

## Main dimensions

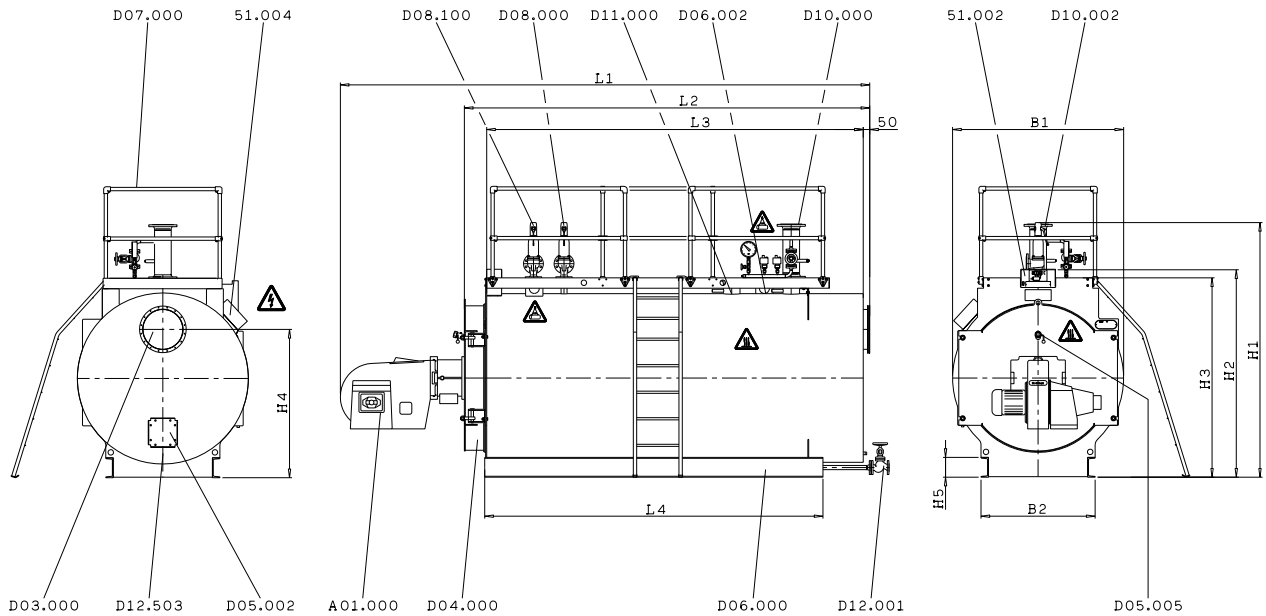


# UNIMAT Heating boiler UT-L

Safeguard temperature <sup>1)</sup> ≤ 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 Boiler front door <sup>2)</sup>

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

## UNIMAT Heating boiler UT-L

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DA160

Version 2 (11/15)

| UNIMAT Heating boiler UT-L | Max. capacity | Dimension(s)      |      |      |      |                   |      |                   | Flue gas connection | Base frame |      |      |               |
|----------------------------|---------------|-------------------|------|------|------|-------------------|------|-------------------|---------------------|------------|------|------|---------------|
|                            |               | L 1 <sub>3)</sub> | L 2  | L 3  | B 1  | H 1 <sub>5)</sub> | H 2  | H 3 <sub>7)</sub> |                     | 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           | 3135              | 2295 | 2040 | 1174 | 2152              | 1540 | 1460              | 1055                | 1750       | 710  | 120  |               |
| UT-L 2                     | 750           | 3516              | 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          | 4092              | 3220 | 2960 | 1524 | 2502              | 1895 | 1810              | 1340                | 2560       | 930  | 160  |               |
| UT-L 16                    | 2000          | 4597              | 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          | 5748              | 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          | 5878              | 4700 | 4380 | 1924 | 2917              | 2300 | 2210              | 1600                | 3920       | 1510 | 220  |               |
| UT-L 28                    | 3700          | 5266              | 4075 | 3820 | 1724 | 2717              | 2100 | 2010              | 1490                | 3410       | 1150 | 200  |               |
| UT-L 30                    | 4200          | 5748              | 4570 | 4250 | 1824 | 2817              | 2200 | 2110              | 1500                | 3920       | 1260 | 220  |               |
| UT-L 32                    | 4250          | 6268              | 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 <sup>6)</sup>      | 6000          | 6855              | 5520 | 5200 | 2424 | 3507              | -    | 2710              | 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 <sup>6)</sup>      | 8000          | 7662              | 5980 | 5655 | 2574 | 3762              | -    | 2875              | 2100                | 5050       | 1630 | 280  |               |
| UT-L 46 <sup>6)</sup>      | 9300          | 7435              | 5520 | 5200 | 2424 | 3612              | -    | 2710              | 2000                | 4650       | 1610 | 240  |               |
| UT-L 48 <sup>6)</sup>      | 10000         | 8285              | 6315 | 5990 | 2724 | 3912              | -    | 3010              | 2200                | 5320       | 1890 | 280  |               |
| UT-L 50 <sup>6)</sup>      | 11200         | 8121              | 5980 | 5655 | 2574 | 3947              | -    | 2875              | 2100                | 5050       | 1630 | 280  |               |
| UT-L 52 <sup>6)</sup>      | 12000         | 9086              | 7050 | 6725 | 2924 | 4297              | -    | 3239              | 2440                | 6000       | 1890 | 280  |               |
| UT-L 54 <sup>6)</sup>      | 12600         | 8456              | 6315 | 5990 | 2724 | 4097              | -    | 3010              | 2200                | 5320       | 1890 | 280  |               |
| UT-L 56 <sup>6)</sup>      | 14000         | 9566              | 7530 | 7170 | 3224 | 4597              | -    | 3542              | 2600                | 6390       | 2100 | 320  |               |
| UT-L 58 <sup>6)</sup>      | 14700         | 9086              | 7050 | 6725 | 2924 | 4377              | -    | 3239              | 2440                | 6000       | 1890 | 280  |               |
| UT-L 60 <sup>6)</sup>      | 16400         | 9566              | 7530 | 7170 | 3224 | 4677              | -    | 3542              | 2600                | 6390       | 2100 | 320  |               |
| UT-L 62 <sup>6)</sup>      | 17500         | 9227              | 7980 | 7620 | 3424 | 4877              | -    | 3770              | 2820                | 6790       | 2100 | 320  |               |
| UT-L 64 <sup>6)</sup>      | 19200         | 9227              | 7980 | 7620 | 3424 | 4877              | -    | 3770              | 2820                | 6790       | 2100 | 320  |               |

Subject to change



## UNIMAT Heating boiler UT-L

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

**DA160**

Version 2 (11/15)

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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.
- <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 once fittings, burner and terminal box have been 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. Dimension H1 may vary acc. to valve manufacturer.
- <sup>6)</sup> UNIMATIC is collateral arranged.
- <sup>7)</sup> Highest dimension over boiler socket, transportation lugs or door holding ring.