

BURNING SERIES

100.000 KCAL/H-20.000.000 KCAL/H heat capacity

SCOTCH TYPE LIQUID / GAS FUEL HOT WATER BOILER

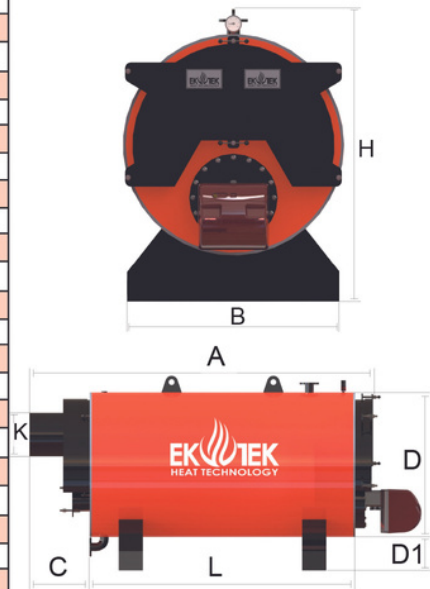


GENERAL INFORMATION AND MATERIAL QUALITY

- Our company is controlled and audited by EKOTEK, Brand-registered, ISO 9001:2015 quality management system. Our products are TSE CERTIFIED products.
- Welding processes are carried out by certified welders in accordance with approved WPS and WPQRs.
- The products used in production are all certified materials.
- Our boilers produced in TS EN 497 standards are certified with 97/23/AT Pressure Equipment Regulation module H Full Quality Assurance.
- Our products are manufactured using S235 JR quality sheet metal.
- Our products are manufactured using boiler pipes made of P235GH and higher quality steel in accordance with TS EN 10217-2 norm.

- Get support from engineering companies for central system gas opening works. Pe max:300 or pe 21 mbar gas line to the burner According to the burner gas pressure For the gas line Get information from our company.
- Do not forget to have a ce and tse certified chimney made for natural gas. Do not forget to get a chimney offer suitable for natural gas from our company.
- Thanks to its Scotch Type Three-pass design, it distributes the heat obtained equally to all surfaces, ensuring maximum heat transfer and saves fuel.
- These are our boilers that provide ECONOMIC ease of use with their high efficiency design and low fuel consumption.
- With the insulation we have made in our boilers, we minimize heat losses and provide fuel savings.

| MODEL | CAPACITY | | | Dimensions | | | | | | | | WATER VOLUME | BOILER FLANGES | | | | OPERATING PRESSURE | COUNTER PRESSURE | INSULATION PROPERTIES | APPROXIMATE WEIGHT |
|---------------|------------|--------|-------|------------|------|------|------|------|------|------|-------|--------------|----------------|--------------|--------|-----------|--------------------|------------------|-----------------------|--------------------|
| | | | | | | | | | | | | | WATER INLET | WATER OUTPUT | SAFETY | DISCHARGE | | | | |
| BIRIM | KCAL/H | KW | MW | A | B | C | D | H | K | L | LT | DN | DN | INCH | INCH | BAR | MBAR | MM | KG | |
| BURNING 100 | 100.000 | 116 | 0,12 | 1450 | 600 | 550 | 700 | 1100 | 150 | 1070 | 260 | 2" | 2" | 1 | 1 | 3 | 0,8 | 100 | 765 | |
| BURNING 130 | 130.000 | 151 | 0,15 | 1590 | 700 | 550 | 800 | 1150 | 170 | 1200 | 275 | 2" | 2" | 1 | 1 | 3 | 0,9 | 100 | 860 | |
| BURNING 150 | 150.000 | 174 | 0,17 | 1700 | 700 | 550 | 800 | 1150 | 170 | 1300 | 320 | 50 | 50 | 1 1/4 | 1 | 3 | 1 | 100 | 900 | |
| BURNING 160 | 160.000 | 186 | 0,19 | 1800 | 750 | 550 | 850 | 1250 | 200 | 1350 | 380 | 65 | 65 | 1 1/4 | 1 | 3 | 1,5 | 100 | 1200 | |
| BURNING 200 | 200.000 | 233 | 0,23 | 1900 | 750 | 550 | 850 | 1250 | 200 | 1420 | 420 | 65 | 65 | 1 1/4 | 1 | 3 | 1,5 | 100 | 1290 | |
| BURNING 250 | 250.000 | 291 | 0,29 | 1900 | 820 | 550 | 920 | 1370 | 200 | 1420 | 515 | 65 | 65 | 1 1/4 | 1 | 3 | 2 | 100 | 1450 | |
| BURNING 300 | 300.000 | 349 | 0,35 | 2120 | 1000 | 600 | 1100 | 1500 | 200 | 1550 | 675 | 80 | 80 | 1 1/2 | 1 | 3 | 2,5 | 100 | 1760 | |
| BURNING 350 | 350.000 | 407 | 0,41 | 2400 | 1000 | 600 | 1100 | 1500 | 250 | 1800 | 720 | 80 | 80 | 1 1/2 | 1 | 3 | 3 | 100 | 1980 | |
| BURNING 400 | 400.000 | 465 | 0,47 | 2600 | 1000 | 600 | 1100 | 1550 | 250 | 1900 | 970 | 80 | 80 | 1 1/2 | 1 | 3 | 3,5 | 100 | 2370 | |
| BURNING 450 | 450.000 | 523 | 0,52 | 2600 | 1100 | 700 | 1200 | 1650 | 250 | 1900 | 1050 | 80 | 80 | 1 1/2 | 1 | 3 | 4 | 100 | 2670 | |
| BURNING 500 | 500.000 | 581 | 0,58 | 2750 | 1300 | 700 | 1400 | 1800 | 300 | 1950 | 1230 | 100 | 100 | 2 | 1 | 4 | 4,3 | 100 | 3190 | |
| BURNING 600 | 600.000 | 698 | 0,70 | 2800 | 1300 | 700 | 1400 | 1800 | 300 | 2050 | 1320 | 100 | 100 | 2 | 1 | 4 | 4,7 | 100 | 3750 | |
| BURNING 700 | 700.000 | 814 | 0,81 | 2950 | 1300 | 700 | 1400 | 1850 | 350 | 2200 | 1585 | 100 | 100 | 2 | 1 | 4 | 5 | 100 | 4050 | |
| BURNING 800 | 800.000 | 930 | 0,93 | 3100 | 1420 | 700 | 1520 | 2000 | 350 | 2250 | 2105 | 100 | 100 | 2 | 1 | 4 | 5 | 100 | 4300 | |
| BURNING 900 | 900.000 | 1.047 | 1,05 | 3250 | 1550 | 700 | 1650 | 2150 | 400 | 2400 | 2350 | 100 | 100 | 2 | 1 | 4 | 5 | 100 | 4700 | |
| BURNING 1000 | 1.000.000 | 1.163 | 1,16 | 3550 | 1550 | 700 | 1650 | 2150 | 450 | 2700 | 3100 | 125 | 125 | 3 | 2 | 5 | 5,4 | 100 | 4950 | |
| BURNING 1250 | 1.250.000 | 1.453 | 1,45 | 3550 | 1600 | 750 | 1700 | 2200 | 500 | 2700 | 3290 | 125 | 125 | 3 | 2 | 5 | 6 | 100 | 5100 | |
| BURNING 1500 | 1.500.000 | 1.744 | 1,74 | 3750 | 1620 | 750 | 1720 | 2250 | 550 | 2900 | 3450 | 125 | 125 | 3 | 2 | 5 | 6 | 100 | 5300 | |
| BURNING 1750 | 1.750.000 | 2.035 | 2,03 | 3750 | 1750 | 750 | 1850 | 2380 | 550 | 2900 | 4750 | 150 | 150 | 4 | 2 | 5 | 6,5 | 100 | 5750 | |
| BURNING 2000 | 2.000.000 | 2.326 | 2,33 | 4000 | 1800 | 750 | 1900 | 2450 | 600 | 3150 | 6120 | 150 | 150 | 4 | 2 | 5 | 6,5 | 100 | 6070 | |
| BURNING 2500 | 2.500.000 | 2.907 | 2,91 | 4150 | 1850 | 800 | 1950 | 2500 | 650 | 3250 | 7040 | 150 | 150 | 4 | 2 | 6 | 6,5 | 100 | 7400 | |
| BURNING 3000 | 3.000.000 | 3.488 | 3,49 | 4550 | 1960 | 800 | 2060 | 2610 | 700 | 3650 | 8450 | 150 | 150 | 4 | 2 | 6 | 7 | 100 | 8350 | |
| BURNING 3500 | 3.500.000 | 4.070 | 4,07 | 4950 | 2050 | 800 | 2150 | 2750 | 750 | 4000 | 10200 | 200 | 200 | 4 | 2 | 6 | 7 | 100 | 9100 | |
| BURNING 4000 | 4.000.000 | 4.651 | 4,65 | 4950 | 2150 | 1000 | 2260 | 2900 | 800 | 4000 | 11850 | 200 | 200 | 4 | 2 | 6 | 7,5 | 100 | 10900 | |
| BURNING 4500 | 4.500.000 | 5.233 | 5,23 | 5750 | 2250 | 1000 | 2350 | 3000 | 850 | 4500 | 13500 | 200 | 200 | 4 | 2 | 6 | 8 | 100 | 12650 | |
| BURNING 5000 | 5.000.000 | 5.815 | 5,81 | 5750 | 2350 | 1000 | 2500 | 3100 | 900 | 4500 | 14250 | 200 | 200 | 4 | 2 | 6 | 8 | 100 | 14750 | |
| BURNING 6000 | 6.000.000 | 6.977 | 6,98 | 5750 | 2400 | 1000 | 2500 | 3200 | 1000 | 4500 | 15600 | 200 | 200 | 4 | 2 | 6 | 8 | 100 | 16250 | |
| BURNING 7000 | 7.000.000 | 8.140 | 8,14 | 6150 | 2550 | 1000 | 2650 | 3350 | 1100 | 4900 | 18500 | 200 | 200 | 4 | 2 | 6 | 9 | 100 | 18700 | |
| BURNING 8000 | 8.000.000 | 9.302 | 9,30 | 7000 | 2900 | 1250 | 3000 | 3700 | 1200 | 5750 | 19400 | 200 | 200 | 4 | 2 | 6 | 9 | 100 | 20350 | |
| BURNING 9000 | 9.000.000 | 10.465 | 10,47 | 7650 | 2950 | 1250 | 3050 | 3750 | 1300 | 6250 | 20750 | 250 | 250 | 4 | 2 | 6 | 9 | 100 | 21900 | |
| BURNING 10000 | 10.000.000 | 11.628 | 11,63 | 8200 | 3100 | 1250 | 3000 | 3650 | 1400 | 6750 | 21900 | 250 | 250 | 4 | 2 | 6 | 9,5 | 100 | 24350 | |
| BURNING 17000 | 17.000.000 | 19.767 | 19,77 | 8200 | 3350 | 1250 | 3300 | 3950 | 1500 | 6800 | 25750 | 250 | 250 | 4 | 2 | 6 | 9,5 | 100 | 27750 | |
| BURNING 19000 | 19.000.000 | 22.093 | 22,09 | 8250 | 3750 | 1300 | 3700 | 4350 | 1600 | 6650 | 31000 | 250 | 250 | 4 | 2 | 6 | 9,5 | 100 | 29500 | |
| BURNING 20000 | 20.000.000 | 23.256 | 23,26 | 8300 | 3800 | 1300 | 3750 | 4400 | 1650 | 6950 | 33350 | 250 | 250 | 4 | 2 | 6 | 9,5 | 100 | 36000 | |



EKOTEK HEAT TECHNOLOGIES HAVE THE RIGHT TO MAKE CHANGES IN STANDARDS, DESIGNS, VS, DIMENSIONS, WEIGHTS AND MODELS WITHOUT NOTICE.

NOTE: The recommended chimney diameter is calculated as an average of 400 m altitude. The diameter of the chimney is the minimum size and may vary.