

# Rezervorul de stocare a apei calde pentru panouri solare Ideval IDVL-LS 1500

*Tanc de incalzire cu sistem stratificat montat.*

Rezervorul de stocare Ideval IDVL-LS 1500 stocheaza energia trimisa in straturi. Astfel, contributiile diferitelor surse de caldura se combina si caldura acumulata se foloseste in functie de nevoie. Utilizarea stratificata garanteaza cea mai inalta energie eficienta. Se absoarbe excesul de energie si, practic, se elimina posibilitatea pierderii de caldura ca la tancurile standard.

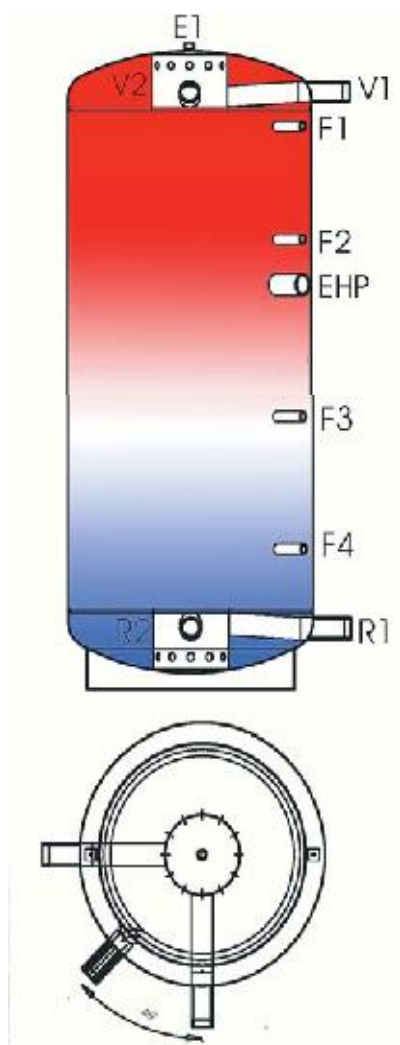


## Detalii:

Ca tanc de stocare este ideal pentru sisteme de incalzire cu lemne;  
Potrivit pentru instalarea sistemelor de baterii;  
Materialul tancului de stocare este realizat din otel superior S235JR;  
4× Racord DN40-1 ½" aranjate in unghiuri de 90°;  
Poate fi pozitionat si in colt;  
Test de presiune max. 13 bar;  
Presiune de operare max. 6 bar;  
Temperatura de operare max. 95 °C;  
Etansare dubla in cusatura longitudinala;  
Protejat impotriva coroziunii;  
Izolare 100 mm, spuma moale cu folie PE;  
Posibil instalarea unui sistem de incalzire electric adecvat.

|                           | LS<br>500  | LS<br>800  | LS<br>1000    | LS<br>1500    | LS<br>2200    | LS<br>2500    | LS<br>3000    | LS<br>5000    |
|---------------------------|------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Capacitate                | 500 Litri  | 800 Litri  | 1000<br>Litri | 1500<br>Litri | 2000<br>Litri | 2500<br>Litri | 3000<br>Litri | 5000<br>Litri |
| Izolatie                  | 100 mm     | 100 mm     | 100 mm        | 100 mm        | 100 mm        | 100 mm        | 100 mm        | 100 mm        |
| Diametru(fara<br>ISO)     | 650 mm     | 790 mm     | 790 mm        | 1000<br>mm    | 1250<br>mm    | 1250<br>mm    | 1250<br>mm    | 1600<br>mm    |
| Inaltime fara<br>izolatie | 1640<br>mm | 1830<br>mm | 2010<br>mm    | 2140<br>mm    | 2090<br>mm    | 2240<br>mm    | 2690<br>mm    | 2790<br>mm    |
| Greutate                  | 84 kg      | 136 kg     | 142 kg        | 206 kg        | 285 kg        | 304 kg        | 334 kg        | 696 kg        |

## Rezervorul de stocare Ideval IDVL-LS 1500: Anexe si sectiune transversala

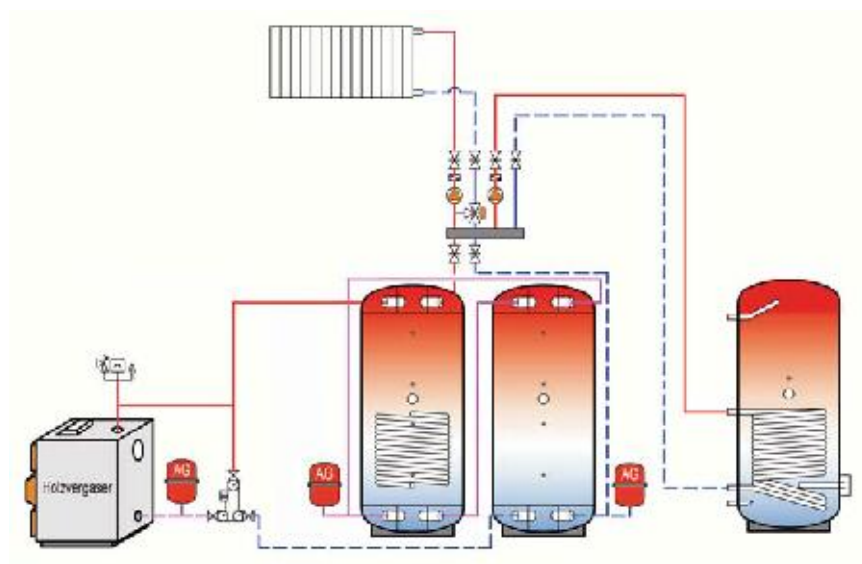


|                             | U. | LS<br>500 | LS<br>800 | LS<br>1000 | LS<br>1500 | LS<br>2200 | LS<br>2500 | LS<br>3000 | LS<br>5000 |
|-----------------------------|----|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Capacitate<br>apa calorifer | L  | 500       | 800       | 1000       | 1500       | 2200       | 2500       | 3000       | 5000       |
| Diametru<br>neizolat        | mm | 650       | 790       | 790        | 1000       | 1250       | 1250       | 1250       | 1600       |
| Diametru<br>izolat          | mm | 850       | 990       | 990        | 1200       | 1450       | 1450       | 1450       | 1800       |
| Inaltine<br>neizolat        | mm | 1640      | 1830      | 2010       | 2140       | 2090       | 2240       | 2690       | 2790       |
| Inaltime<br>izolat          | mm | 1720      | 1910      | 2110       | 2220       | 2170       | 2320       | 2890       | 2990       |
| Inclinare<br>masurata       | mm | 1700      | 1950      | 2100       | 2250       | 2300       | 2450       | 2900       | 3100       |
| Izolarea cu                 | mm | 100       | 100       | 100        | 100        | 100        | 100        | 100        | 100        |

|                                                        |     |            |             |             |             |             |             |             |             |
|--------------------------------------------------------|-----|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Spuma<br>(exterior<br>PVC)                             |     |            |             |             |             |             |             |             |             |
| Temp.<br>operare<br>tanc max.                          | ° C | 95         | 95          | 95          | 95          | 95          | 95          | 95          | 95          |
| Presiune<br>operare<br>tanc max.                       | bar | 6          | 6           | 6           | 6           | 6           | 6           | 6           | 6           |
| Greutate<br>cu/fara<br>schimbator<br>solar             | kg  | 84/<br>114 | 136/<br>171 | 142/<br>194 | 206/<br>248 | 285/<br>342 | 306/<br>361 | 334/<br>400 | 696/<br>735 |
| Suprafata<br>incalzita<br>schimbator<br>caldura solara | mm  | 3,0        | 3,5         | 4,0         | 4,5         | 5,0         | 5,0         | 5,0         | 5,0         |
| Capacitate<br>schimbator<br>caldura<br>solara          | L   | 14,1       | 16,5        | 18,9        | 21,2        | 23,5        | 23,5        | 23,5        | 23,5        |
| Presine<br>operare<br>schimbator                       | bar | 10         | 10          | 10          | 10          | 10          | 10          | 10          | 10          |
| Temperatura<br>operare<br>schimbator                   | ° C | 110        | 110         | 110         | 110         | 110         | 110         | 110         | 110         |
| E1. Aerisire<br>1 ½ IG                                 |     | sus        | sus         | sus         | sus         | sus         | sus         | sus         | sus         |
| V1.Tur<br>cazan/<br>calorifer<br>1 ½ "IG               | mm  | 1510       | 1690        | 1870        | 1935        | 1860        | 1985        | 2460        | 2480        |
| V2. Tur<br>calorifer/<br>cazan<br>1 ½ "IG              | mm  | 1510       | 1690        | 1870        | 1935        | 1860        | 1985        | 2460        | 2480        |
| F1.Furtune<br>de umplere<br>1 ½ "IG                    | mm  | 1420       | 1590        | 1770        | 1825        | 1735        | 1875        | 2330        | 2330        |
| F2.Furtune<br>de umplere<br>1 ½ "IG                    | mm  | 1120       | 1290        | 1370        | 1425        | 1455        | 1475        | 1820        | 1830        |
| F3.Furtune<br>de umplere<br>1 ½ "IG                    | mm  | 670        | 730         | 770         | 825         | 855         | 845         | 950         | 1060        |
| F4.Furtune<br>de umplere                               | mm  | 340        | 370         | 370         | 425         | 555         | 545         | 550         | 550         |

|                                               |    |      |      |      |      |      |      |      |      |
|-----------------------------------------------|----|------|------|------|------|------|------|------|------|
| 1 ½ "IG                                       |    |      |      |      |      |      |      |      |      |
| EHP.E-<br>Calorifer<br>1 ½ "IG                | mm | 1000 | 1060 | 1140 | 1225 | 1305 | 1325 | 1670 | 1640 |
| SV.Solar<br>Tur 1½ "IG                        | mm | 800  | 830  | 990  | 925  | 1045 | 1045 | 1220 | 1220 |
| SR.Solar<br>Retur 1½ "IG                      | mm | 240  | 270  | 270  | 325  | 445  | 445  | 455  | 455  |
| R1.Cazan<br>Retur 1½ "IG                      | mm | 150  | 170  | 170  | 225  | 335  | 335  | 340  | 340  |
| R2.Calorifer<br>Retur 1½ "IG                  | mm | 150  | 170  | 170  | 225  | 335  | 335  | 340  | 340  |
| Sistem<br>stratificat<br>(sus/jos)            | mm | 170  | 185  | 185  | 200  | 200  | 200  | 200  | 200  |
| Imersie de<br>incalzire<br>max.<br>(optional) | mm | 6    | 9    | 9    | 9    | 9    | 9    | 9    | 9    |

### Exemplu anexa



**Schema anexei serveste ca propunere de montaj si nu inlocuieste planul de specialitate!**