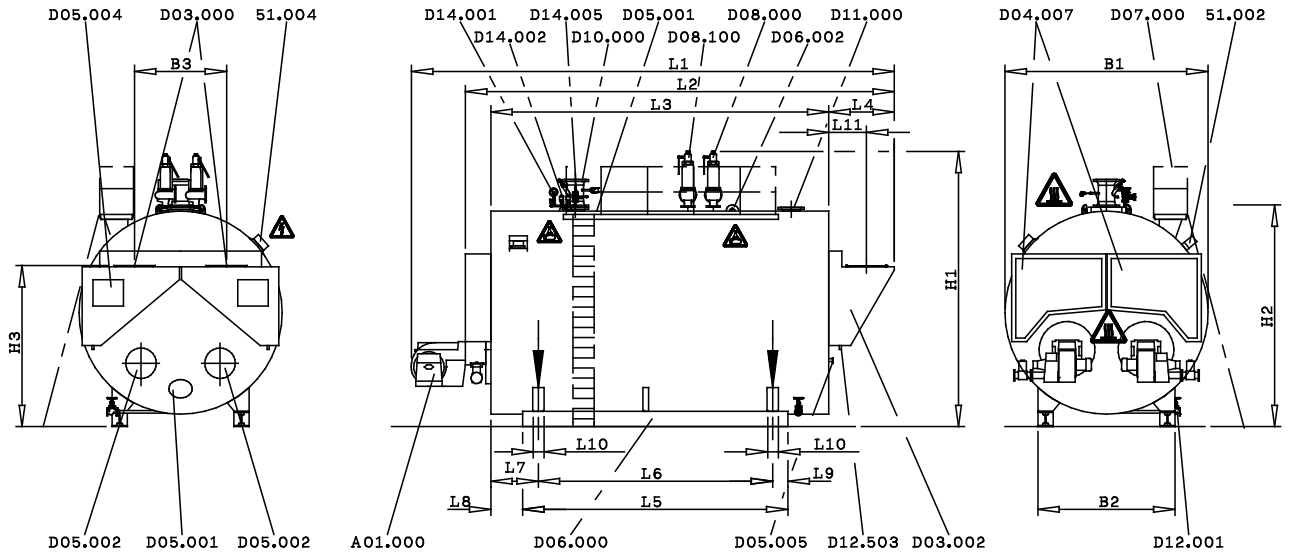


UNIMAT hot water Boiler UT-HZ

in three-pass double-flue flame-tube smoke-tube technology

DA151
Version 1 (07/12)



- | | | | |
|---------|----------------------------------|---------|---|
| 51.002 | Instrument box Option | D06.002 | Transportation lugs |
| 51.004 | Terminal box | D07.000 | Operating platform Option |
| A01.000 | Burner | D08.000 | Pressure safeguard valve 1 |
| D03.000 | Flue gas connection socket | D08.100 | Pressure safeguard valve 2 Option |
| D03.002 | Flue gas chamber | D10.000 | Supply flow |
| D04.007 | Reversing chamber door | D11.000 | Return flow |
| D05.001 | Inspection opening water side | D12.001 | Drain shut-off valve |
| D05.002 | Inspection opening flue gas side | D12.503 | Connection for drainage flue gas condensate |
| D05.004 | Inspection opening flue gas side | D14.001 | Pressure indicator (test unit) |
| D05.005 | Sight hole | D14.002 | Pressure limiter |
| D06.000 | Base frame | D14.005 | Shut-off valve |

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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UNIMAT High pressure hot water Boiler Type	Dimensions							Flue gas connection		
	L 1 ²⁾	L 2 ¹⁾	L 3	L 4	B 1	H 1 ³⁾	H 2 ¹⁾	L 11	B 3	H 3
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
UT-HZ 13000	8999	7160	5575	1075	3700	4907	4057	678	1500	2870
UT-HZ 15000	9389	7550	5825	1215	3900	5127	4245	678	1500	3058
UT-HZ 18200	10552	8570	6655	1355	4000	5417	4350	748	1500	3163
UT-HZ 19500	10598	8670	6655	1355	4200	5607	4510	748	1800	3350
UT-HZ 22750	10598	9090	7075	1355	4400	5792	4700	748	1900	3540
UT-HZ 26000	10409	9340	7325	1355	4400	5792	4700	748	1900	3540
UT-HZ 32500	10598	9780	7575	1495	4700	6407	5085	818	1900	3853
UT-HZ 36000	10604	10530	8325	1495	4700	6407	5085	818	1900	3853
UT-HZ 38000	11139	10530	8325	1495	4700	6187	5085	818	1900	3853

UNIMAT High pressure hot water Boiler Type	Base frame							Universal columnne IPB - HEB - DIN 1025 [mm]
	L 5	L 6	L 7	L 8	L 9	L 10	B 2	
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
UT-HZ 13000	4325	3725	925	625	300	225	2470	260
UT-HZ 15000	4575	3975	925	625	300	225	2600	280
UT-HZ 18200	5225	4625	925	625	300	225	2700	300
UT-HZ 19500	5375	4775	850	550	300	225	2800	300
UT-HZ 22750	5500	4900	950	650	300	225	2900	300
UT-HZ 26000	5500	4900	1120	820	300	225	2900	300
UT-HZ 32500	5500	4900	1325	1025	300	425	3100	300
UT-HZ 36000	6250	5650	1325	1025	300	425	3100	300
UT-HZ 38000	6250	5650	1325	1025	300	425	3100	300

- 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 boiler operating weight must be absorbed by the foundation in the area of the front and rear supports.
 - Dimensions with $\pm 1\%$ tolerance.
 - The dimensions are designed for standard insulation:
 - 150 mm thick on the boiler ends
 - 175 mm thick at the rear end
 - 100 mm thick on the boiler shell
 - Dimension of the insertion openings
 - opening height: Add at least 100mm to H1 or H2 (with / without assembled fittings)
 - opening width: Add at least 200mm to B1
 - The height of the boiler house is determined by the system equipment, the clear passage over the operating platform should be at least 2 m.
- 1) Smallest transport dimensions with 100 mm insulation thickness if fittings, pump bracket and burner are removed (without cable ducting; with cable ducting +75 mm on right).
- 2) Dimension L1 is an standard gauge and depends on the make, type and rated capacity of burner.
- 3) The dimension H1 may vary depending on the valve manufacturer.