



Efficiency and reliability, every day!

FORCED CIRCULATION TANKS FOR HEAT PUMP

160 - 1000Lt



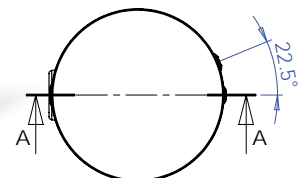
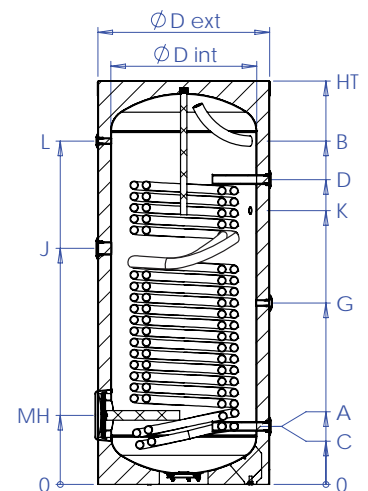
*The solution
for big installations*

| MODEL | | 160lt Ø600 | 200lt Ø600 | 300lt Ø600 | 400lt Ø700 | 500lt Ø700 | 800lt Ø990 | 1000lt Ø990 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Capacity | Lt | 150 | 181 | 276 | 368 | 429 | 750 | 933 |
| Net weight | kg | 87 | 105 | 151 | 179 | 211 | 277 | 342 |
| Insulation | mm | 50 | 50 | 50 | 50 | 50 | 70 | 70 |
| Heat exchanger surface C1 | m ² | 1,80 | 2,62 | 3,77 | 4,76 | 6,00 | 6,55 | 8,20 |
| Heat exchanger capacity C1 | Lt | 9 | 13 | 18 | 23 | 29 | 43 | 54 |
| Heat Exchanger output (60-80°C) C1 | kW | 43 | 63 | 90 | 114 | 144 | 157 | 197 |
| Heat Exchanger Continuous Flow Rate (60-80°C) C1 | l/h | 1059 | 1545 | 2223 | 2807 | 3538 | 3863 | 4836 |
| Heat losses ΔT 45K | kW/24h | 1,4 | 1,5 | 1,7 | 2,2 | 2,5 | 3,2 | 3,5 |
| Energy efficiency class | | B | B | B | C | C | C | C |
| Maximum operational temperature | °C | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| Rated pressure | bar | 10 | 10 | 10 | 10 | 10 | 8 | 8 |
| Rated pressure of the heat exchanger | bar | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

| MODEL | | | 160lt Ø600 | 200lt Ø600 | 300lt Ø600 | 400lt Ø700 | 500lt Ø700 | 800lt Ø990 | 1000lt Ø990 |
|-------------------|-------|----|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| External Diameter | D ext | mm | 600 | 600 | 600 | 700 | 700 | 990 | 990 |
| Internal Diameter | D int | mm | 500 | 500 | 500 | 600 | 600 | 850 | 850 |
| Height | HT | mm | 1035 | 1230 | 1760 | 1655 | 1900 | 1770 | 2100 |
| Manhole | MH | mm | 287 | 287 | 287 | 283 | 283 | 459 | 459 |
| Cold Water Inlet | A | mm | 242 | 242 | 242 | 238 | 238 | 331 | 331 |
| Hot Water Outlet | B | mm | 787 | 982 | 1512 | 1408 | 1658 | 1372 | 1727 |
| Lower HE Outlet | C | mm | 242 | 242 | 242 | 238 | 238 | 331 | 331 |
| Lower HE Inlet | D | mm | 787 | 982 | 1222 | 1283 | 1488 | 1206 | 1361 |
| Upper HE Outlet | E | mm | - | - | - | - | - | - | - |
| Upper HE Inlet | F | mm | - | - | - | - | - | - | - |
| Sensor Pocket 1 | G | mm | 515 | 612 | 732 | 761 | 863 | 769 | 846 |
| Sensor Pocket 2 | H | mm | - | - | - | - | - | - | - |
| Heating Element | J | mm | 557 | 694 | 1012 | 858 | 993 | 994 | 1154 |
| Recirculation | K | mm | 602 | 735 | 1088 | 1018 | 1184 | 1025 | 1262 |
| Thermometer | L | mm | 787 | 982 | 1512 | 1408 | 1658 | 1372 | 1727 |

NOTE: Dimensional tolerance ±10mm

| | | 160lt-500lt | 800lt-1000lt |
|-------------------|-------|-------------|--------------|
| Height | HT | | |
| External Diameter | D ext | | |
| Internal Diameter | D int | | |
| Manhole | MH | Ø180 | Ø300 |
| Cold Water Inlet | A | F 1" | F 1 1/2" |
| Hot Water Outlet | B | F 1" | F 1 1/2" |
| Lower HE Outlet | C | F 1" | F 1 1/2" |
| Lower HE Inlet | D | F 1" | F 1 1/2" |
| Sensor Pocket 1 | G | F 1/2" | F 1/2" |
| Heating Element | J | F 1 1/2" | F 1 1/2" |
| Recirculation | K | F 3/4" | F 3/4" |
| Thermometer | L | F 1/2" | F 1/2" |

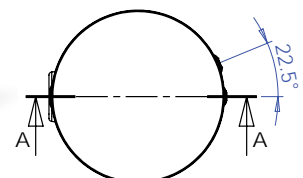
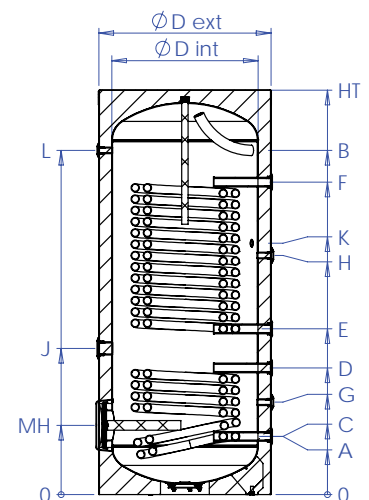


| MODEL | | 200lt Ø600 | 300lt Ø600 | 400lt Ø700 | 500lt Ø700 | 800lt Ø990 | 1000lt Ø990 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Capacity | Lt | 184 | 272 | 369 | 431 | 746 | 919 |
| Net Weight | kg | 102 | 164 | 177 | 212 | 294 | 346 |
| Insulation | mm | 50 | 50 | 50 | 50 | 70 | 70 |
| Heat Exchanger Surface C1 | m ² | 1,65 | 3,12 | 3,06 | 4,21 | 4,54 | 6,18 |
| Heat Exchanger Surface C2 | m ² | 0,64 | 1,14 | 1,51 | 1,51 | 2,44 | 3,66 |
| Heat Exchanger Capacity C1 | Lt | 8 | 15 | 15 | 21 | 30 | 40 |
| Heat Exchanger Capacity C2 | Lt | 3 | 6 | 7 | 7 | 16 | 24 |
| Heat Exchanger output (60-80°C) C1 | kW | 40 | 75 | 73 | 101 | 109 | 148 |
| Heat Exchanger output (60-80°C) C2 | kW | 15 | 27 | 36 | 36 | 59 | 88 |
| Heat Exchanger Continuous Flow Rate (60-80°C) C1 | l/h | 973 | 1840 | 1805 | 2483 | 2677 | 3644 |
| Heat Exchanger Continuous Flow Rate (60-80°C) C2 | l/h | 377 | 672 | 890 | 890 | 1439 | 2158 |
| Heat losses ΔT 45K | kW/24h | 1,5 | 1,7 | 2,2 | 2,5 | 3,2 | 3,5 |
| Energy efficiency class | | B | B | C | C | C | C |
| Maximum operational temperature | °C | 95 | 95 | 95 | 95 | 95 | 95 |
| Rated pressure | bar | 10 | 10 | 10 | 10 | 8 | 8 |
| Rated pressure of the heat exchanger | bar | 6 | 6 | 6 | 6 | 6 | 6 |

| MODEL | | | 200lt Ø600 | 300lt Ø600 | 400lt Ø700 | 500lt Ø700 | 800lt Ø990 | 1000lt Ø990 |
|-------------------|-------|----|---------------|---------------|---------------|---------------|---------------|----------------|
| External Diameter | D ext | mm | 600 | 600 | 700 | 700 | 990 | 990 |
| Internal Diameter | D int | mm | 500 | 500 | 600 | 600 | 850 | 850 |
| Height | HT | mm | 1230 | 1760 | 1655 | 1900 | 1770 | 2100 |
| Manhole | MH | mm | 287 | 287 | 283 | 283 | 459 | 459 |
| Cold Water Inlet | A | mm | 242 | 242 | 238 | 238 | 331 | 331 |
| Hot Water Outlet | B | mm | 982 | 1512 | 1408 | 1658 | 1372 | 1727 |
| Lower HE Outlet | C | mm | 242 | 242 | 238 | 238 | 331 | 331 |
| Lower HE Inlet | D | mm | 462 | 582 | 608 | 608 | 661 | 811 |
| Upper HE Outlet | E | mm | 562 | 742 | 768 | 738 | 802 | 977 |
| Upper HE Inlet | F | mm | 982 | 1492 | 1408 | 1658 | 1372 | 1727 |
| Sensor Pocket 1 | G | mm | 352 | 412 | 423 | 423 | 496 | 571 |
| Sensor Pocket 2 | H | mm | 772 | 1117 | 1088 | 1198 | 1087 | 1352 |
| Heating Element | J | mm | 512 | 662 | 688 | 673 | 732 | 894 |
| Recirculation | K | mm | 735 | 1088 | 1018 | 1184 | 1025 | 1262 |
| Thermometer | L | mm | 982 | 1512 | 1408 | 1658 | 1372 | 1727 |

NOTE: Dimensional tolerance ±10mm

| | | 160lt-500lt | 800lt-1000lt |
|---------------------|-------|-------------|--------------|
| Height | HT | | |
| External dimensions | D ext | | |
| Internal dimensions | D int | | |
| Manhole | MH | Ø180 | Ø300 |
| Cold water Inlet | A | F 1" | F 1 1/2" |
| Hot water Outlet | B | F 1" | F 1 1/2" |
| Lower HE Outlet | C | F 1" | F 1 1/2" |
| Lower HE Inlet | D | F 1" | F 1 1/2" |
| Upper HE Outlet | E | F 1" | F 1 1/2" |
| Upper HE Inlet | F | F 1" | F 1 1/2" |
| Sensor pocket 1 | G | F 1/2" | F 1/2" |
| Sensor pocket 2 | H | F 1/2" | F 1/2" |
| Heating element | J | F 1 1/2" | F 1 1/2" |
| Recirculation | K | F 3/4" | F 3/4" |
| Thermometer | L | F 1/2" | F 1/2" |



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160 - 1000Lt

NOBEL INTERNATIONAL EAD
SOLAR WATER HEATING SYSTEMS INDUSTRY

48 Vitosha Blvd., Elin Pelin 2100 - Sofia Region, Bulgaria
Tel.: +359 2 4210232 email: info@nobel.bg

www.nobel.bg

