

HB series

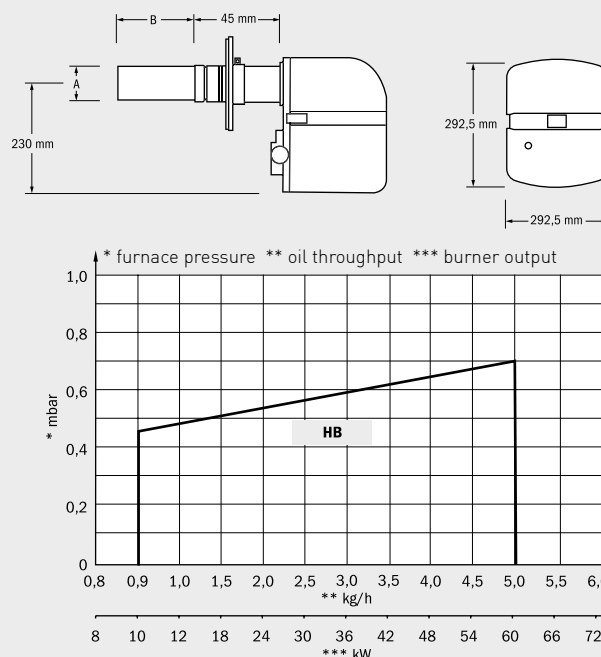
Oil burners



13 - 56 kW



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



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 (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	HB 21	HB 40	HB 50
Burner output	13 - 26 ¹⁾ kW	29 40 ²⁾ kW	42 - 56 ³⁾ kW
Factory nozzle (Steinen)	ST 80° 0,40gph	ST 80° 0,60gph	ST 80° 1,00gph
Factory burner input	21 kW	30 kW	50 kW
Mains connection	ca. 185 W	ca. 185 W	ca. 360 W
Weight	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Heat resistance	90 mm	120 mm	120 mm
(A) Flue diameter	160 mm	199 mm	190 mm
(B) Flue length	13;7 kg	13;7 kg	14,3 kg
Order number	1000040	1000041	1000044
Price/€	1,423.00	1,485.00	1,675.00

1) 13kW - 18kW with nozzle Steinen S 75° 0,30gph / 23kW - 26kW with nozzle Steinen ST 80° 0,50gph

2) 35kW - 40kW with nozzle Steinen S 80° 0,75gph

3) 42kW - 47kW with nozzle Steinen S 80° 0,85gph

Special equipment	Surcharge/€
Hot air relay	139.00
Surcharge for post purge	119.00