



Pellet Burner Technology

OUR SOLUTION IS CENTERED ON OPTIMIZING THE COMBUSTION.

The Éco-Brûleur is particularly adapted for conversion projects to use biomass. The pellet burner is simply integrated into the client's existing infrastructure; no major modifications to the heating plant or to the hot water or steam production network are necessary.

The solution is based on a vertical semi-gasification process, which reduces the footprint of the burner and thus facilitates its retrofit into boilers, even in narrow spaces.

Ashes resulting from the combustion of biomass are, for the most part, recovered within the burner itself, upstream of the boiler. This allows for an important reduction in particulate emissions in the exhaust.

The Éco-Brûleur line is designed to be used in the conversion of natural gas or diesel boilers, producing between 1,000 lb/hr and 8,000 lb/hr of steam or hot water for process or heating needs. Other applications of our pellet burner include furnaces and dryers in the food or wood transformation industries, as well as the metallurgical industry.



Features of the Éco-Brûleur line

- Possibility of retrofit into existing equipment
- High thermal efficiency
- High ash collection in the burner
- Automated pellet feed
- Variable heat load (from 30% to 100%)
- Small footprint
- Reduction of CO emissions
- Simple operation and maintenance.

Model	Maximal Capacity		Overall Dimensions (mm)	Weight (kg)	Maximal Cons. (kg/h)
	(MMBtu /hr)	(KW)			
EB-670	0.8	250	1740 x 530 x 1210	350	56
EB-1000	1.3	375	1850 x 630 x 1250	480	84
EB-1600	1.9	565	2300 x 750 x 1600	620	126
EB-2000	2.5	750	2480 x 820 x 1650	860	168
EB-3200	3.8	1125	2528 x 940 x 1795	1000	252
EB-4200	5.1	1500	2779 x 1060 x 1800	1500	336
EB-6300	7.6	2250	2860 x 1260 x 1900	1800	504