

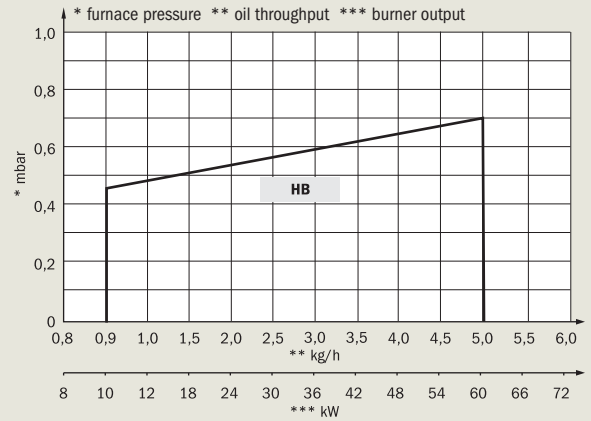
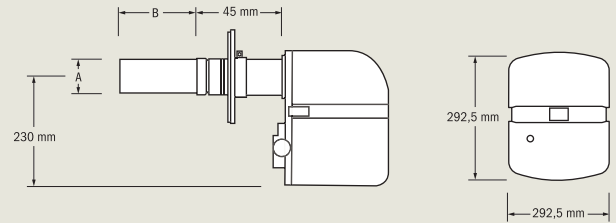
HB Series Oil burners



10 - 70 kW



Blue-flame burner, 1-stage with oil pre-heater, drop stop and recirculation mixing facility. Suitable for low-sulphur oil. Flue 86 mm.



HB Series Fan-assisted oil burners

HB series fan-assisted oil burners are characterised by very smooth running and environmentally-friendly combustion. They are EMPA-tested and approved in accordance with EN 267, suitable for the combustion of heating oil EL according to DIN 51603 with max. 6.0 cSt/293 K (50 °C).

The inbuilt oil pre-heater system (drop stop, nozzle-independent) ensures a uniform fuel temperature and optimum atomisation of the fuel. A LowNox precision mixing system ensures low-emission combustion with blue flame and ensures simple but precise setting of the oil-air mixing ratio. An optimised high-performance fan guarantees a safe startup and a stable combustion. The air regulation at the suction and discharge side permits precise setting of the air volume even in the lower power range. Furthermore, the practical maintenance positions and the variable installation depth is guarantee easy handling by means of a standard sliding flange.

The specially designed air intake fitting permits even balanced operation if required.

Model	HB21	HB 40.1	HB 40.2	HB 50	HB 70
Burner output	10 - 21 kW	20 - 27 kW	27 - 40 kW	37 - 52 kW	50 - 70 kW
Oil throughput	0.9 - 1.8 kg/h	1.7 - 2.3 kg/h	1.7 - 3.4 kg/h	3.1 - 4.1 kg/h	4.2 - 5.9 kg/h
Power input	approx. 185 W	approx. 185 W	approx. 185 W	approx. 360 W	approx. 360 W
Mains connection	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Weight	13.7 kg	13.7 kg	13.7 kg	13.7 kg	13.7 kg
Heat resistance	1,200 °C	1,200 °C	1,200 °C	1,200 °C	1,200 °C
(A) Flue diameter	87 × 167 mm	87 × 167 mm	120 × 199 mm	120 × 199 mm	150 × 188 mm
(B) Flue length	147 mm	147 mm	147 mm	158 mm	158 mm
Order number	2110	2112	2111	2114	2115
Price/€	1,315.00	1,315.00	1,372.00	1,548.00	1,579.00

Special equipment	Order no.	Surcharge/€
HB 2-stage, extra charge relay, pump, actuator	3164	489.00
Hot air relay	2310	134.60
Delay relay	4645	94.50
Surcharge for post purge	3177	114.25