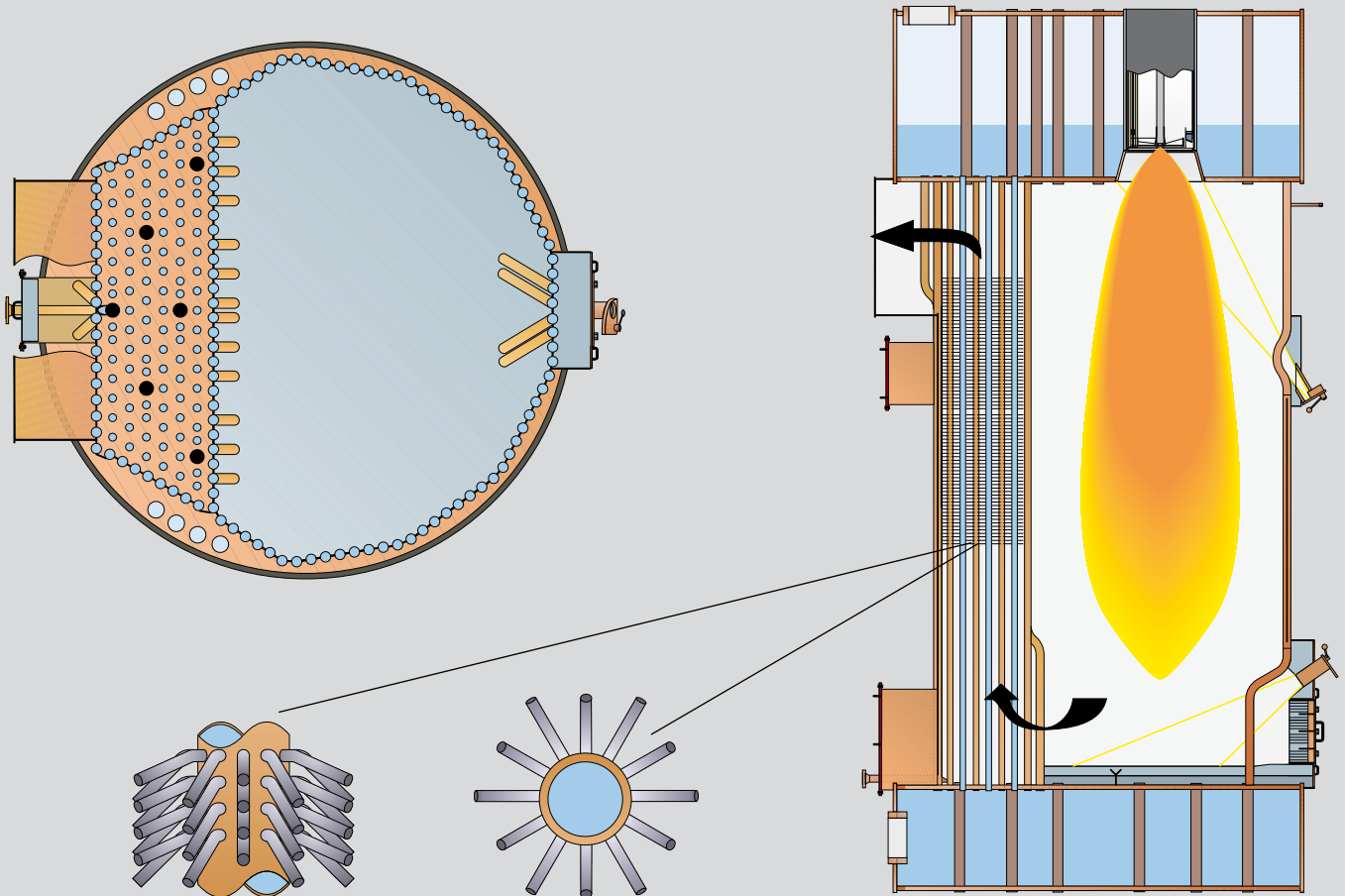
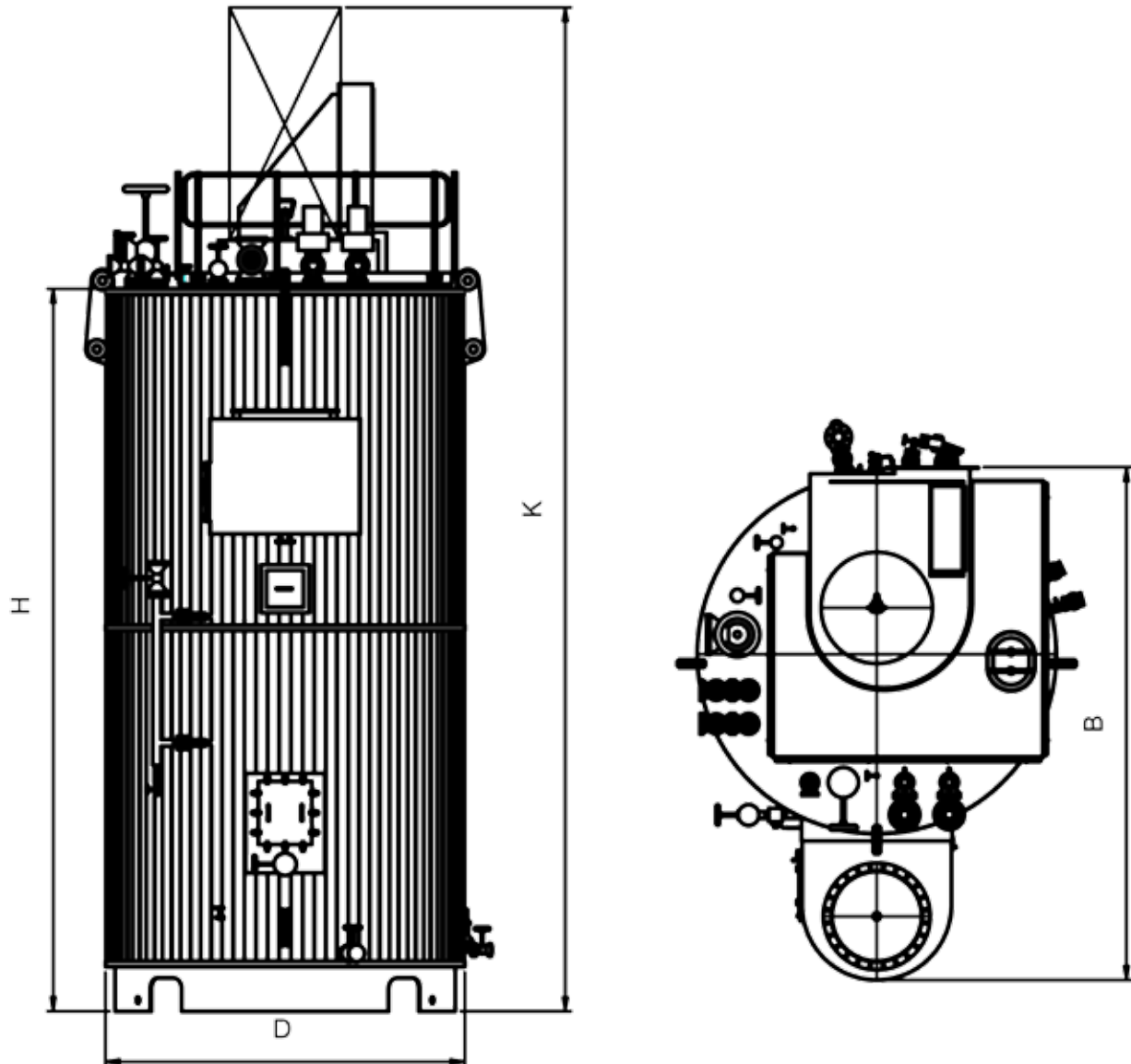


MISSION™ OL



The MISSION™ OL (Patent Pending) is a standard cylindrical two-drum boiler. The furnace, built of membrane walls and containing only little refractory, is shaped to provide optimal combustion conditions. The convection section consists of straight pin tubes with bent pins that provide a high heat transfer coefficient and a low pressure loss. Circulation is ensured by placing down-comers outside the membrane walls.

Capacity range: 12.5 – 55 t/h
8,800 – 38,800 kW



STANDARD PRODUCT RANGE

Capacity and dimensions

Steam capacity	Design pressure	Thermal output at 100% MCR	Height K (incl. retraction of burner lance)	Diameter D (incl. insulation)	Hight H	Width B	Boiler dry weight	Boiler operation weight
kg/h	bar(g)	kW	mm	mm	mm	mm	ton	ton
12,500	9	8,800	8,610	2,670	6,310	4,070	16.4	23.3
16,000	9	11,300	8,810	3,070	6,310	4,320	20.5	29.6
20,000	9 / 18	14,100	8,940	3,220	6,460	4,595	24.5 / 28.5	35.5 / 39.2
25,000	18	17,600	10,050	3,320	7,310	4,800	30.3	41.5
30,000	18	21,200	10,360	3,570	7,510	5,200	35.1	48.2
35,000	18	24,700	10,300	3,870	7,360	5,600	40.4	55.8
40,000	18	28,200	10,880	3,870	7,760	5,625	42.6	58.4
45,000	18	31,800	10,870	4,270	7,710	6,125	49.3	68.6
55,000	18	38,800	11,050	4,520	7,760	6,600	56.6	78.5

Standard scope of supply has the boiler mounted on a skirt. Design with feet is optional.

DATA SHEET series