

## Main dimensions

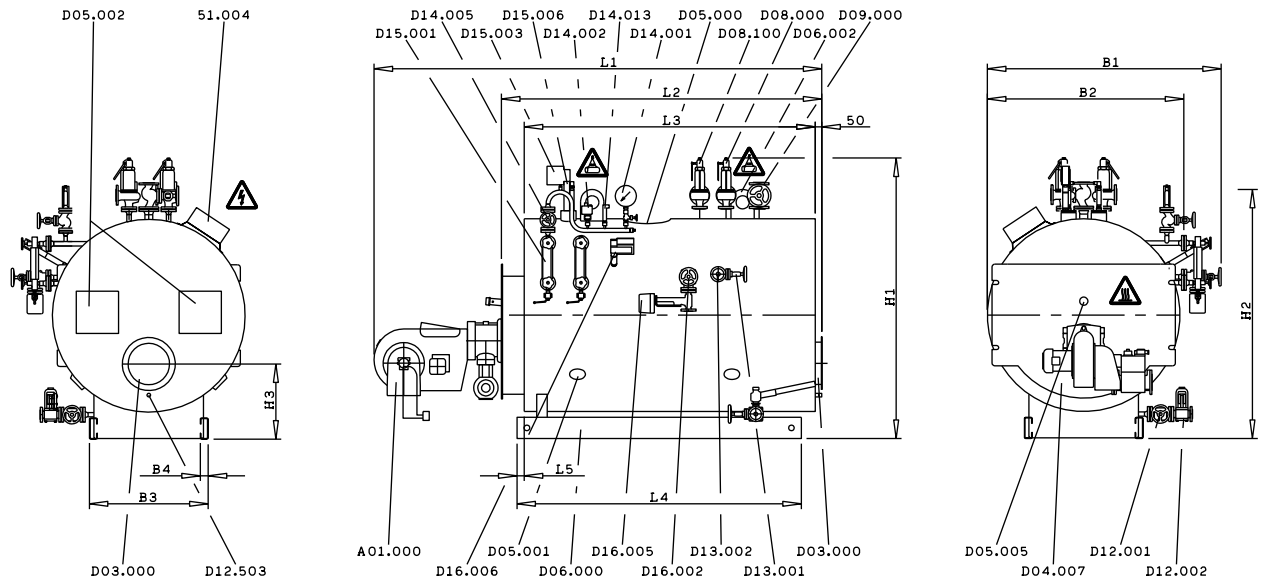


# UNIVERSAL steam boiler U-HD

in Flame-tube smoke-tube technology

DA025

Version 2 (10/15)



51.004	terminal box	D12.503	Connection for drainage flue gas condensate
A01.000	Burner	D13.001	Feed water shut-off valve
D03.000	Flue gas connection socket	D13.002	Feed water non-return valve
D04.007	Reversing chamber door	D14.001	Pressure indicator (with test unit)
D05.000	Inspection opening steam-side	D14.002	Pressure limiter
D05.001	Inspection opening water side	D14.005	Shut-off valve
D05.002	Inspection opening flue gas side	D14.013	Pressure transducer
D05.005	Sight hole	D15.001	Level indicator 1
D06.000	Base frame		Level indicator 2 <b>option</b>
D06.002	Lifting lug	D15.003	Level transducer
D08.000	Pressure safeguard valve 1	D15.006	Level limiter
D08.100	Pressure safeguard valve 2 <b>option</b>	D16.002	Desalting shut-off valve <b>option</b>
D09.000	Steam shut-off valve	D16.005	Desalting control valve <b>option</b>
D12.001	Drain shut-off valve	D16.006	Conductivity transducer <b>option</b>
D12.002	Quick shut-off blow down valve		

### Explanation of symbols



Warning: dangerous electrical voltage



Lifting equipment to be fastened here, only



Warning: hot surface, e. g. uninsulated fitting

Subject to change

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UNIVERSAL steam boiler Type	Dimension(s)						
	L 1 <sup>2)</sup> [mm]	L 2 <sup>1)</sup> [mm]	L 3 [mm]	B 1 [mm]	B 2 <sup>1)</sup> [mm]	H 1 <sup>3)</sup> [mm]	H 2 <sup>1)</sup> [mm]
U-HD 350	2260	1683	1495	1428	1211	1807	1581
U-HD 500	2415	1838	1650	1522	1305	1897	1673
U-HD 800	2910	1938	1715	1722	1505	2097	1870
U-HD 1250	3058	2418	2195	1699	1482	2127	1887
U-HD 2000	3842	2763	2490	1992	1775	2477	2115
U-HD 3200	4025	3153	2880	2244	2027	2816	2362

UNIVERSAL steam boiler Type	Flue gas connection		Base frame			
	H 3 [mm]	L 4 [mm]	L 5 [mm]	B 3 [mm]	B 4 [mm]	
U-HD 350	502	1460	55	770	60	
U-HD 500	555	1600	55	870	60	
U-HD 800	553	1635	55	900	60	
U-HD 1250	604	2105	55	900	60	
U-HD 2000	604	2375	55	1060	60	
U-HD 3200	623	2750	55	1105	80	

- References and defaults to Requirements for the boiler installation room see technical information T1024.
- Dimensions designed for standard insulation 100 mm thick.
- The scope of delivery is defined in the order confirmation.
- Equipment and complete dimensions in accordance with project-related, technical data sheet.
- Dimensions with  $\pm 1\%$  tolerance
- 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)

<sup>1)</sup> Smallest transport dimensions once fittings, burner and terminal box have been removed (without cable ducting; with cable ducting + 75 mm on right).

<sup>2)</sup> Dimension L1 is an standard gauge and depends on the make, type and rated capacity of burner.

<sup>3)</sup> Dimension H1 may vary acc. to valve manufacturer.