

NA R

Liquid and Gas Fired, Backpressure Hot Water Boiler

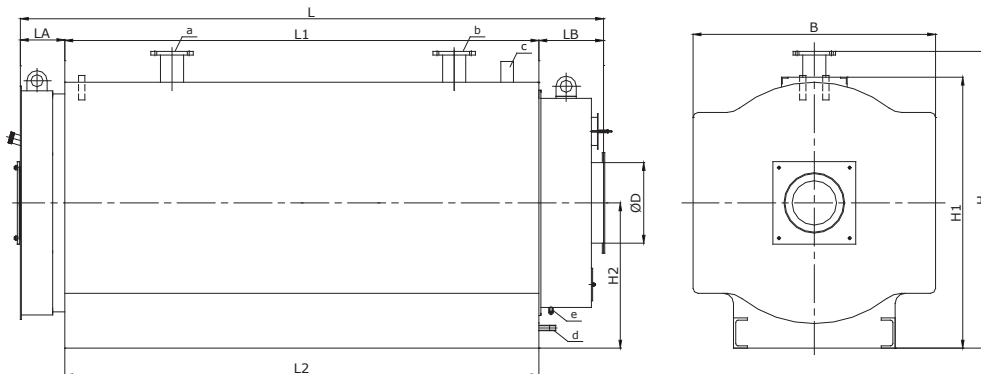


High efficiency, high saving rate

- * 4-6-8 bar operating pressure
- * Up to 93,7 % efficiency
- * Suitable for natural gas, LPG and liquid fuel, high efficiency and long life
- * Provides savings with low fuel consumption
- * Minimally affected by residues and calcification by virtue of its design
- * Its design that balances heat differences in the boiler enables easy expansion capability
- * Turbulators placed in smoke tubes enable maximum benefit .

NA R

Liquid and Gas Fired Two Pass Hot Water Boiler



| Technical Spec. | Unit | 60 | 80 | 100 | 130 | 160 | 200 | 250 | 320 | 400 | 500 | 640 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 |
|----------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|
| Capacity | kcal/h | 60.000 | 80.000 | 100.000 | 130.000 | 160.000 | 200.000 | 250.000 | 320.000 | 400.000 | 500.000 | 640.000 | 800.000 | 1000.000 | 1250.000 | 1600.000 | 2000.000 | 2500.000 |
| Capacity | kW | 70 | 93 | 116 | 151 | 186 | 233 | 291 | 372 | 465 | 581 | 744 | 930 | 1163 | 1453 | 1860 | 2326 | 2907 |
| L | mm | 1.070 | 1.070 | 1.305 | 1.370 | 1.385 | 1.385 | 1.665 | 1.810 | 2.036 | 2.247 | 2.497 | 2.910 | 2.951 | 3.206 | 3.532 | 3.552 | 3.922 |
| L1 | mm | 755 | 755 | 990 | 985 | 1.005 | 1.005 | 1.255 | 1.400 | 1.595 | 1.807 | 2.000 | 2.400 | 2.410 | 2.655 | 2.950 | 2.960 | 3.285 |
| L2 | mm | 740 | 740 | 975 | 1.000 | 990 | 990 | 1.240 | 1.385 | 1.579 | 1.792 | 1.987 | 2.400 | 2.400 | 2.655 | 2.940 | 2.950 | 3.295 |
| LA | mm | 130 | 130 | 130 | 170 | 170 | 170 | 185 | 185 | 185 | 185 | 190 | 190 | 225 | 225 | 246 | 246 | 251 |
| LB | mm | 205 | 205 | 205 | 220 | 230 | 230 | 245 | 240 | 278 | 275 | 330 | 320 | 335 | 336 | 356 | 356 | 376 |
| B | mm | 755 | 755 | 785 | 810 | 890 | 890 | 920 | 960 | 1.020 | 1.020 | 1.220 | 1.240 | 1.400 | 1.455 | 1.620 | 1.715 | 1.850 |
| H | mm | 948 | 950 | 953 | 968 | 1.060 | 1.085 | 1.105 | 1.140 | 1.213 | 1.213 | 1.390 | 1.465 | 1.577 | 1.632 | 1.780 | 1.902 | 2.117 |
| H1 | mm | 840 | 840 | 840 | 860 | 955 | 980 | 1.000 | 1.035 | 1.110 | 1.110 | 1.285 | 1.360 | 1.492 | 1.547 | 1.712 | 1.817 | 1.942 |
| H2 | mm | 465 | 465 | 458 | 460 | 510 | 535 | 540 | 555 | 600 | 600 | 675 | 740 | 770 | 797 | 880 | 938 | 995 |
| ØD | mm | 150 | 150 | 200 | 200 | 200 | 250 | 250 | 300 | 300 | 350 | 350 | 400 | 450 | 500 | 550 | 600 | 650 |
| Water Outlet (a) | DN | 50 | 50 | 50 | 50 | 65 | 65 | 65 | 65 | 80 | 80 | 100 | 100 | 125 | 125 | 150 | 150 | 200 |
| Water Inlet (a) | DN | 50 | 50 | 50 | 50 | 65 | 65 | 65 | 65 | 80 | 80 | 100 | 100 | 125 | 125 | 150 | 150 | 200 |
| Expansion (c) | inch | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 2" | 2" | 2" | 3" | 3" | 3" | 4" | 4" | 5" |
| Boiler Drain (d) | inch | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 2" | 2" | 2" | 2" | 2" |
| Smoke Box Drain Outlet (e) | inch | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" |
| Water Volume | lt | 122 | 120 | 175 | 178 | 234 | 233 | 282 | 305 | 377 | 446 | 841 | 942 | 1.360 | 1.573 | 2.403 | 2.926 | 3.221 |
| Counter pressure | mbar | 0,2 | 0,6 | 1 | 1,1 | 1,2 | 1,6 | 1,8 | 2 | 2,5 | 3,2 | 4,4 | 5,4 | 6,2 | 6,7 | 7 | 9 | 12 |