



This OEG buffer storage tank fulfills the highest demands on heat storage, particularly where those heat generators are used which achieve their optimal efficiency only under full load. (e.g. many solid fuel boilers). During the operation of the heat generator, more heat is produced than the consumers take. The excess heat heats the water of the buffer tank and is therefore stored. During stand-still periods this heat can be later retrieved, as needed. The OEG buffer storage tank is suitable as a primary cylinder for solar systems, heat pumps, wood- or pellet boilers and can also be used in district heating systems.

## Generale

|                                                                           |                                              |
|---------------------------------------------------------------------------|----------------------------------------------|
| OEG Nr.:                                                                  | 516008101                                    |
| Capacità nominale a norma EN 12897:                                       | 4000                                         |
| Colore:                                                                   | red                                          |
| Isolamento secondo la DIN 4102-1 con classe di protezione antincendio B2: | removable PES fleece insulation 0.036 W/(mK) |
| Peso [kg]:                                                                | 425                                          |
| Altezza totale con isolamento [mm]:                                       | 2900                                         |
| Diametro senza isolamento [mm]:                                           | 1400                                         |
| Diametro con isolamento [mm]:                                             | 1600                                         |
| Misura diagonale [mm]:                                                    | 2935                                         |

## Serbatoio

|                             |    |
|-----------------------------|----|
| $p_{\max}$ Serbatoio [bar]: | 3  |
| $t_{\max}$ Serbatoio [°C]:  | 95 |
| $t_{\min}$ Serbatoio [°C]:  | 20 |

## Raccordi

|                                                               |           |
|---------------------------------------------------------------|-----------|
| Provvedimento di raccordi:                                    | 90°       |
| Raccordo sonda [Ø mm / morsetto]:                             | 6 mm      |
| Raccordo generatore di calore [filettatura]:                  | Rp 1 1/2" |
| Raccordo resistenza elettrica [filettatura]:                  | Rp 1 1/2" |
| Riscaldatore a vite con profondità massima a immersione [mm]: | 1450      |