

# LAFAT kombinovani kotao

KOMBINOVANI KOTAO NA ČVRSTO GORIVO /  
COMBINED SOLID FUEL BOILER

15/20/25/30/35/40/50/70/90/110

## KOMBINOVANI KOTAO NA ČVRSTO GORIVO

Čelični toplovodni kotlovi LAFAT su namijenjeni za grijanje stambenih i poslovnih objekata, kao i velikih proizvodnih hala, bilo kao osnovni ili alternativni izvor topline. U osnovi su predviđeni za loženje čvrstog goriva, ali i lož ulja i peleta (sa jednostavnim dodatkom gorionika i automatike), u temperaturnom režimu 90/60 °C. Ložišni i kovektivni dio kotla izrađeni su od visokokvalitetnog lima debljine 5 mm i spojeni su savremenom tehnologijom rezanja i zavarivanja, čime se obezbeđuje visoka pouzdanost u radu kao i dug vijek trajanja kotla. Vrata za loženje su dovoljno velika tako da omogućavaju loženje krupnijih komada ogrijeva. Kotao je dobro toplotno izolovan staklenom vunom u kvalitetno izrađenoj limenoj oplati jednostavne i praktične montaže, koja se isporučuje posebno uz kotao. Montaža i puštanje u rad samog kotla su jednostavni, a priključci su standardni. Ispitivanje svakog kotla na curenje je dvostruko i vrši se na specijalnim napravama i uređajima. Kotao LAFAT zadovoljava sve evropske standarde i norme proizvodnje kotlova za centralno grijanje.



# LAFAT kombinovani kotao 15-110kW

Kombinovani kotao na čvrsto gorivo / Combined solid fuel boiler

| Naziv<br>Name   | Jedinica mjere<br>Unit of measure | KOTAO 15<br>BOILER 15 | KOTAO 20<br>BOILER 20 | KOTAO 25<br>KOTAO 25 | KOTAO 30<br>KOTAO 30 | KOTAO 35<br>KOTAO 35 |
|---|-----------------------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|
| Snaga<br>Power  | kW                                | 15                    | 20                    | 25                   | 30                   | 35                   |
| Dimenzije: Širina / Dubina / Visina<br>Dimensions: Width / Depth / Height | mm                                | 525x1025x1285         | 525x1025x1285         | 535x1065x1300        | 595x1085x1305        | 623x1300x1110        |
| Dimenzije ložišta<br>Firebox dimensions                                   | mm                                | 325x680x510           | 325x680x510           | 330x730x480          | 370x738x480          | 415x740x480          |
| Zapremina ložišta<br>Firebox volume                                       | m <sup>3</sup>                    | 0,1                   | 0,11                  | 0,11                 | 0,13                 | 0,14                 |
| Promjer dimnjače<br>Diameter of flue                                      | mm                                | 160                   | 160                   | 160                  | 180                  | 180                  |
| Grejna površina<br>Heating surface  | m <sup>2</sup>                    | 80                    | 100                   | 180                  | 220                  | 300                  |
| Težina<br>Weight  | kg                                | 253                   | 261                   | 265                  | 283                  | 305                  |
| Stepen iskorištenja<br>Degree of utilization                              | %                                 | 88,8                  | 88,8                  | 89,8                 | 89,8                 | 90,6                 |
| Količina vode u sistemu<br>Amount of water in the system                  | l                                 | 64                    | 69                    | 75                   | 90                   | 105                  |
| Polazni i povratni vod<br>Hot and return line                             | col                               | 5/4"                  | 5/4"                  | 5/4"                 | 5/4"                 | 5/4"                 |

| Naziv<br>Name   | Jedinica mjere<br>Unit of measure | KOTAO 40<br>BOILER 40 | KOTAO 50<br>BOILER 50 | KOTAO 70<br>KOTAO 70 | KOTAO 90<br>KOTAO 90 | KOTAO 110<br>KOTAO 110 |
|---|-----------------------------------|-----------------------|-----------------------|----------------------|----------------------|------------------------|
| Snaga<br>Power  | kW                                | 40                    | 50                    | 70                   | 90                   | 110                    |
| Dimenzije: Širina / Dubina / Visina<br>Dimensions: Width / Depth / Height | mm                                | 675x1090x1195         | 675x1140x1030         | 705x1260x1347        | 705x1255x1360        | 755x1335x1415          |
| Dimenzije ložišta<br>Firebox dimensions                                   | mm                                | 470x735x480           | 460x815x480           | 480x930x450          | 480x930x460          | 550x975x460            |
| Zapremina ložišta<br>Firebox volume                                       | m <sup>3</sup>                    | 0,16                  | 0,18                  | 0,2                  | 0,2                  | 0,25                   |
| Promjer dimnjače<br>Diameter of flue                                      | mm                                | 180                   | 180                   | 200                  | 200                  | 230                    |
| Grejna površina<br>Heating surface  | m <sup>2</sup>                    | 330                   | 500                   | 600                  | 700                  | 900                    |
| Težina<br>Weight  | kg                                | 320                   | 345                   | 385                  | 402                  | 445                    |
| Stepen iskorištenja<br>Degree of utilization                              | %                                 | 90,6                  | 90,6                  | 91                   | 91                   | 91                     |
| Količina vode u sistemu<br>Amount of water in the system                  | l                                 | 120                   | 140                   | 175                  | 195                  | 210                    |
| Polazni i povratni vod<br>Hot and return line                             | col                               | 5/4"                  | 5/4"                  | 2"                   | 2"                   | 2"                     |

## COMBINED SOLID FUEL BOILER

LAFAT steel hot water boilers are intended for heating residential and commercial buildings as well as large production facilities, either as a primary or alternative heat source. They are basically designed for solid fuel combustion, but also for fuel oil and pellet combustion (with the simple addition of burners and automatics), in the 90/60 °C temperature regime. The combustion and convective parts of the boiler are made of high quality sheet metal with a thickness of 5 mm and are combined with modern cutting and welding technology, which provides high reliability and long life of the boiler. The fire door is large enough to allow large pieces of heating to be fired. The boiler is well insulated with glass wool in a well-made tin plating of simple and practical installation, which is delivered especially with the boiler. Installation and commissioning of the boiler are easy and the connections are standard. Testing of each boiler for leakage is twofold and is performed on special devices and devices. The LAFAT boiler meets all European standards and production standards for district heating boilers.