

# compact system entsorgungstechnik

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**Hőlégfűvós kazán NEW LINE**



**Générateur d'aire chaude NEW LINE**



**Generadores de aire caliente NEW LINE**



CE

*Heating system for solid wood burning,  
such as piece wood, briquettes, pellets,  
wood chips, shavings*



*NEW for 2007: automatic feeding system*



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## entsorgungstechnik

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| Type                                                                        | M 15*            | CLM 30*          | CLM 55*          | CLM 85*          | CLM 120*         | CLM 175*          | CLM 240*          |
|-----------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| Hőteljesítmény<br>Puissance thermique<br>Potencia termica                   | 12.800<br>Kcal/h | 25.700<br>Kcal/h | 42.900<br>Kcal/h | 73.000<br>Kcal/h | 99.000<br>Kcal/h | 150.000<br>Kcal/h | 199.000<br>Kcal/h |
| Hőteljesítmény<br>Puissance thermique<br>Potencia termica                   | 14,9 kW          | 29,8 kW          | 49,76 kW         | 85 kW            | 115 kW           | 174,5 kW          | 233 kW            |
| Légszállítás<br>Flux air chaude<br>Capacidad de aire                        | 1.000 m³/h       | 2.200 m³/h       | 6.000 m³/h       | 6.400 m³/h       | 7.200 m³/h       | 12.800 m³/h       | 14.400 m³/h       |
| Kéményátmérő<br>Diamètre de la cheminée<br>Diámetro del hogar               | 150 mm           | 200 mm           | 200 mm           | 200 mm           | 200 mm           | 250 mm            | 250 mm            |
| Meleg levegő fúvóka<br>Ventilateur d'aire chaude<br>Motor distribution aire | 0,3 kW           | 0,55 kW          | 0,55 kW          | 1,1 kW           | 1,1 kW           | 2,2 kW            | 2,2 kW            |
| Feszültség<br>Puissance électrique<br>Potencia eléctrica                    | 230 V            | 230 V            | 400 V            | 400 V            | 400 V            | 400 V             | 400 V             |
| Tüztér<br>Volum de feu<br>Capacidad de fuego                                | 0,07 m³          | 0,11 m³          | 0,19 m³          | 0,28 m³          | 0,37 m³          | 0,54 m³           | 0,72 m³           |
| Kazánajtó<br>Porte de chargement<br>Portezuela de alimentación              | 400x300 mm       | 490x360 mm       | 490x360 mm       | 490x360 mm       | 490x360 mm       | 490x360 mm        | 490x360 mm        |
| Beadagolási magasság<br>Hauter de chargement<br>Altura del alimentación     | 750 mm           | 500 mm           | 500 mm           | 500 mm           | 500 mm           | 500 mm            | 500 mm            |
| Fűthető helyiség<br>Volum de espace réchuffe<br>Capacidad riscaldamento     | ca. 800 m³       | ca. 1.500 m³     | ca. 2.000 m³     | ca. 2.350 m³     | ca. 2.700 m³     | ca. 3.000 m³      | ca. 3.500 m³      |

| Type                  |           | M 15 | CLM 30 | CLM 55 | CLM 85 | CLM 120 | CLM 175 | CLM 240 |
|-----------------------|-----------|------|--------|--------|--------|---------|---------|---------|
| Méretek               | Lenght mm | 700  | 1250   | 1300   | 1410   | 1410    | 1410    | 1550    |
| Dimension             | Width mm  | 700  | 950    | 1050   | 1500   | 1500    | 1500    | 1515    |
| Dimensiones           | Height mm | 1400 | 1700   | 1700   | 2000   | 2000    | 2100    | 2100    |
| Törmeg - Poids - Peso | kg        | 280  | 340    | 360    | 400    | 450     | 500     | 550     |

### EMISSIONS for wood combustion (wood pieces, shavings, briquetts, hackled waste etc.)\*

| Type                   | M 15    | CLM 30  | CLM 55  | CLM 85  | CLM 120 | CLM 175 | CLM 240 |    |
|------------------------|---------|---------|---------|---------|---------|---------|---------|----|
| Flue diameter          | 150     | 200     | 200     | 200     | 200     | 250     | 250     | mm |
| Ø Air exhaust pipes    | 180     | 180     | 180     | 200     | 200     | 250     | 250     | mm |
| No. of exhaust pipes   | 2       | 3       | 3       | 3       | 3       | 3       | 3       | N  |
| Combustion capacity    | 14.90   | 29.80   | 49.90   | 85      | 115     | 174.5   | 233     | kW |
| Efficiency             | 80 - 90 | 85 - 92 | 85 - 90 | 85 - 92 | 83 - 90 | 83 - 92 | 85 - 90 | %  |
| Output pression        | 11      | 13      | 16      | 16      | 16.52   | 17.22   | 18      | Pa |
| Exhaust CO2 gas        | 6.5     | 6       | 6.5     | 6.6     | 6.8     | 6.9     | 7       | %  |
| Exhaust temperature    | 280     | 282     | 352     | 285     | 282     | 285     | 285     | °C |
| Lenght of flue chamber | 400     | 520     | 620     | 740     | 740     | 800     | 870     | mm |

\*The technical data and the emission values enclosed in this brochure can be modified because of general patches without any advice notice. The technical data are determined considering beech wood pieces with average humidity of approx. 12-15% and thermal effort of 4,5 kWh/kg. For obtaining an optimal combustion it is recommended to burn only dry fuel materials and furthermore it is strongly recommended to follow by charging the specified wood fuel combustion in the technical data sheet. The hot air heating system has always to be connected to the current, to prevent damages to the steel sheet plates of the combustion chamber. The air outlet blower starts/stops automatically.