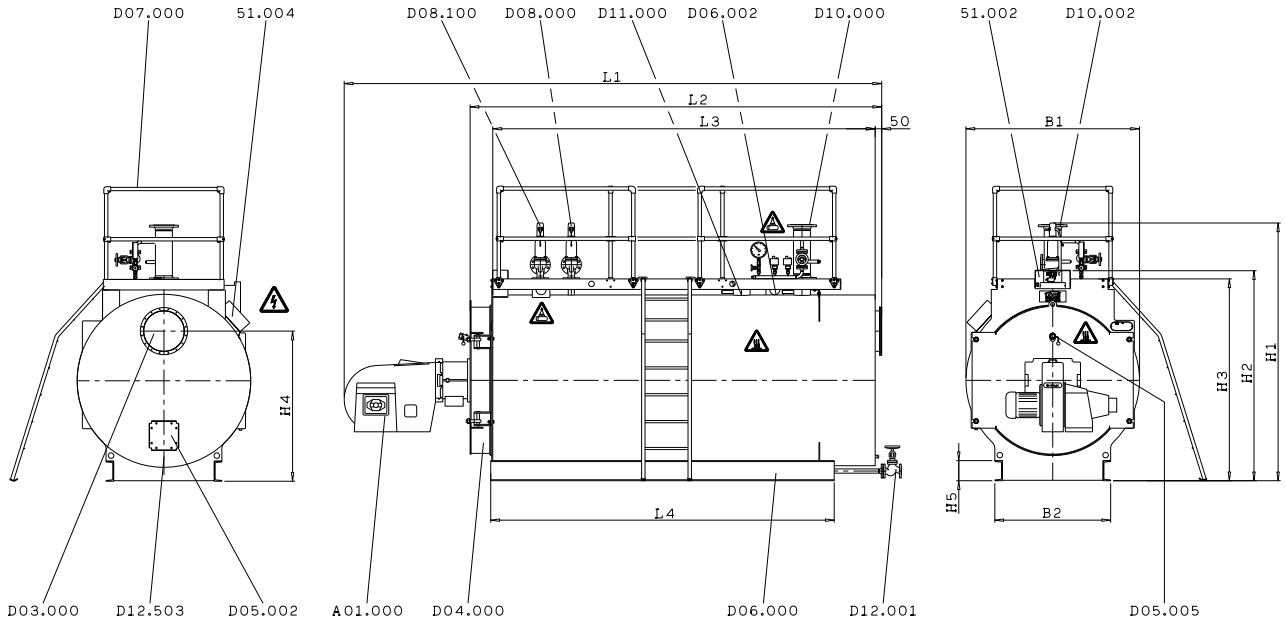
UNIMAT Heating Boiler UT-L

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

DA160
Version 2 (11/15)



51.002	Instrument box **Option**
51.004	Terminal box
A01.000	Burner
D03.000	Flue gas connection socket
D04.000	Reversing chamber door [2]
D05.002	Inspection opening flue gas side
D05.005	Flame sight hole
D06.000	Base frame
D06.001	Transportation lugs
D08.000	Pressure safeguard valve Option
D08.100	Pressure safeguard valve **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

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Version 2 (11/15)

UNIMAT Heating Boiler	max. Capacity	Dimensions							Flue gas connection	Base frame		
		L 1 2[1]	L 2 4[1]	L 3	B 1	H 1 5[1]	H 2	H 3 7[1]	H 4	L 4	B 2	H 5 U- Profil
Type	[kW]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
UT-L 1	650	3123	2290	2040	1174	2167	1540	1460	1055	1750	710	120
UT-L 2	750	3550	2680	2425	1324	2302	1695	1610	1180	2100	910	120
UT-L 4	1000	3650	2680	2425	1324	2302	1695	1610	1180	2100	910	120
UT-L 6	1000	3920	2950	2695	1425	2402	1895	1710	1240	2350	910	120
UT-L 8	1250	4190	3220	2960	1524	2527	1895	1810	1340	2560	930	160
UT-L 10	1350	3970	2950	2695	1424	2402	1795	1710	1240	2350	910	120
UT-L 12	1500	4640	3675	3420	1574	2657	1950	1860	1350	3060	1130	160
UT-L 14	1900	4380	3220	2960	1524	2527	1895	1810	1340	2560	930	160
UT-L 16	2000	4880	3725	3465	1674	2757	2050	1960	1415	3060	1130	160
UT-L 18	2500	4890	3675	3420	1574	2657	1950	1860	1350	3060	1130	160
UT-L 20	2500	5230	4075	3820	1724	2912	2100	2010	1490	3410	1150	200
UT-L 22	3000	5730	4570	4250	1824	3012	2200	2110	1500	3920	1260	220
UT-L 24	3050	4990	3725	3465	1674	2757	2050	1960	1415	3060	1130	160
UT-L 26	3500	5900	4700	4380	1924	3112	2300	2210	1600	3920	1510	220
UT-L 28	3700	5740	4075	3820	1724	2912	2100	2010	1490	3410	1150	200
UT-L 30	4200	6040	4570	4250	1824	3012	2200	2110	1500	3920	1260	220
UT-L 32	4250	6440	5090	4770	2124	3497	2505	2410	1750	4280	1510	220
UT-L 34	5200	6500	4700	4380	1924	3112	2300	2210	1600	3920	1510	220
UT-L 36	5250	7120	5320	5000	2274	3727	2655	2560	1850	4480	1520	240
UT-L 38 [6]	6000	7320	5520	5200	2424	3877	-	2710	2000	4650	1610	240
UT-L 40	6500	6890	5090	4770	2124	3497	2505	2410	1750	4280	1510	220
UT-L 42	7700	7120	5320	5000	2274	3727	2655	2560	1850	4480	1520	240
UT-L 44 [6]	8000	7780	5980	5655	2574	4027	-	2920	2100	5050	1630	280
UT-L 46 [6]	9300	7550	5520	5200	2424	3877	-	2710	2000	4650	1610	240
UT-L 48 [6]	10000	8326	6315	5990	2724	4177	-	3037	2200	5320	1890	280
UT-L 50 [6]	11200	7216	5980	5655	2574	4027	-	2920	2100	5050	1630	280
UT-L 52 [6]	12000	8515	7050	6725	2924	4377	-	3239	2440	6000	1890	280
UT-L 54 [6]	12600	8326	6315	5990	2724	4177	-	3037	2200	5320	1890	280
UT-L 56 [6]	14000	9756	7530	7170	3224	4677	-	3543	2600	6390	2100	320
UT-L 58 [6]	14700	8523	7050	6725	2924	4377	-	3239	2440	6000	1890	280
UT-L 60 [6]	16400	9235	7530	7170	3224	4677	-	3543	2600	6390	2100	320
UT-L 62 [6]	17500	9235	7980	7620	3424	4877	-	3770	2820	6790	2100	320
UT-L 64 [7]	19200	9235	7980	7620	3424	4877	-	3770	2820	6790	2100	320

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DA160
Version 2 (11/15)

- 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.
- 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
- 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) 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 a 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 with 100 mm insulation thickness if fittings, pump bracket and burner are removed (without cable ducting; with cable ducting +75 mm on right).

5) Highest dimension over pressure safeguard valve or supply flow adapter piece. The dimension H1 may vary depending on the valve manufacturer.

6) UNIMATIC is collateral arranged.

7) Highest dimension over boiler socket, transportation lugs or door holding ring.