

# ATTACK SLX wood boiler

## Technical data

| Parameter                                  | Unit            | SLX20     | SLX25     | SLX30     | SLX35     | SLX40     | SLX45     | SLX50     | SLX55     |
|--------------------------------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Nominal boiler output                      | kW              | 20        | 25        | 30        | 35        | 40        | 45        | 50        | 55        |
| Output range                               | kW              | 10 – 20   | 12.5 – 25 | 15 – 30   | 17.5 – 35 | 20 – 40   | 22.5 – 45 | 25 – 50   | 27.5 – 55 |
| Heat exchanger surface area                | m <sup>2</sup>  | 2.95      | 2.95      | 2.95      | 2.95      | 3.32      | 3.32      | 3.32      | 3.32      |
| Loading chamber volume without dry jackets | dm <sup>3</sup> | 200       | 200       | 200       | 200       | 230       | 230       | 230       | 230       |
| Rozmer plniaceho otvoru                    | mm              | 235 × 445 | 235 × 445 | 235 × 445 | 235 × 445 | 235 × 445 | 235 × 445 | 235 × 445 | 235 × 445 |
| Required chimney draught                   | Pa              | 23        | 23        | 23        | 23        | 23        | 23        | 23        | 23        |
| Required chimney draught                   | mbar            | 0.23      | 0.23      | 0.23      | 0.23      | 0.23      | 0.23      | 0.23      | 0.23      |
| Maximum water operating pressure           | kPa             | 250       | 250       | 250       | 250       | 250       | 250       | 250       | 250       |
| Water-side pressure drop (ΔT 10 K)         | kPa             | 1.9       | 2.1       | 2.4       | 2.7       | 3.9       | 4.5       | 5.2       | 6.1       |

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|---------------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Water-side pressure drop ( $\Delta T$ 20 K) | kPa  | 0.8   | 0.9   | 1.2   | 1.6   | 1.9   | 2.1   | 2.4   | 3.2   |
| Boiler weight                               | kg   | 570   | 570   | 570   | 570   | 650   | 650   | 650   | 650   |
| Flue outlet diameter                        | mm   | 150   | 150   | 150   | 150   | 150   | 150   | 150   | 150   |
| Boiler height                               | mm   | 1472  | 1472  | 1472  | 1472  | 1472  | 1472  | 1472  | 1472  |
| Boiler width                                | mm   | 703   | 703   | 703   | 703   | 703   | 703   | 703   | 703   |
| Boiler depth                                | mm   | 1337  | 1337  | 1337  | 1337  | 1506  | 1506  | 1506  | 1506  |
| Loading chamber depth                       | mm   | 650   | 650   | 650   | 650   | 750   | 750   | 750   | 750   |
| Flow connection diameter — E                | "    | G 6/4 | G 6/4 | G 6/4 | G 6/4 | G 2   | G 2   | G 2   | G 2   |
| Return connection diameter — F              | "    | G 6/4 | G 6/4 | G 6/4 | G 6/4 | G 2   | G 2   | G 2   | G 2   |
| Ingress protection rating                   | IP   | 21    | 21    | 21    | 21    | 21    | 21    | 21    | 21    |
| Electrical input at nominal output          | W    | 42    | 42    | 42    | 42    | 78    | 78    | 78    | 78    |

[illegible]

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|--------------------------------------------|------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Average wood consumption                   | kg/h | 5.2                     | 6.5                     | 7.8                     | 9.1                     | 10.4                    | 11.7                    | 13                      | 14.3                    |
| Estimated wood consumption per season      | —    | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> | 1 kW = 1 m <sup>3</sup> |
| Maximum log length                         | m    | 650                     | 650                     | 650                     | 650                     | 750                     | 750                     | 750                     | 750                     |
| Burn time at nominal output                | h    | 8                       | 7.2                     | 6.5                     | 5.8                     | 6                       | 5.1                     | 4.6                     | 4                       |
| Objem vody v kotle                         | l    | 117                     | 117                     | 117                     | 117                     | 136                     | 136                     | 136                     | 136                     |
| Supply voltage                             | V/Hz | ~230/50                 | ~230/50                 | ~230/50                 | ~230/50                 | ~230/50                 | ~230/50                 | ~230/50                 | ~230/50                 |
| Rozsah nastavenia teploty vykurovacej vody | °C   | 65 ÷ 85                 | 65 ÷ 85                 | 65 ÷ 85                 | 65 ÷ 85                 | 65 ÷ 85                 | 65 ÷ 85                 | 65 ÷ 85                 | 65 ÷ 85                 |
| PROFI controller contact rating            | —    | 2 A/ ~230 V             | 2 A/ ~230 V             | 2 A/ ~230 V             | 2 A/ ~230 V             | 2 A/ ~230 V             | 2 A/ ~230 V             | 2 A/ ~230 V             | 2 A/ ~230 V             |
| Minimum buffer tank volume                 | l    | 500                     | 600                     | 700                     | 800                     | 1000                    | 1100                    | 1200                    | 1300                    |
| Recommended buffer tank volume             | l    | 1000                    | 1400                    | 1600                    | 2000                    | 2200                    | 2500                    | 2800                    | 3000                    |