

Main dimensions

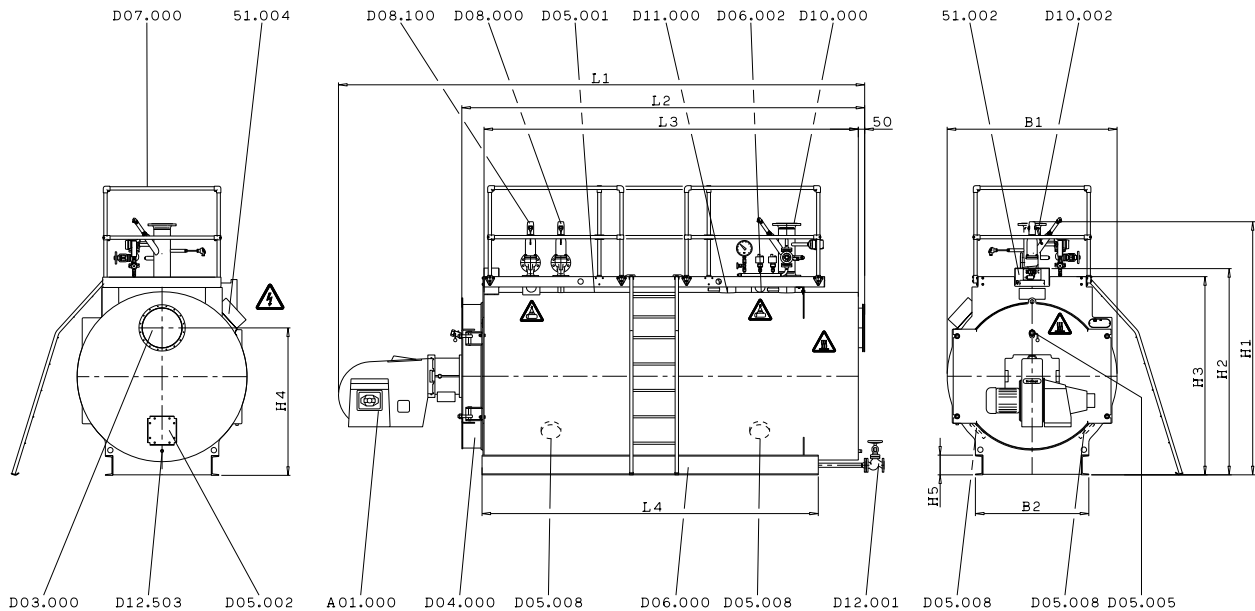


UNIMAT Hot water boiler UT-M

Safeguard temperature ¹⁾ ≤ 190 °C, Safeguard gauge pressure ≤ 16 bar

DA164

Version 3 (02/17)



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|---------|---|---------|---|
| 51.002 | Instrument box option | D06.002 | Lifting lug |
| 51.004 | Terminal box | D07.000 | Operating platform |
| A01.000 | Burner | D08.000 | Pressure safeguard valve 1 |
| D03.000 | Flue gas connection socket | D08.100 | Pressure safeguard valve 2 option |
| D04.000 | Boiler front door ²⁾ | D10.000 | Supply flow |
| D05.001 | Inspection opening water side | D10.002 | Supply flow adapter piece option |
| D05.002 | Inspection opening flue gas side | D11.000 | Return flow |
| D05.005 | Sight hole | D12.001 | Drain shut-off valve option |
| D05.008 | Inspection opening water side option | D12.503 | Connection for drainage flue gas condensate |
| D06.000 | Base frame | | |

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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BOSCH

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UNIMAT Hot water boiler UT-M	Max. capacity	Dimension(s)							Flue gas connection	Base frame			
		L 1 ³⁾	L 2 ⁴⁾	L 3	B 1	H 1 ⁵⁾	H 2	H 3 ⁷⁾		H 4	L 4	B 2	H 5 U-profile
Type	[kW]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
UT-M 2	750	3516	2680	2425	1324	2302	1695	1610	1180	2100	910	120	
UT-M 4	1000	3516	2680	2425	1324	2302	1695	1610	1180	2100	910	120	
UT-M 6	1000	3786	2950	2695	1424	2402	1795	1710	1240	2350	910	120	
UT-M 8	1250	4056	3220	2960	1524	2502	1895	1810	1340	2560	930	160	
UT-M 10	1350	4029	2950	2695	1424	2402	1795	1710	1240	2350	910	120	
UT-M 12	1500	4754	3675	3420	1574	2552	1950	1860	1350	3060	1130	160	
UT-M 14	1900	4092	3220	2960	1524	2502	1895	1810	1340	2560	930	160	
UT-M 16	2000	4597	3725	3465	1674	2652	2050	1960	1415	3060	1130	160	
UT-M 18	2500	4960	3675	3420	1574	2552	1950	1860	1350	3060	1130	160	
UT-M 20	2500	5360	4075	3820	1724	2702	2100	2010	1490	3410	1150	200	
UT-M 22	3000	5748	4570	4250	1824	2817	2200	2110	1500	3920	1260	220	
UT-M 24	3050	5052	3725	3465	1674	2667	2050	1960	1415	3060	1130	160	
UT-M 26	3500	5878	4700	4380	1924	2917	2300	2210	1600	3920	1510	220	
UT-M 28	3700	5572	4075	3820	1724	2717	2100	2010	1490	3410	1150	200	
UT-M 30	4200	5748	4570	4250	1824	2817	2200	2110	1500	3920	1260	220	
UT-M 32	4250	6268	5090	4770	2124	3117	2505	2410	1750	4280	1510	220	
UT-M 34	5200	6035	4700	4380	1924	3007	2300	2210	1600	3920	1510	220	
UT-M 36	5250	6655	5320	5000	2274	3357	2655	2560	1850	4480	1520	240	
UT-M 38 ⁶⁾	6000	6855	5520	5200	2424	3507	-	2710	2000	4650	1610	240	
UT-M 40	6500	7005	5090	4770	2124	3207	2505	2410	1750	4280	1510	220	
UT-M 42	7700	7235	5320	5000	2274	3462	2655	2560	1850	4480	1520	240	
UT-M 44 ⁶⁾	8000	7662	5980	5655	2574	3762	-	2875	2100	5050	1630	280	
UT-M 46 ⁶⁾	9300	7435	5520	5200	2424	3612	-	2710	2000	4650	1610	240	
UT-M 48 ⁶⁾	10000	8285	6315	5990	2724	3912	-	3037	2200	5320	1890	280	
UT-M 50 ⁶⁾	11200	8121	5980	5655	2574	3947	-	2875	2100	5050	1630	280	
UT-M 52 ⁶⁾	12000	9086	7050	6725	2924	4297	-	3239	2440	6000	1890	280	
UT-M 54 ⁶⁾	12600	8456	6315	5990	2724	4097	-	3037	2200	5320	1890	280	
UT-M 56 ⁶⁾	14000	9566	7530	7170	3224	4597	-	3543	2600	6390	2100	320	
UT-M 58 ⁶⁾	14700	9086	7050	6725	2924	4377	-	3239	2440	6000	1890	280	
UT-M 60 ⁶⁾	16400	9566	7530	7170	3224	4677	-	3543	2600	6390	2100	320	
UT-M 62 ⁶⁾	17500	9227	7980	7620	3424	4877	-	3770	2820	6790	2100	320	
UT-M 64 ⁶⁾	19200	9227	7980	7620	3424	4877	-	3770	2820	6790	2100	320	

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- 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.
 - Dimensions with ± 1 % tolerance
 - The dimensions are designed for standard insulation:
 - 100 mm thick on the boiler ends
 - 100 mm thick on the boiler shell
 - 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
 - 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⁾ The maximum temperature of the safety temperature limiter depends on the country destination.
- ²⁾ Reversing chamber door stopper is on the left side.
- ³⁾ Dimension L1 is an standard gauge and depends on the make, type and rated capacity of burner. If an integrated flue gas heat exchanger is included in the delivery scope, the appropriate measure of length acc. to Data Sheet DA170 / DA171 must be considered.
- ⁴⁾ Smallest transport dimensions once fittings, burner and terminal box have been removed (without cable ducting; with cable ducting + 75 mm on right).
- ⁵⁾ Highest dimension over pressure safeguard valve or supply flow adapter piece. Dimension H1 may vary acc. to valve manufacturer.
- ⁶⁾ UNIMATIC is collateral arranged.
- ⁷⁾ Highest dimension over boiler socket, transportation lugs or door holding ring.