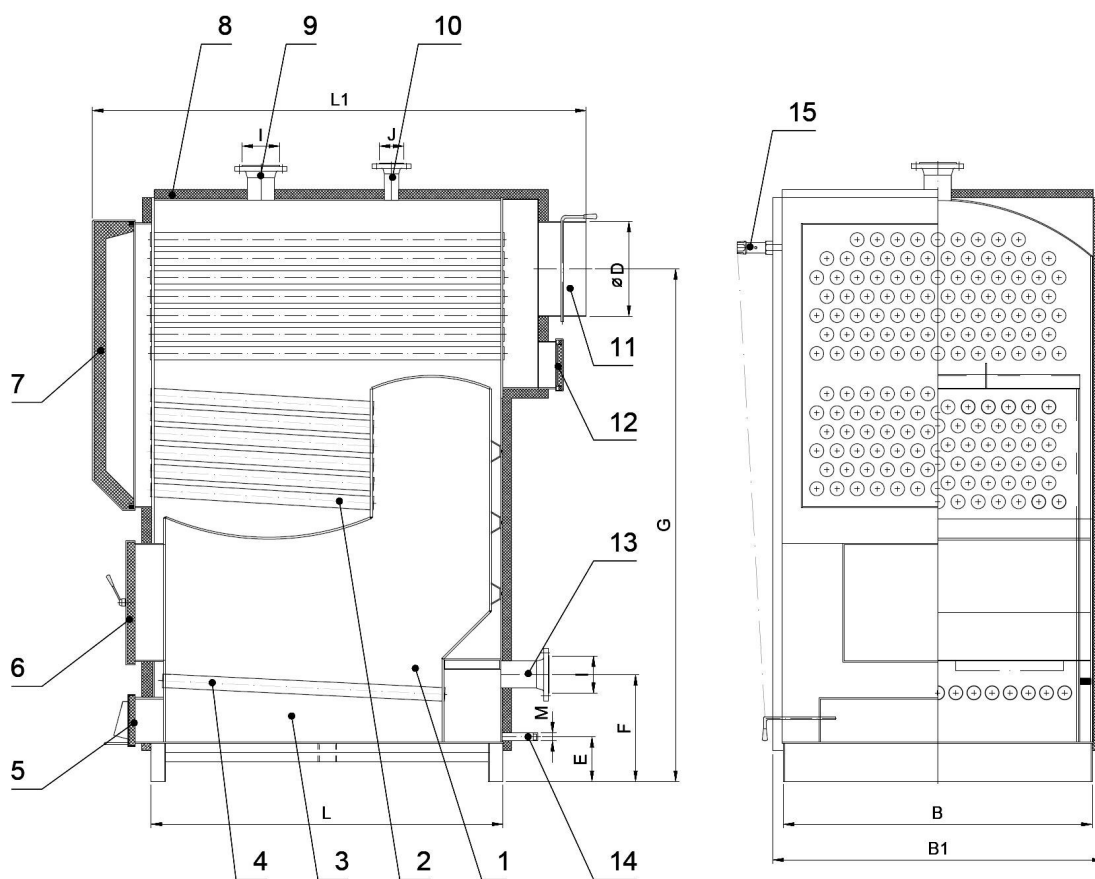


Hot water boiler type TKC



Hotwater boiler type TKC is designated for firing of all types of coal. The boiler has a large firing box which enables filling with large quantities of coal. The boiler is designed with three drafts, that enables good combustion and high utilization of heat energy up to 90%.The boiler is made ot of high quality boiler steel, with two capes, pipe heat exchanger and a water cooled grid. The boiler has a low heat losses because of good insulation. Cleaning and maintenance of the boiler is simple through the back opening and door at the front of the boiler.



- | | | |
|---------------------------|-------------------------------------|-------------------------------------|
| 1. Firing chamber | 6. Smoke connection | 11. Draft regulator |
| 2. Smoke pipes | 7. Starting conduit | 12. Cleaning door |
| 3. Ash area | 8. Security conduit | 13. Firing door |
| 4. Water cooled grid | 9. Returning conduit | 14. Doors for draft and ash removal |
| 5. Casing with insulation | 10. Filling and clearing connection | 15. Cleaning door |

| Boiler type | Capacity | Water quantity | B | B1 | H | L | L1 | E | F | G | D | I | J | M | Weight |
|-------------|----------|----------------|------|------|------|------|------|-----|-----|------|-----|-----|----|-----|--------|
| | kW | l | mm | | | | | | | | | | DN | col | kg |
| TKC 150 | 150 | 620 | 800 | 90 | 1950 | 1100 | 1700 | 175 | 450 | 1645 | 300 | 65 | 32 | 1 | 1250 |
| TKC 200 | 200 | 685 | 950 | 1050 | 1950 | 1100 | 1700 | 175 | 450 | 1645 | 300 | 80 | 40 | 1 | 1510 |
| TKC 250 | 250 | 740 | 1100 | 1200 | 1950 | 1100 | 1700 | 175 | 450 | 1620 | 350 | 80 | 40 | 1 | 1780 |
| TKC 300 | 300 | 805 | 1300 | 1400 | 2150 | 1100 | 1700 | 175 | 450 | 1820 | 350 | 100 | 50 | 1 | 2050 |
| TKC 400 | 400 | 1050 | 1300 | 1400 | 2350 | 1300 | 1900 | 175 | 450 | 2000 | 400 | 100 | 50 | 1 | 2580 |
| TKC 500 | 500 | 1485 | 1400 | 1500 | 2650 | 1500 | 2100 | 175 | 450 | 2300 | 400 | 100 | 50 | 1 | 3050 |
| TKC 650 | 650 | 2310 | 1700 | 1800 | 2950 | 1500 | 2100 | 175 | 450 | 2550 | 500 | 100 | 50 | 1 | 4250 |
| TKC 800 | 800 | 3250 | 1700 | 1800 | 3050 | 1800 | 2400 | 175 | 450 | 2650 | 500 | 125 | 65 | 1 | 5680 |