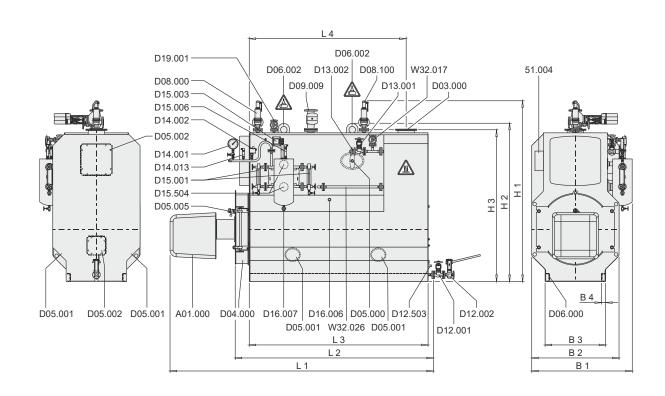


UNIVERSAL steam boiler U-MB

in three-pass flame-tube smoke-tube technology with integrated Flue gas heat exchanger

DA092

Version 3 (04/24)



51.004	Terminal box	D13.001	Feed water shut-off valve
A01.000	Burner	D13.002	Feed water non-return valve
D03.000	Flue gas connection socket	D14.001	Pressure indicator (with test unit)
D04.000	Boiler front door	D14.002	Pressure limiter
D05.000	Inspection opening steam-side	D14.013	Pressure transducer
D05.001	Inspection opening water side option	D15.001	Level indicator 1
D05.002	Inspection opening flue gas side		Level indicator 2 option
D05.005	Sight hole	D15.003	Level transducer
D06.000	Base frame	D15.006	Level limiter
D06.002	Lifting lug	D15.504	Cleaning opening on the module
D08.000	Pressure safeguard valve 1	D16.006	Conductivity transducer
D08.100	Pressure safeguard valve 2 option	D16.007	Shut-off valve (sample extraction)
D09.009	Steam shut-off valve (motorized)	D19.001	Vent shut-off valve option
D12.001	Drain shut-off valve	W32.017	Vent shut-off valve Flue gas heat exchanger
D12.002	Quick shut-off blow down valve	W32.026	Connecting pipe
D12.503	Connection for drainage flue gas condensate		

Explanation of symbols



Warning: dangerous electrical voltage



Lifting equipment to be fastened here, only



Warning: hot surface, e. g. uninsulated fitting

Main and individual dimensions



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Version 3 (04/24)

UNIVERSAL steam boiler	r Dimension(s)				Flue gas connection		Base frame				
	L 1 1)	L 2 ²⁾	В 1	B 2 ²⁾	H 1 ³⁾	H 2 ²⁾	L 4	H 3	L 3	В3	B 4
Туре	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
U-MB 460	3100	2523	1397	1060	2198	1931	1898	1825	2220	710	55
U-MB 1030	3512	2820	1523	1210	2450	2183	2058	2075	2380	710	55
U-MB 1650	4046	3041	1644	1360	2712	2425	2411	2325	2730	910	55
U-MB 2020	4296	3456	1694	1460	2872	2525	2659	2425	2980	910	55

- References and defaults to Requirements for the boiler installation room see technical information TI024.
- Equipment and complete dimensions in accordance with project-related, technical data sheet.
- The scope of delivery is defined in the order confirmation.
- Where dimensions or weights are specified on the datasheet, the following tolerances apply: measurements ± 1%; transportation weight ± 4%; maximum weight ±2% (also refer to Technical information TI024, chapter Pipe system)
- Dimensions designed for standard insulation 100 mm thick.
- Dimensioning insertion opening:
 - Positioning height: addition of at least 100 mm to dimension H1 resp. dimension H2 (mounted / not mounted fittings)
 - Positioning width: addition of at least 200 mm to dimension B1 resp. dimension B2 (mounted / not mounted fittings)
- 1) Dimension L1 is an standard gauge and depends on the make, type and rated capacity of burner.
- ²⁾ Smallest transport dimensions once fittings and burner have been removed (without cable ducting; with cable ducting + 75 mm on right).
- ³⁾ Dimension H1 may vary acc. to valve manufacturer.