



This buffer storage tank fulfills the highest demands on heat storage. Due to its highly efficient insulation, the heat-retaining loss is significantly reduced compared to common storage tanks. The purpose of the buffer storage tank is to balance the difference between generated heat and consumed heat. So the heat generators can be operated more independently from the consumption.

Data pursuant to EU regulation 812/2013

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|---------------------------------------|---------------------------------------|
| Name of supplier's trade marks: | OEG GmbH |
| Model identification of the supplier: | 516005300 - Buffer storage tank 500 l |
| Energy efficiency class of the model: | A+ |
| Heat retaining losses in watts: | 43 |
| Storage tank volume in litres: | 516 |

General

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|--|-------------------------|
| OEG Nr.: | 516005300 |
| Rated volume according to EN 12897: | 500 |
| Colour: | silver |
| Insulation according to DIN 4102-1 Fire Protection Class B2: | solid foamed insulation |
| Weight [kg]: | 96 |
| Total height including insulation [mm]: | 1770 |
| Diameter with insulation [mm]: | 760 |
| Tilt height [mm]: | 1925 |

Energy

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|--|-------|
| Energy efficiency class according to EU regulation no. 812/2013: | A+ |
| Heat retaining loss according to EN 12897 [W]: | 43 |
| Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]: | 1,032 |



Tank

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|--|-----|
| Real volume according to EN 12897 [l]: | 516 |
| p _{max} Tank [bar]: | 3 |
| t _{max} Tank [°C]: | 95 |
| t _{min} Tank [°C]: | 20 |

Connections

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|---|-----------|
| Connection layout: | 180° |
| Connection sensor [Ø mm / terminal]: | 6 mm |
| Connection heat generator [thread]: | R 1" |
| Connection heating element [thread]: | Rp 1 1/2" |
| Max. immersion depth of screw-in heater [mm]: | 600 |