



# Bentone Burners detailed ecodesign information



[www.bentone.com/ecodesign](http://www.bentone.com/ecodesign)

Ecodesign Directive 2009/125/EC

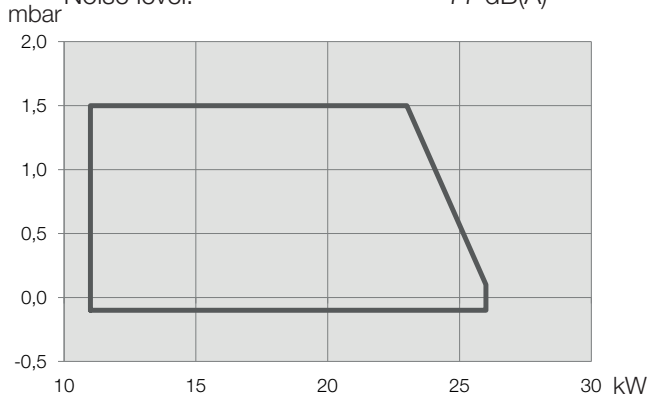
(regulations (EU) 811/2013, 812/2013, 813/2013, 814/2013 where applicable)

applies to following models, and shall also apply to the final boiler package.

BF 1 M1V 87-20	BF 1 FUV 63-16	B 1 RL 64-16	B 2 S 75-24	ST 133 L35
BF 1 N1V 56-14	BF 1 R 69-16	B 1 EOS	B 2 SV 75-24	ST 133 L55
BF 1 NU1V 60-14	BF 1 RV 69-16	B 1 L35	B 2 EOS	ST 133 EOS 62
BF 1 FU 63-16	BF 1 S 70-21	B 2 SL 70-21	B 2 L55	

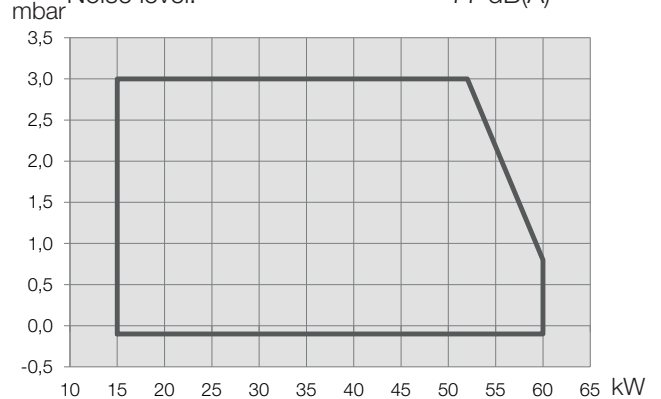
## BF1 M1V 87-20, class 3, EN 267

Maximum NOx value within the working range: 88 mg/kWh  
 Electrical Consumption: 246 W (elmax)  
 Noise level: 77 dB(A)



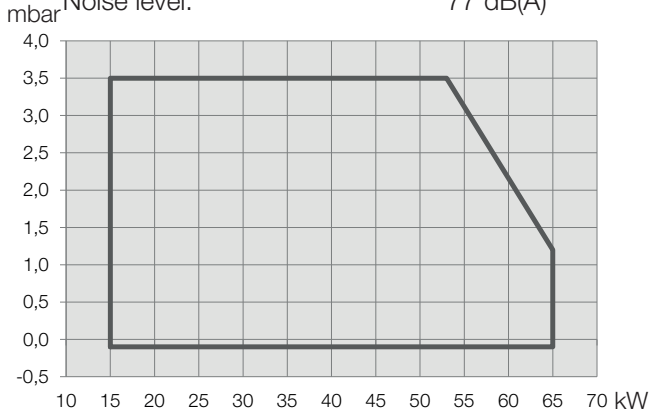
## BF1 N1V 56-14, class 3, EN 267

Maximum NOx value within the working range: 112 mg/kWh  
 Electrical Consumption: 246 W (elmax)  
 Noise level: 77 dB(A)



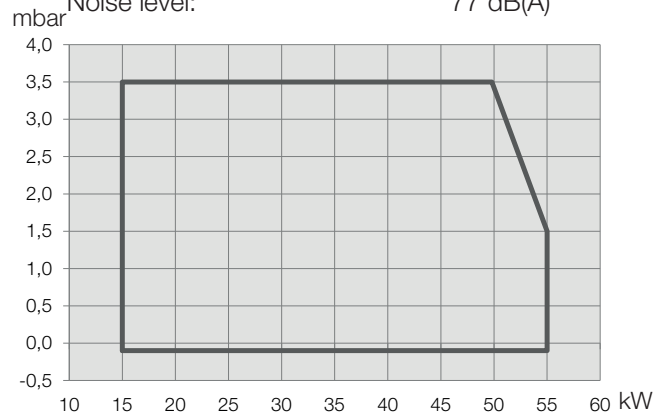
## BF1 NU1V 60-14, class 3, EN 267

Maximum NOx value within the working range: 119 mg/kWh  
 Electrical Consumption: 246 W (elmax)  
 Noise level: 77 dB(A)



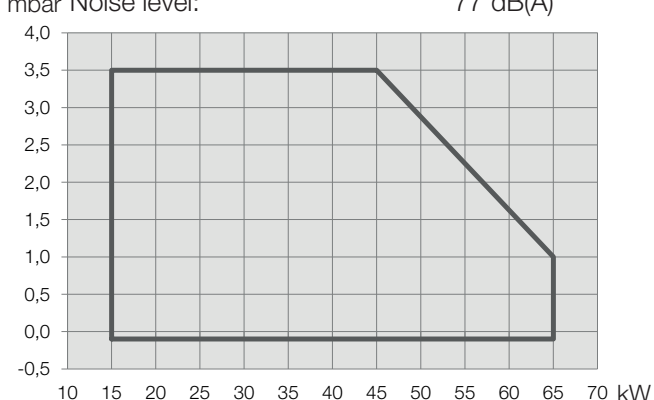
## BF1 FU(V) 63-16, class 3, EN 267

Maximum NOx value within the working range: 120 mg/kWh  
 Electrical Consumption: 200 W (elmax)  
 Noise level: 77 dB(A)



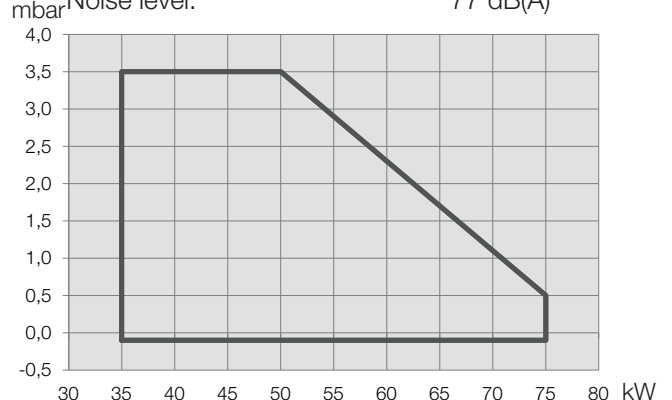
## BF1 R(V) 69-16, class 3, EN 267

Maximum NOx value within the working range: 116 mg/kWh  
 Electrical Consumption: 200 W (elmax)  
 Noise level: 77 dB(A)



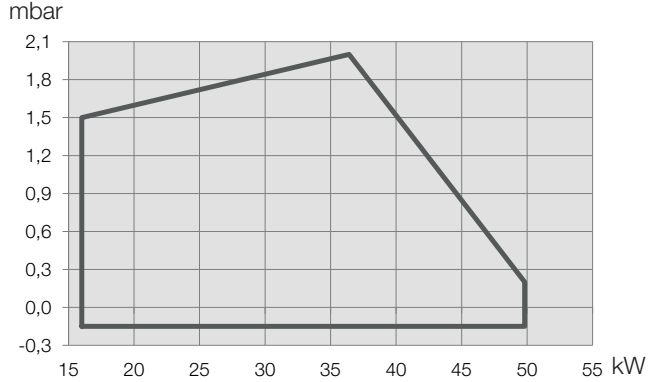
## BF1 S 70-21, class 3, EN 267

Maximum NOx value within the working range: 120 mg/kWh  
 Electrical Consumption: 150 W (elmax)  
 Noise level: 77 dB(A)



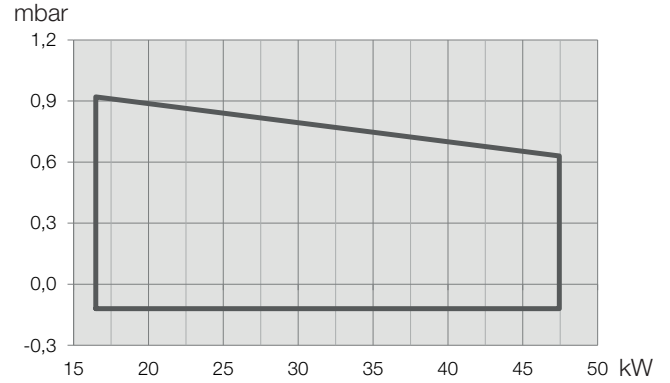
**B1 RL 64-16, class 3, EN 267**

Maximum NO<sub>x</sub> value within  
the working range: 117 mg/kWh  
Electrical Consumption: 188 W (elmax)  
Noise level: 72 dB(A)



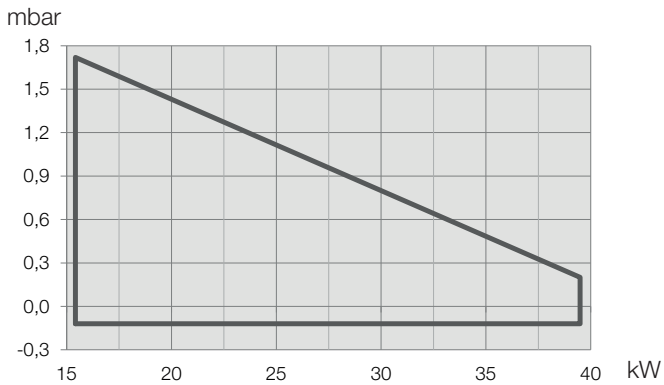
**B1 EOS, class 3, EN 267**

Maximum NO<sub>x</sub> value within  
the working range: 96 mg/kWh  
Electrical Consumption: 208 W (elmax)  
Noise level: 72 dB(A)



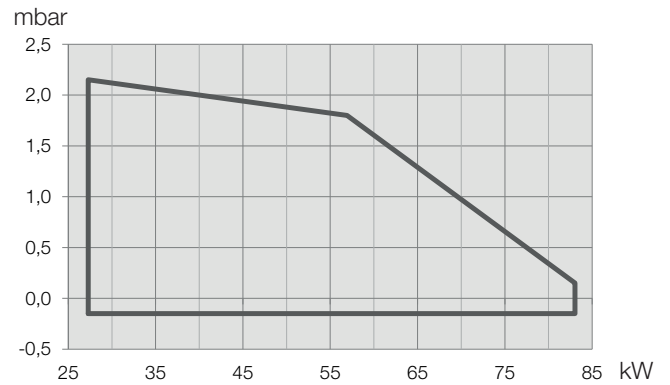
**B1 L35, class 3, EN 267**

Maximum NO<sub>x</sub> value within  
the working range: 106 mg/kWh  
Electrical Consumption: 208 W (elmax)  
Noise level: 72 dB(A)



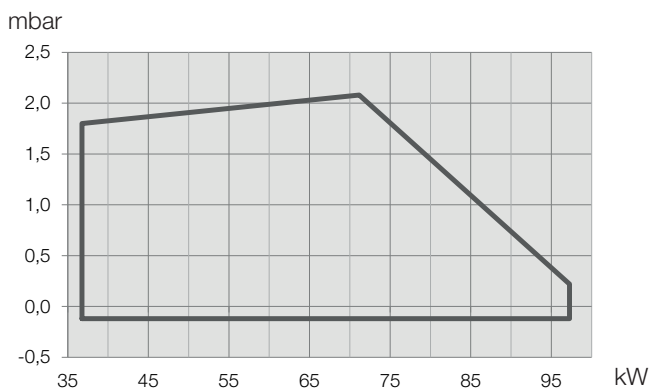
**B2 SL 70-21, class 3, EN 267**

Maximum NO<sub>x</sub> value within  
the working range: 115 mg/kWh  
Electrical Consumption: 204 W (elmax)  
Noise level: 72 dB(A)



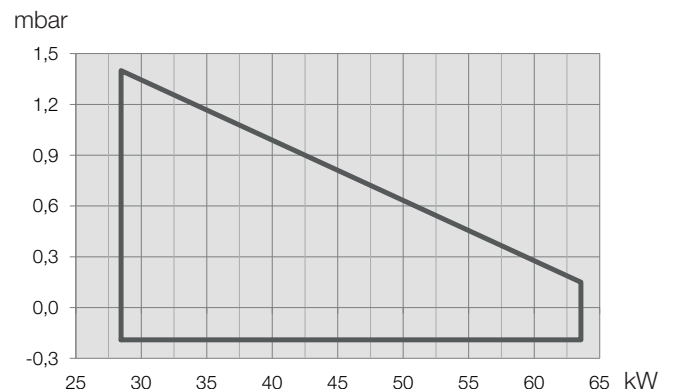
**B2 S 75-24, class 3, EN 267**

Maximum NO<sub>x</sub> value within  
the working range: 103 mg/kWh  
Electrical Consumption: 204 W (elmax)  
Noise level: 72 dB(A)



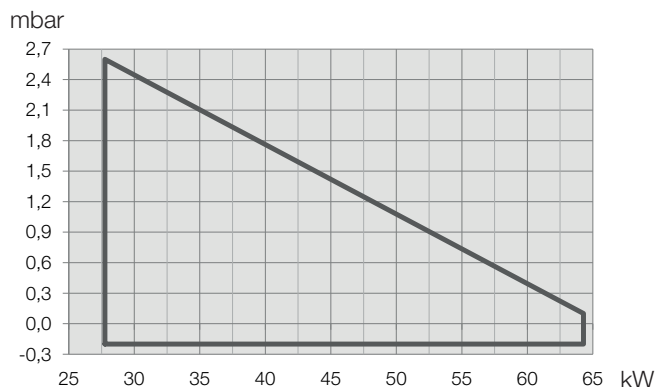
**B2 EOS, class 3, EN 267**

Maximum NO<sub>x</sub> value within  
the working range: 113 mg/kWh  
Electrical Consumption: 204 W (elmax)  
Noise level: 72 dB(A)



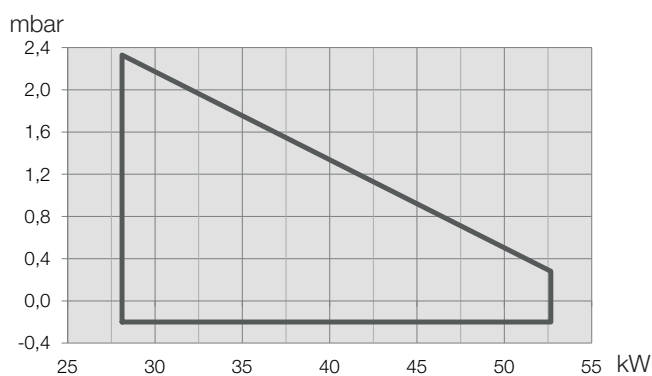
**B2 L55, class 3, EN 267**

Maximum NOx value within  
the working range: 91 mg/kWh  
Electrical Consumption: 204 W (elmax)  
Noise level: 72 dB(A)



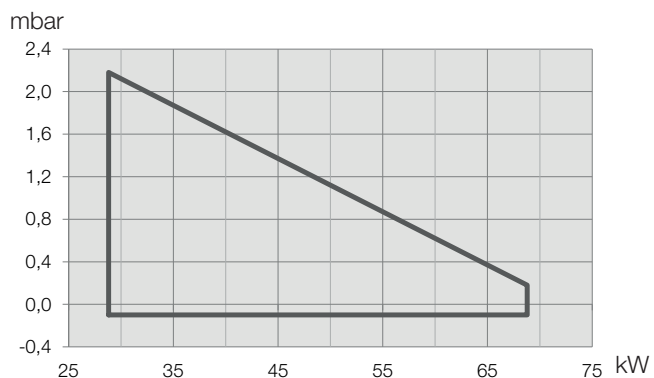
**ST 133 L35, class 3, EN 267**

Maximum NOx value within  
the working range: 96 mg/kWh  
Electrical Consumption: 250 W (elmax)  
Noise level: 74 dB(A)



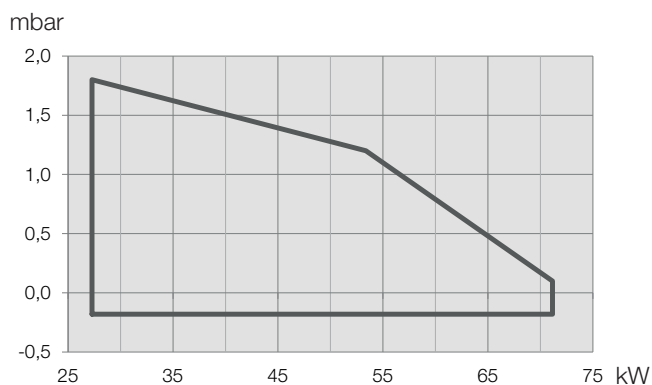
**ST 133 L55, class 3, EN 267**

Maximum NOx value within  
the working range: 95 mg/kWh  
Electrical Consumption: 250 W (elmax)  
Noise level: 74 dB(A)



**ST 133 EOS 62, class 3, EN 267**

Maximum NOx value within  
the working range: 102 mg/kWh  
Electrical Consumption: 250 W (elmax)  
Noise level: 74 dB(A)



**Required combustion chamber size**

Power kW	Firebox size (mm)	
	Diameter min	Length min
10	225	230
15	225	282
20	225	325
25	300	364
30	300	398
35	300	430
40	300	460

Power kW	Firebox size (mm)	
	Diameter min	Length min
45	300	488
50	300	514
55	300	539
60	300	563
65	300	586
70	400	609
75	400	630

Power kW	Firebox size (mm)	
	Diameter min	Length min
80	400	651
85	400	671
90	400	690
95	400	709
100	400	727
105	400	745
110	400	763

