

Main dimensions

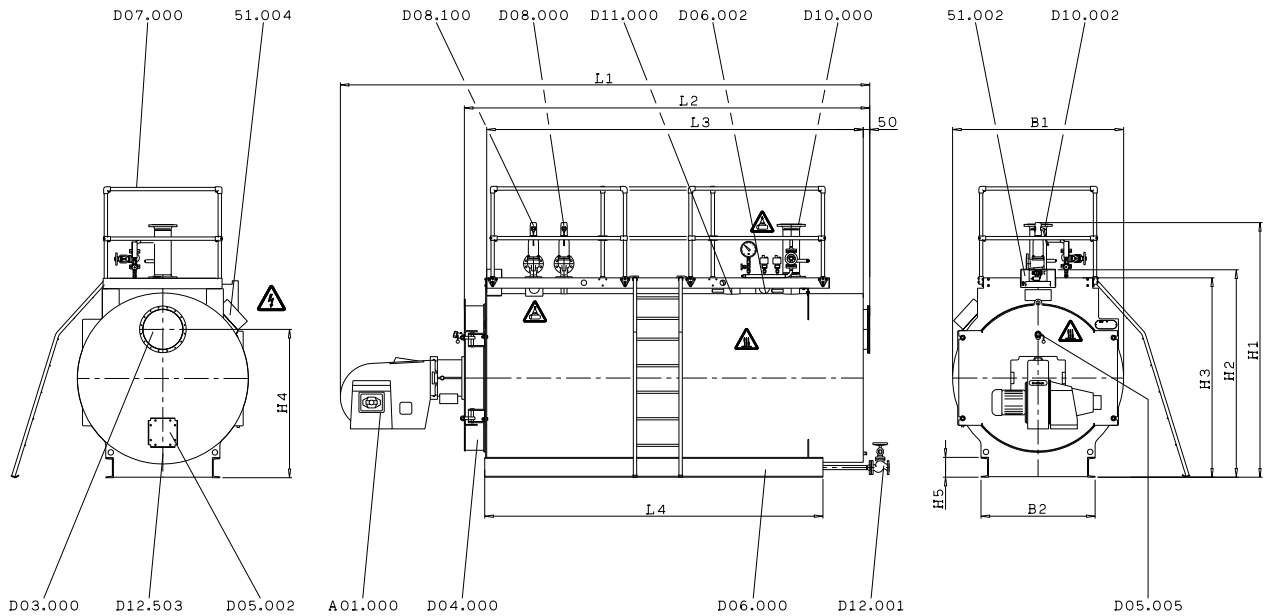


UNIMAT Heating boiler UT-L

Safeguard temperature ¹⁾ ≤ 120 °C, Safeguard gauge pressure ≤ 16 bar

DA160

Version 4 (05/20)



51.002 Instrument box **option**

51.004 Terminal box

A01.000 Burner

D03.000 Flue gas connection socket

D04.000 Boiler front door ²⁾

D05.002 Inspection opening flue gas side

D05.005 Sight hole

D06.000 Base frame

D06.002 Lifting lug

D07.000 Operating platform

D08.000 Pressure safeguard valve 1

D08.100 Pressure safeguard valve 2 **option**

D10.000 Supply flow

D10.002 Supply flow adapter piece **option**

D11.000 Return flow

D12.001 Drain shut-off valve **option**

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

Subject to change

Main dimensions



BOSCH

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UNIMAT Heating boiler UT-L	Max. capacity	Dimension(s)							Flue gas connection	Base frame			
		L 1 ³⁾	L 2	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-L 1	650	3080	2295	2040	1174	2152	1540	1460	1055	1750	710	120	
UT-L 2	750	3465	2680	2425	1324	2302	1695	1610	1180	2100	910	120	
UT-L 4	1000	3516	2680	2425	1324	2302	1695	1610	1180	2100	910	120	
UT-L 6	1000	3786	2950	2695	1424	2402	1795	1710	1240	2350	910	120	
UT-L 8	1250	4056	3220	2960	1524	2502	1895	1810	1340	2560	930	160	
UT-L 10	1350	3786	2950	2695	1424	2402	1795	1710	1240	2350	910	120	
UT-L 12	1500	4511	3675	3420	1574	2552	1950	1860	1350	3060	1130	160	
UT-L 14	1900	4199	3220	2960	1524	2502	1895	1810	1340	2560	930	160	
UT-L 16	2000	4704	3725	3465	1674	2652	2050	1960	1415	3060	1130	160	
UT-L 18	2500	4654	3675	3420	1574	2552	1950	1860	1350	3060	1130	160	
UT-L 20	2500	5054	4075	3820	1724	2702	2100	2010	1490	3410	1150	200	
UT-L 22	3000	5591	4570	4250	1824	2817	2200	2110	1500	3920	1260	220	
UT-L 24	3050	4746	3725	3465	1674	2667	2050	1960	1415	3060	1130	160	
UT-L 26	3500	5908	4700	4380	1924	2917	2300	2210	1600	3920	1510	220	
UT-L 28	3700	5283	4075	3820	1724	2717	2100	2010	1490	3410	1150	200	
UT-L 30	4200	5778	4570	4250	1824	2817	2200	2110	1500	3920	1260	220	
UT-L 32	4250	6298	5090	4770	2124	3117	2505	2410	1750	4280	1510	220	
UT-L 34	5200	6248	4700	4380	1924	3007	2300	2210	1600	3920	1510	220	
UT-L 36	5250	6868	5320	5000	2274	3357	2655	2560	1850	4480	1520	240	
UT-L 38 ⁶⁾	6000	7215	5520	5200	2424	3507	-	2716	2000	4650	1610	240	
UT-L 40	6500	7005	5090	4770	2124	3207	2505	2410	1750	4280	1510	220	
UT-L 42	7700	7235	5320	5000	2274	3462	2655	2560	1850	4480	1520	240	
UT-L 44 ⁶⁾	8000	7860	5980	5655	2574	3762	-	2905	2100	5050	1630	280	
UT-L 46 ⁶⁾	9300	7435	5520	5200	2424	3612	-	2716	2000	4650	1610	240	
UT-L 48 ⁶⁾	10000	8230	6315	5990	2724	3912	-	3021	2200	5320	1890	280	
UT-L 50 ⁶⁾	11200	8121	5980	5655	2574	3947	-	2905	2100	5050	1630	280	
UT-L 52 ⁶⁾	12000	8930	7050	6725	2924	4297	-	3239	2440	6000	1890	280	
UT-L 54 ⁶⁾	12600	7412	6315	5990	2724	4097	-	3021	2200	5320	1890	280	
UT-L 56 ⁶⁾	14000	9725	7530	7170	3224	4597	-	3543	2600	6390	2100	320	
UT-L 58 ⁶⁾	14700	9265	7050	6725	2924	4377	-	3239	2440	6000	1890	280	
UT-L 60 ⁶⁾	16400	9140	7530	7170	3224	4677	-	3543	2600	6390	2100	320	
UT-L 62 ⁶⁾	17500	9590	7980	7620	3424	4877	-	3770	2820	6790	2100	320	
UT-L 64 ⁶⁾	19200	9750	7980	7620	3424	4877	-	3770	2820	6790	2100	320	
UT-L 66 ⁶⁾	25000	10750	8980	8505	3924	5297	-	4210	3300	7590	2500	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 scope of delivery, the corresponding length dimension must be taken into account in accordance with datasheet DA170 / DA171.
- 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.