70	60,200	350	3,01,000	7.0 - 35.0	5.0 - 26.0	6.3	31.6	"
MDXZ 339 SH/EH/CH	80	68,800	390	3,35,400	8.0 - 39.0	6.0 - 29.0	7.2	35.3	"
MDXZ 353 SH/EH/CH	105	90,300	530	4,55,800	10.5 - 53.0	8.0 - 40.0	9.4	48	230 - 440 V, 3 Ph
MDXZ 359 SH/EH/CH	120	1,03,200	590	5,07,400	12.5 - 59.0	9.0 - 44.0	11	53.4	"
MDXZ 371 SH/EH/CH	140	1,20,400	700	6,02,000	14.0 - 70.0	10.5 - 52.4	12.6	63.3	"
MDXZ 384 SH/EH/CH	170	1,46,200	840	7,22,400	17.0 - 84.0	13.0 - 63.0	15.3	76.0	"
MDXZ 3110 SH/EH/CH	220	1,89,200	1110	9,54,600	22.0 - 111.0	16.5 - 83.0	20	100.4	"
MDXZ 3130 SH/EH/CH	250	2,15,000	1250	10,75,000	25.0 - 125.0	19.0 - 93.5	22.6	113.1	"
MDXZ 3160 SH/EH/CH	310	2,66,600	1570	13,50,200	31.0 - 157.0	23.0 - 117.4	28.0	142.1	"
MDXZ 3175 SH/EH/CH	340	2,92,400	1700	14,62,000	34.0 - 170.0	25.5 - 127.0	30.7	154	"

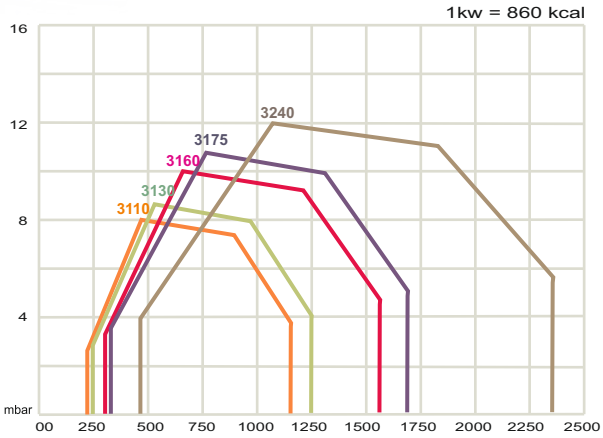
Model	Burner Output				Gasflow Rate		Oil Flow Rate		Power Supply
	Min.		Max.		N. Gas	L.P.G.	Kg. / hr.		
	Kw/hr.	Kcal/hr.	Kw/hr.	Kcal/hr.	$Nm^3/hr.$	Kg./hr.	Min.	Max.	
MDXZ 3240 SH/EH/CH	470	4,04,200	2350	20,21,000	47.0 - 235.0	35.2 - 176.0	42.5	213	230 - 440 V, 3 Ph
MDXZ 3260 SH/EH/CH	510	4,38,600	2520	21,67,200	51.0 - 252.0	38.0 - 188.5	46.1	228.1	"
MDXZ 3290 SH/EH/CH	570	4,90,200	2850	24,51,000	57.0 - 285.0	42.6 - 213.1	51.6	258	"
MDXZ 3305 SH/EH/CH	630	5,41,800	3150	27,09,000	63.0 - 315.0	47.1 - 235.6	57.0	285	"
MDXZ 3340 SH/EH/CH	700	6,02,000	3500	30,10,000	70.0 - 350.0	52.3 - 262.0	63.3	316	"
MDXZ 3410 SH/EH/CH	810	6,96,600	4050	34,83,000	81.0 - 405.0	60.6 - 303.0	73.3	366	"
MDXZ 3440 SH/EH/CH	900	7,74,000	4500	38,70,000	90.0 - 450.0	67.3 - 336.5	81.4	407	"
MDXZ 3510 SH/EH/CH	1010	8,68,600	5053	43,45,580	101.0 - 505.3	75.5 - 378.0	91.4	457	"
MDXZ 3600 SH/EH/CH	1180	10,14,800	5900	50,74,000	118.0 - 590.0	88.3 - 441.2	106.6	534.1	"
MDXZ 3660 SH/EH/CH	1340	11,52,400	6700	57,62,000	134.0 - 670.0	100.2 - 501.0	121.3	606.5	"
MDXZ 3740 SH/EH/CH	1500	12,90,000	7500	64,50,000	150.0 - 750.0	112.2 - 561.0	136	679	"
MDXZ 3830 SH/EH/CH	1680	14,44,800	8400	72,24,000	168.0 - 840.0	125.6 - 628.2	152	760.4	"
MDXZ 3930 SH/EH/CH	1880	16,16,800	9400	80,84,000	188.0 - 940.0	140.6 - 703.0	170	851	"
MDXZ 3980 SH/EH/CH	2000	17,20,000	10,000	86,00,000	200.0 - 1000.0	149.5 - 748.0	181	905.2	"

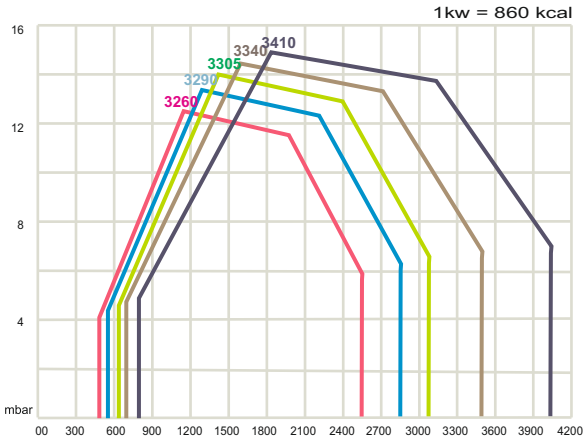
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

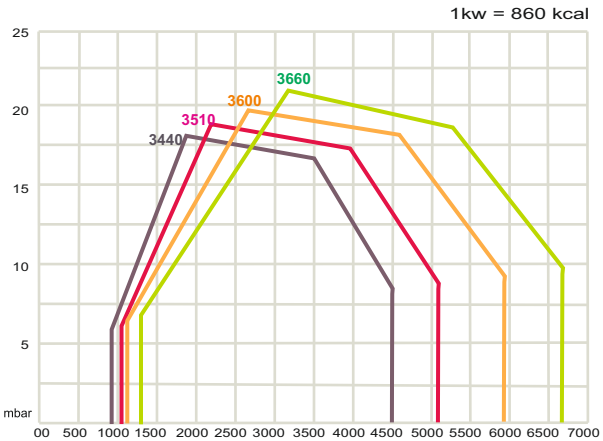
Performance Curves / Back Pressure Graphs - MDXZ Series Dual Fuel Burners

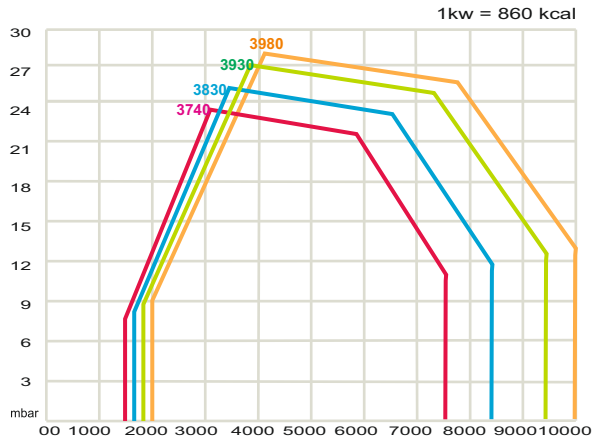












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Series description -
Bend Blast Tube Burners for Special Application
available in Gas, Oil and Dual Fuel Burners

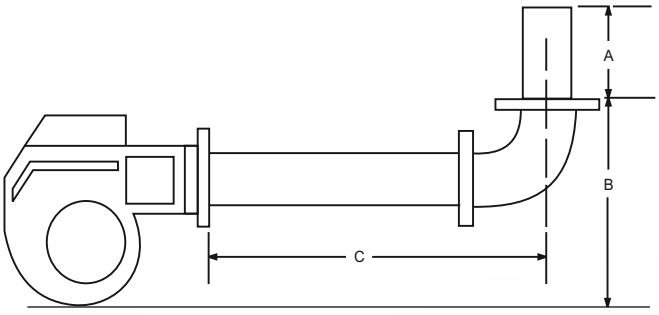
Some applications are not suit to monoblock standard tube burner, where atmosphere / machine is very hot or dusty. The "L" Series burners are designed for those applications.

Silent features :-

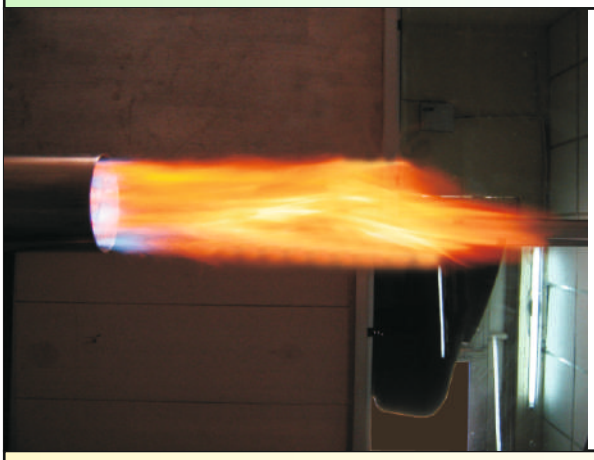
- # Available in customized tube size
- # All parts are safe as mounted on the burner body is far from the firing cone.
- # Available with all series burner
- # Easy in operation & maintenance
- # Wide output range as it covers all series burners

Long tube burner is consist of :-

Burner blower body with fan motor assembly
Combustion head with electric Ignition electrodes and flame safe-guard equipment.
Electric servo motors for control of fuel & combustion air flow in to the burner head with fully adjustable linkages and variable profile cams.
Gas valves unit / Oil pumping unit
Combustion oil pump mounted on common blower motor/ separate driver motor.
Burner mounted control panel containing all electrical burner sequence and safety Controls



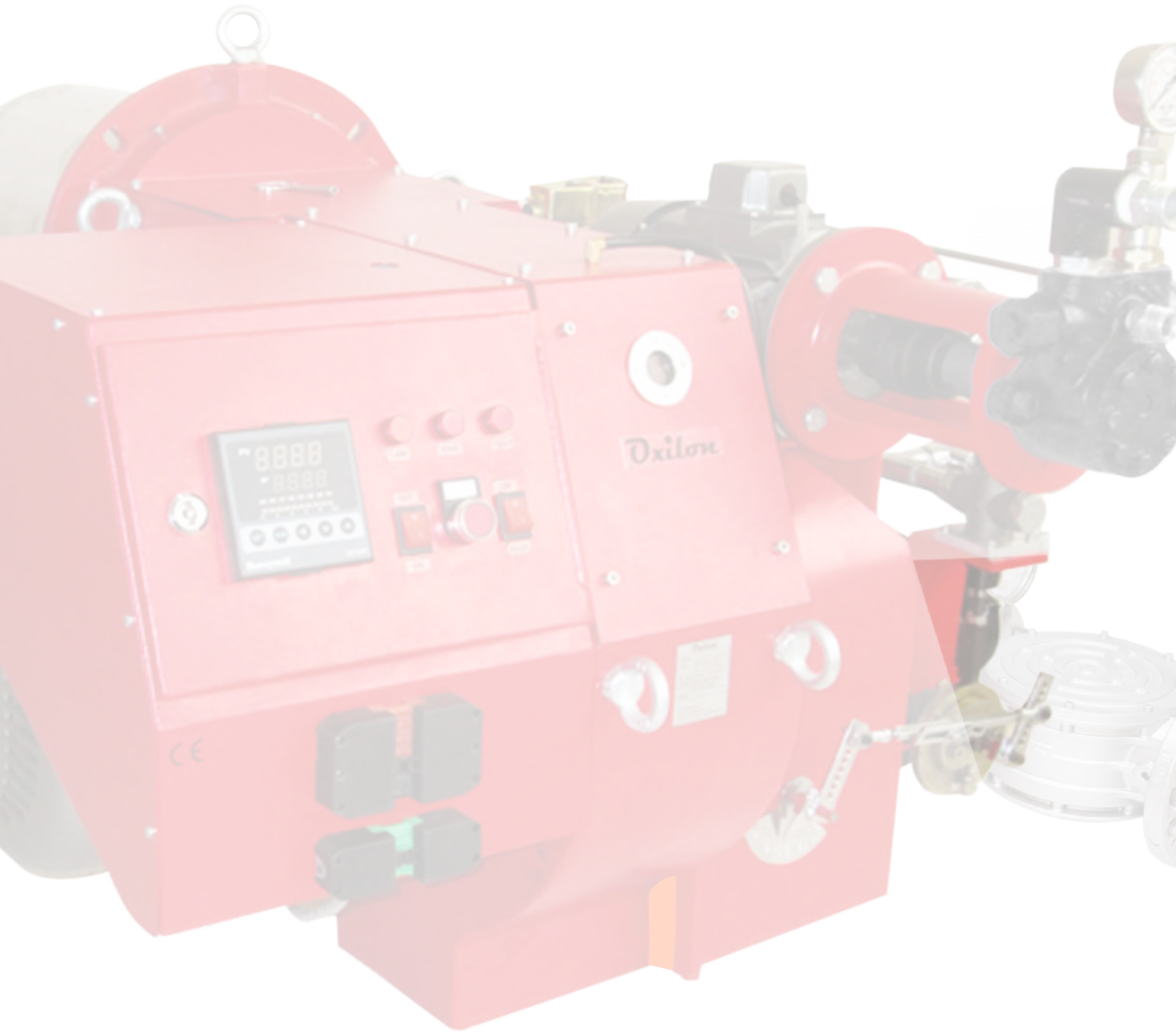
Quality par excellence
Best value for money



Energy efficient
Clean combustion

Safety standard
All parts 'CE' rated

Environment friendly
emmission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* We reserve the right to make any changes without prior notice.

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CE