

Technical data



Accumulator 600-2000 liter

ENGLISH



ÖkoFEN Forschungs- & EntwicklungsgesmbH
A-4133 Niederkappel, Gewerbepark 1
Tel.: +43 (0) 72 86 / 74 50
Fax.: +43 (0) 72 86 / 74 50 - 10
E-Mail: oekofen@pelletsheizung.at
www.oekofen.com

Technical data

| Accumulator | 600 | 800 | 1000 | 1500 ** | 2000 ** |
|-----------------------------|-------------|-------------|--------------|------------|------------|
| Tank volume | 571 liter | 732 liter | 925 liter | 1515 liter | 2054 liter |
| Diameter without insulation | 700 mm | 790 mm | 790 mm | 1.000 mm | 1100 mm |
| Diameter with insulation | 900 mm | 990 mm | 990 mm | 1200 mm | 1300 mm |
| Height without insulation | 1644 mm | 1686 mm | 2041 mm | 2152 mm | 2377 mm |
| Height with insulation | 1700 mm | 1760 mm | 2090 mm | 2200 mm | 2420 mm |
| Tilted height | 1690 mm | 1740 mm | 2085 mm | 2215 mm | 2450 mm |
| Weight (depending on type) | 84 - 156 kg | 97 - 202 kg | 114 - 232 kg | 162 kg | 225 kg |
| Energy efficiency class | C | | | | D |

| Materials | | | | | |
|---|-----------|-----------|-----------|-----------|-----------|
| Tank | ST 235 JR | ST 235 JR | ST 235 JR | ST 235 JR | ST 235 JR |
| Corrugated pipe heat exchanger for drinking water | 1.4404 | 1.4404 | 1.4404 | - | - |
| Smooth pipe heat exchanger | ST 235 JR | ST 235 JR | ST 235 JR | - | - |

| Max. operating pressure | | | | | |
|---|--------|--------|--------|-------|-------|
| Heating circuit | 3 bar | 3 bar | 3 bar | 3 bar | 3 bar |
| Corrugated pipe heat exchanger for drinking water | 10 bar | 10 bar | 10 bar | - | - |
| Solar smooth pipe heat exchanger | 10 bar | 10 bar | 10 bar | - | - |

| Heat exchanger area (depending on type) | | | | | |
|---|--------------------|--------------------|--------------------|---|---|
| Corrugated pipe heat exchanger for drinking water | 5 m ² | 6 m ² | 7,5 m ² | - | - |
| 1. Solar smooth pipe heat exchanger | 2,4 m ² | 2,8 m ² | 3,0 m ² | - | - |
| 2. Solar smooth pipe heat exchanger | - | 2,0 m ² | 2,4 m ² | - | - |

| Heat exchanger capacity | | | | | |
|---|------|------|------|---|---|
| Corrugated pipe heat exchanger for drinking water | 25 l | 30 l | 38 l | - | - |
| 1. Solar smooth pipe heat exchanger | 18 l | 21 l | 23 l | - | - |
| 2. Solar smooth pipe heat exchanger | - | - | 18 l | - | - |

| NL rating according to DIN 4708-3 *** | | | | | |
|---------------------------------------|--------|--------|------|--|--|
| With 12 kW afterheating | NL 2 | NL 2 | NL 4 | | |
| With 15 kW afterheating | NL 2,5 | NL 2,5 | NL 5 | | |
| With 20 kW afterheating | NL 3 | NL 3 | NL 6 | | |
| With 25 kW afterheating | NL 4 | NL 4 | NL 7 | | |
| With 32 kW afterheating | | NL 4,5 | NL 8 | | |
| With 36 kW afterheating | | NL 5 | NL 9 | | |

| Discharge | | | | | |
|---|----------|----------|----------|---|---|
| without afterheating (at 63° C accumulator temp., through-loaded, 40° C water delivery, 15 l/min) | 480 l | 555 l | 720 l | - | - |
| Max. water delivery* | 30 l/min | 30 l/min | 50 l/min | - | - |

| Energy efficiency labelling | | | | | |
|-----------------------------|--------|------|------|------|------|
| Fleece-insulation | 100 mm | | | | |
| Standby losses [kWh/24h] | 2,71 | 2,81 | 3,46 | 4,09 | 4,90 |
| Energy efficiency class | C | C | C | C | D |
| Standing loss [W] | 113 | 117 | 144 | 170 | 204 |
| Soft foam insulation | 100 mm | | | | |
| Energy efficiency class | C | | | | |
| Standing loss [W] | 114 | 132 | 145 | 170 | 190 |

* dependent on structural parameters such as water pipe sizes.

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