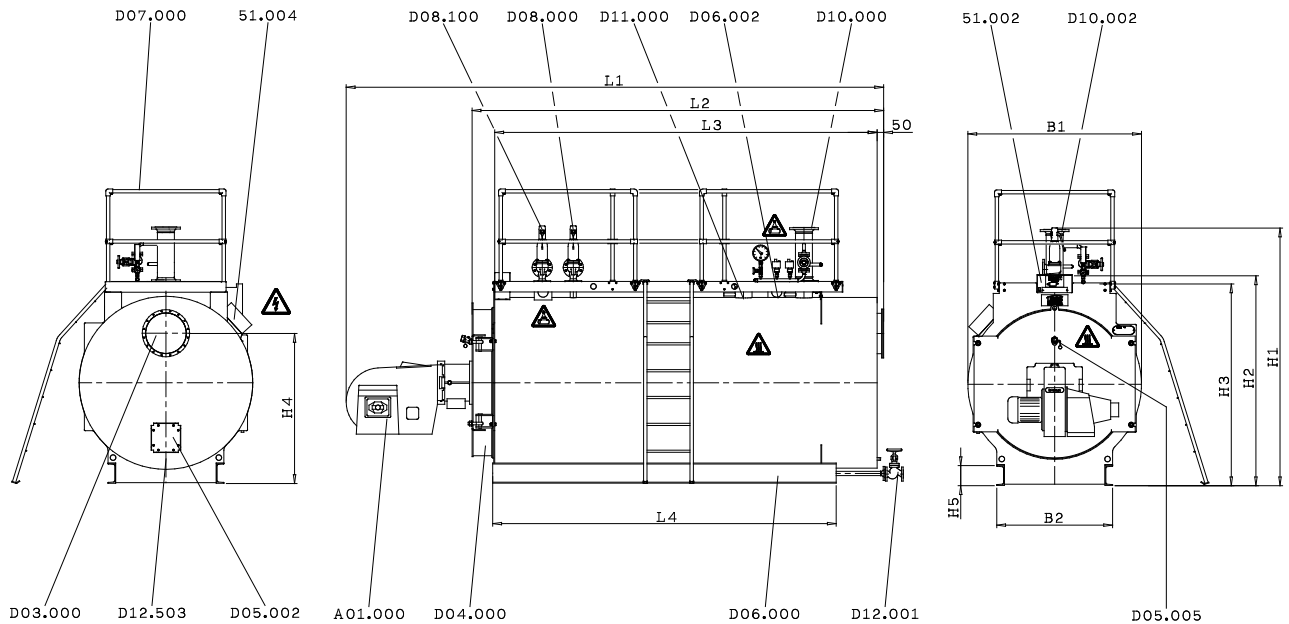


# UNIMAT Heating Boiler UT-L

Safeguard temperature <sup>1)</sup> ≤ 120°C, Safeguard gauge pressure ≤ 16 bar

**DA160**  
Version 1 (07/12)



- |         |                                      |         |   |
|---------|--------------------------------------|---------|---|
| 51.002  | Instrument box <b>Option</b>         | D06.001 | Transportation lugs                         |
| 51.004  | Terminal box                         | D08.000 | Pressure safeguard valve <b>Option</b>      |
| A01.000 | Burner                               | D08.100 | Pressure safeguard valve <b>Option</b>      |
| D03.000 | Flue gas connection socket           | D10.000 | Supply flow                                 |
| D04.000 | Reversing chamber door <sup>2)</sup> | D10.002 | Supply flow adapter piece <b>Option</b>     |
| D05.002 | Inspection opening flue gas side     | D11.000 | Return flow                                 |
| D05.005 | Flame sight hole                     | D12.001 | Drain shut-off valve <b>Option</b>          |
| D06.000 | Base frame                           | 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



## UNIMAT Heating Boiler UT-L

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



## UNIMAT Heating Boiler UT-L

Safeguard temperature <sup>1)</sup>  $\leq 120^{\circ}\text{C}$ , Safeguard gauge pressure  $\leq 16$  bar

**DA160**  
Version 1 (07/12)

- 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  $\pm 1\%$  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.
- <sup>1)</sup> The maximum temperature of the safety temperature limiter depends on the country destination.
- <sup>2)</sup> Reversing chamber door stopper is on the left side.
- <sup>3)</sup> 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.
- <sup>4)</sup> 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).
- <sup>5)</sup> Highest dimension over pressure safeguard valve or supply flow adapter piece. The dimension H1 may vary depending on the valve manufacturer.
- <sup>6)</sup> UNIMATIC is collateral arranged.
- <sup>7)</sup> Highest dimension over boiler socket, transportation lugs or door holding ring.