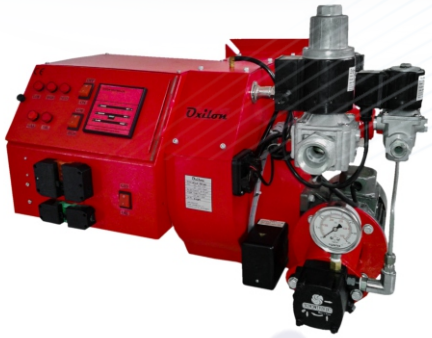
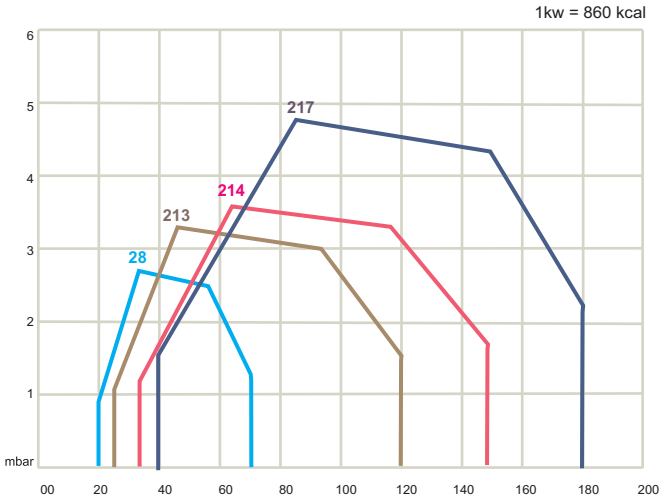
## "ABXZ" Dual Fuel Burners-Models/Range

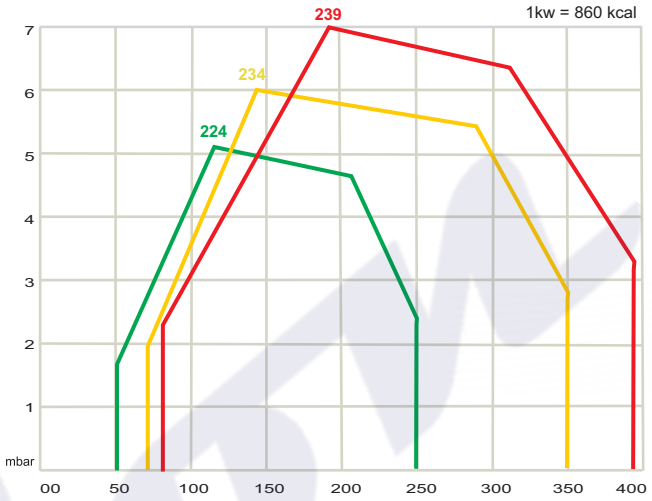


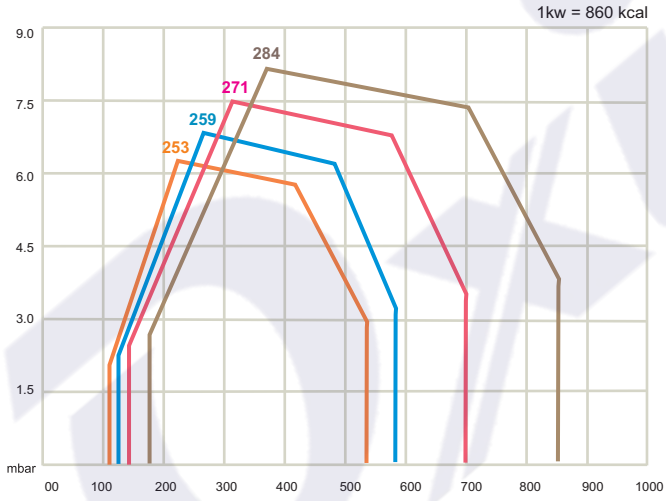
| Model | Burner Output | | | | Gasflow Rate | | Oil Flow Rate | | Power Supply |
|---|---|---|---|---|---|---|---|---|---|
| | Min. | | Max. | | N. Gas | L.P.G. | Kg. / hr. | | |
| | Kw/hr. | Kcal/hr. | Kw/hr. | Kcal/hr. | $Nm^3/hr.$ | Kg./hr. | Min. | Max. | |
| ABXZ 28 SH/EH/CH | 20 | 17,200 | 70 | 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 | " |

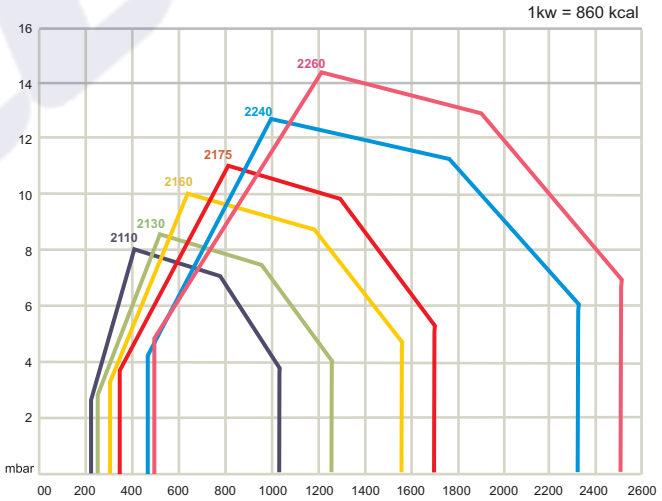
Dimensions of the burner are depends on the model selected, burner type & control action, and can be modified to meet the specific requirement of the application. Apart from the standard models, customized capacity & higher range models are available on customer request.

# 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.