

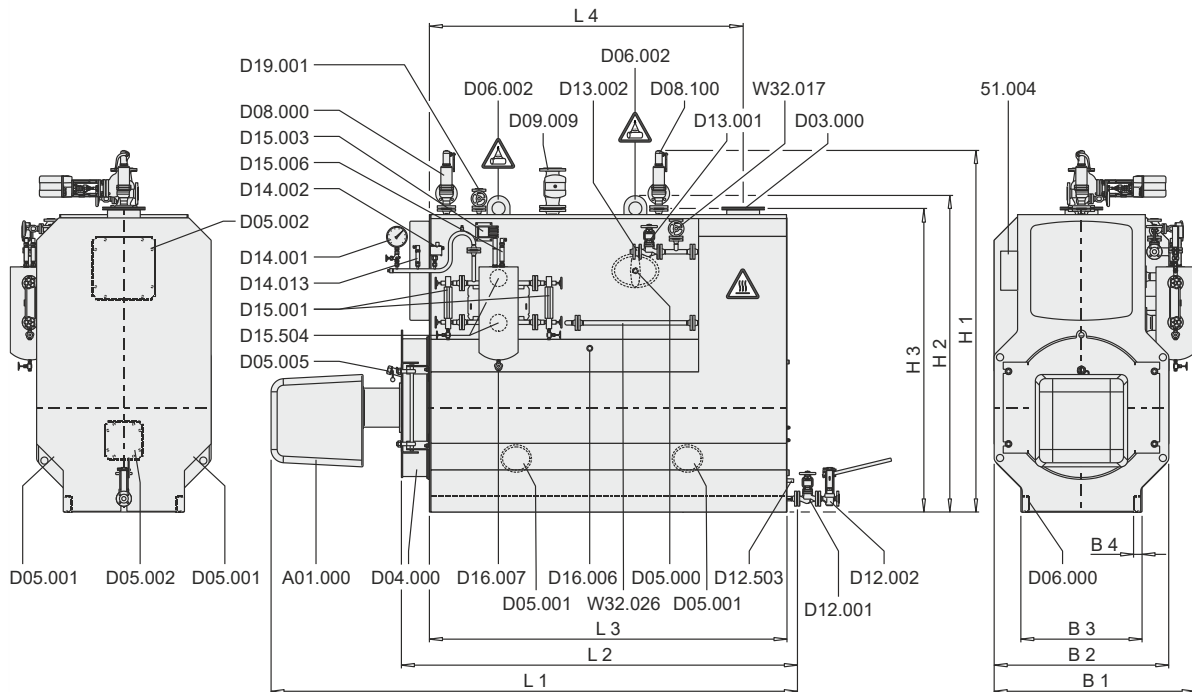


UNIVERSAL steam boiler U-MB

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

DA092

Version 2 (11/16)



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|---------|---------------------------------------------|---------|---------------------------------------------|
| 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

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UNIVERSAL steam boiler Type	Dimension(s)						Flue gas connection		Base frame		
	L 1 ¹⁾ [mm]	L 2 ²⁾ [mm]	B 1 [mm]	B 2 ²⁾ [mm]	H 1 ³⁾ [mm]	H 2 ²⁾ [mm]	L 4 [mm]	H 3 [mm]	L 3 [mm]	B 3 [mm]	B 4 [mm]
U-MB 460	3100	2523	1397	1060	2198	1931	1898	1825	2220	710	55
U-MB 1030	3516	2683	1523	1210	2450	2183	2058	2075	2380	710	55
U-MB 1650	4046	3036	1644	1360	2712	2425	2411	2325	2730	910	55
U-MB 2020	4296	3286	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 $\pm 1\%$; transportation weight $\pm 4\%$; maximum weight $\pm 2\%$ (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
³⁾ Dimension H1 may vary acc. to valve manufacturer.