

–weishaupt–



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product

Information on WK-series burners



WK-series industrial burners

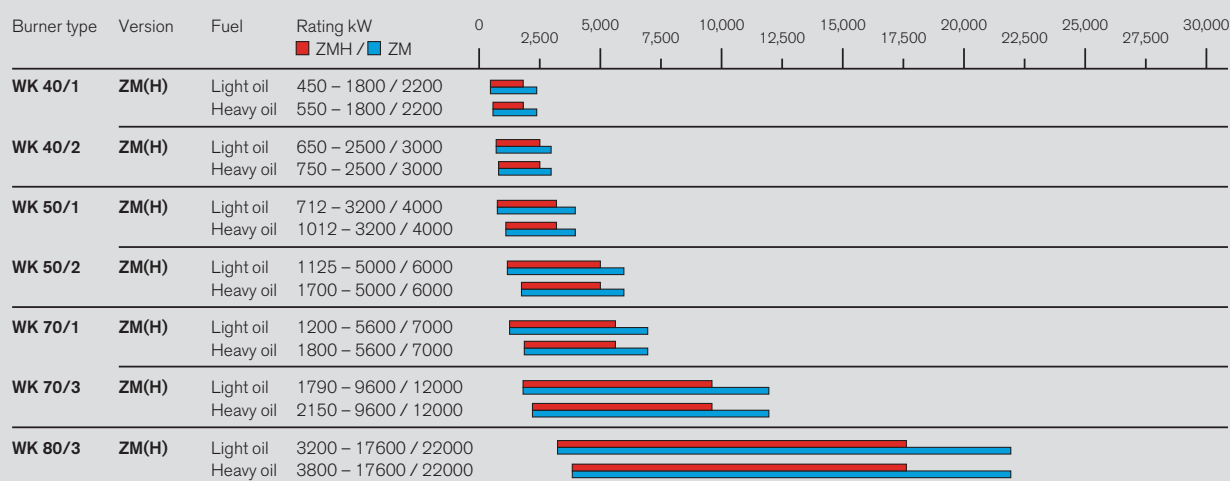
WK 40 to WK 80 burners • 300 kW to 28,000 kW

Overview of capacities

Oil burners

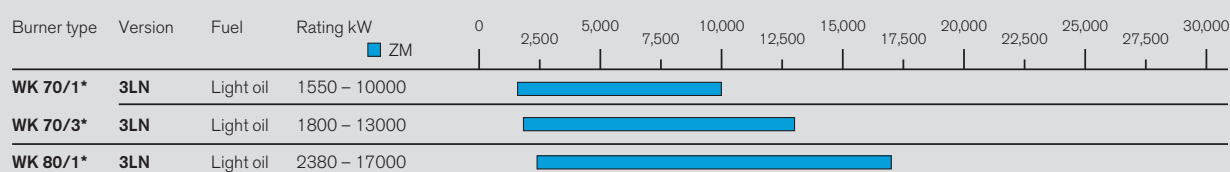
Version ZM

WKL and WKMS light and heavy-oil burners



Version 3LN multiflam®

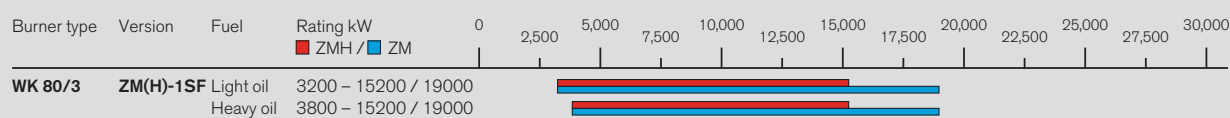
WKGL light-oil burners *



* 3LN-version WK 70 and WK 80 burners are not available as single-fuel oil burners. However, the WKGL dual-fuel burners are available in a special execution *without gas-side components*. Refer to the price list for the appropriate price reduction.

Version 1SF

WKL and WKMS light and heavy-oil burners

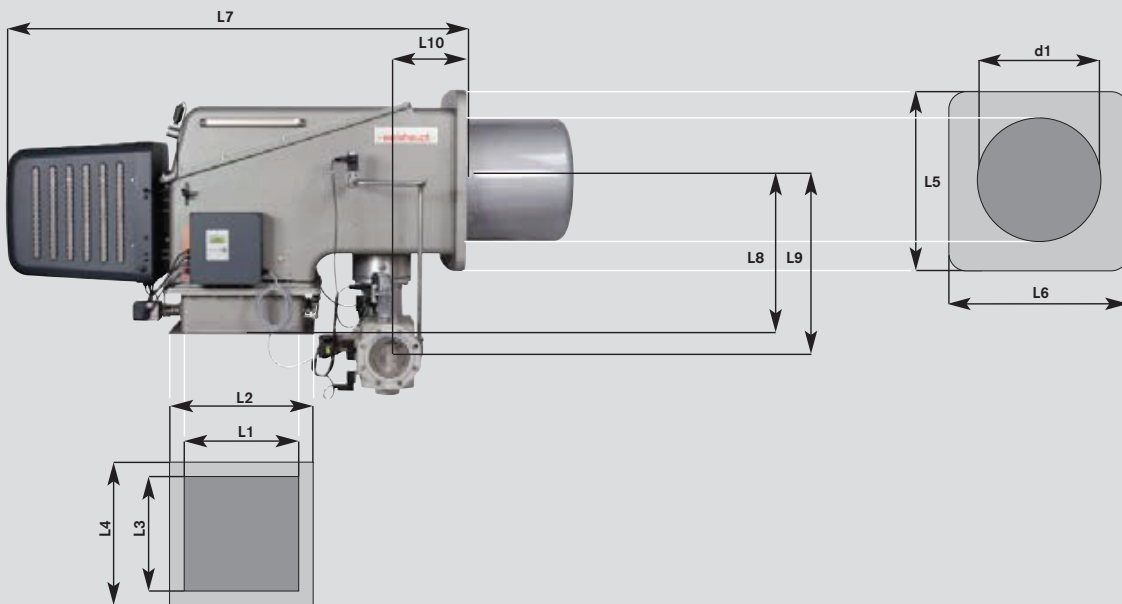


- Version ZM: Combustion air temperatures up to 20 °C
- Version ZMH: Combustion air temperatures up to 100 °C
- Version ZMH: Combustion air temperatures up to 250 °C

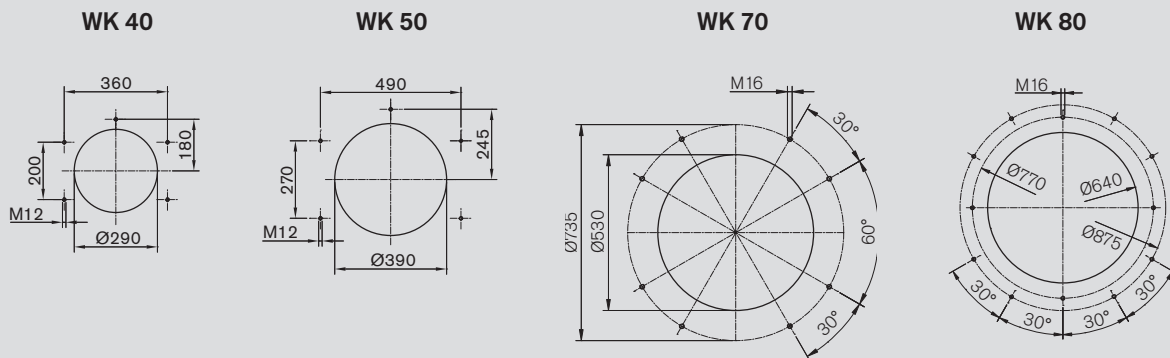
See the planning and installation handbook for fan selection and arrangement, gas valve trains, special equipment, technical data, and dimensions.

Key dimensions at a glance

Burner dimensions



Mounting-plate drilling dimensions



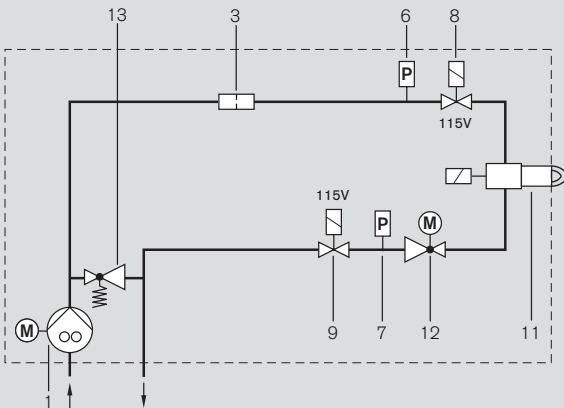
All dimensions are approximate. Weishaupt reserve the right to make changes in light of future developments.

Type	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	d1
WK 40	226	336	264	368	400	400	1046	444	384	116	280
WK 50	270	403	370	495	540	540	1212	518	464	158	380
WK 70	414	556	496	639	700	700	1689	628	589	188	518
WK 80	558	670	558	670	850	850	2123	708	741	368	605

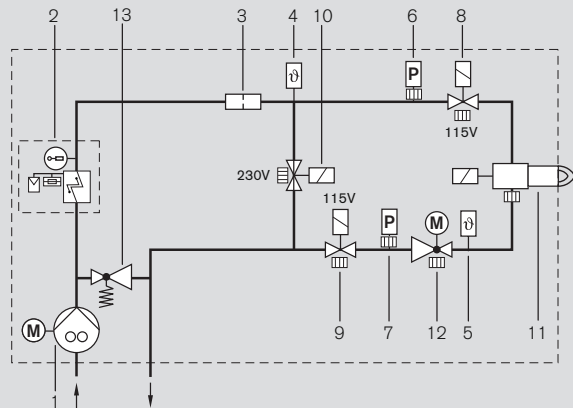
Fuel systems

Oil burners

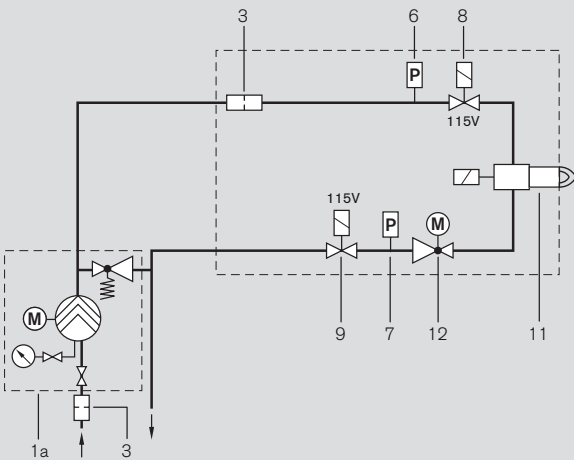
WKL 40, integral pump



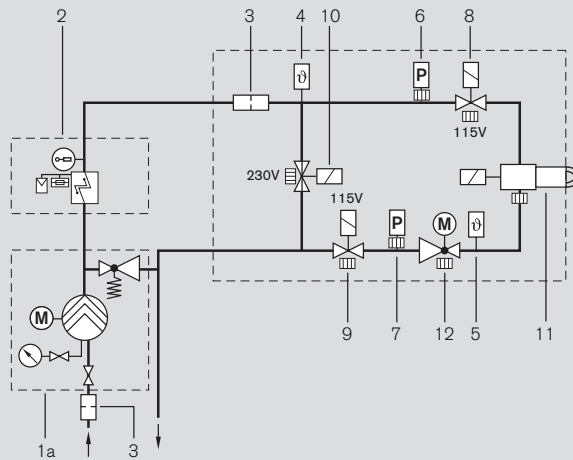
WKMS 40, integral pump and preheater



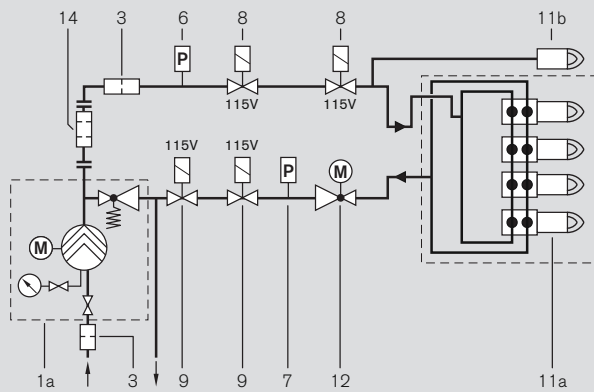
WKL 50, 70 & WKL 80



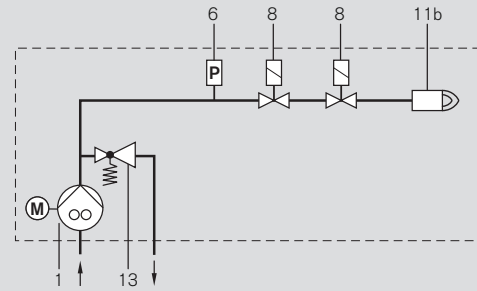
WKMS 50, 70 & WKMS 80



WKL multiflam®

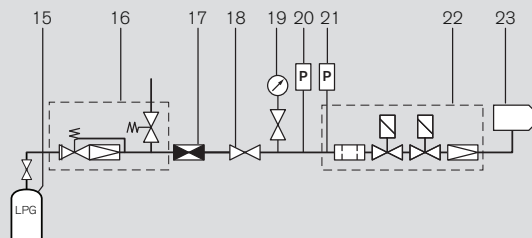


WKMS 80 with light-oil ignition



Complete unit mounted on burner

WKMS 80 with LPG ignition



Gas pilot line for oil firing

- 1 Oil pump
- 1a External pump station with pressure maintenance
- 2 Oil preheater
- 3 Filter
- 4 Temperature sensor in supply
- 5 Temperature sensor in return
- 6 Low-pressure switch
- 7 High-pressure switch
- 8 Solenoid valve in supply (fitted in the direction of flow)
- 9 Solenoid valve in return (fitted against the direction of flow)
- 10 Bypass solenoid valve (normally open)
- 11 Solenoid valve assembly
- 11a Nozzle head with secondary nozzles
- 11b Nozzle head with primary nozzle
- 12 Oil regulator
- 13 Pressure regulating valve
- 14 Filter (immediately next to burner)
- 15 LPG tank (by others)
- 16 LPG pressure regulator (accessory)
- 17 Hose rupture protection (accessory)
- 18 Ball valve
- 19 Pressure gauge with push-button valve
- 20 High-gas-pressure switch
- 21 Low-gas-pressure switch
- 22 W-MF multi-function assembly
- 23 Burner