

Cold Water Storage Tanks  
MINI-HC Serie  
(Hot & Cold wall-mounted)



fiorini

# Cold Water Storage Tanks

## MINI-HC Serie (Hot & Cold wall-mounted)

The MINI-HC series includes heat sink tanks for "Hot & Cold" plants suitable for use with heat pumps, perform hydraulic circuit breaker functions (making the flows of the two circuits independent) and the thermal fly-wheel (to minimize the heat pump starts). The MINI-HC has two additional connections dedicated to a supplementary source.

**Material:** carbon steel

**External covering:** painted galvanized metal sheet

### Insulation

| Capacity (l) | Type                                 |
|--------------|--------------------------------------|
| 40, 80       | High density rigid polyurethane foam |

### Operational limits

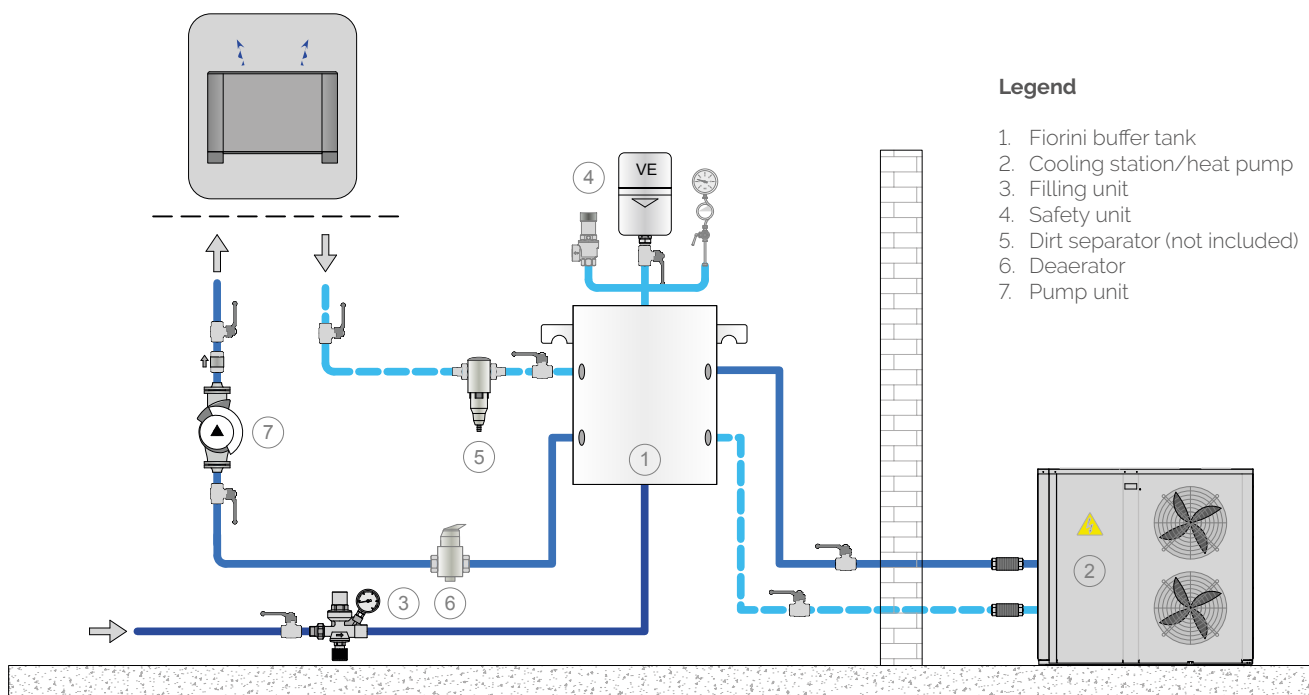
| Min. temperature | Max. temperature | Max. pressure |
|------------------|------------------|---------------|
| -10 °C           | 90 °C            | 6 bar         |

| Capacity l | MINI wall-mounted |       | Energy label | Vertical packaging |           |
|------------|-------------------|-------|--------------|--------------------|-----------|
|            | Code              | Price |              | Dimensions cm      | Weight kg |
| 40         | 817010175X        |       | B            | 50x50x50           | 25        |
| 80         | 817010176X        |       | B            | 50x50x100          | 35        |

 **Standard Accessories:** see pag. 128 resistor see pag. 276



TESTED



### Legend

1. Fiorini buffer tank
2. Cooling station/heat pump
3. Filling unit
4. Safety unit
5. Dirt separator (not included)
6. Deaerator
7. Pump unit

# Cold Water Storage Tanks: Dimensions

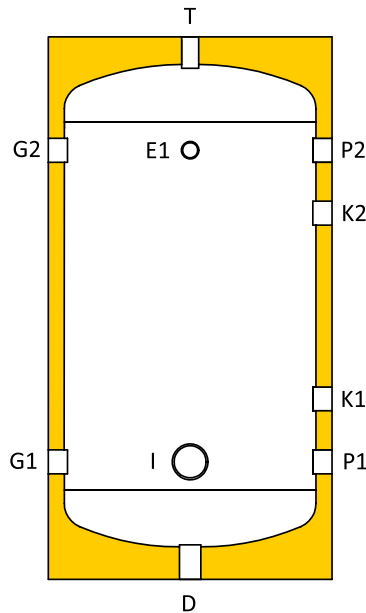
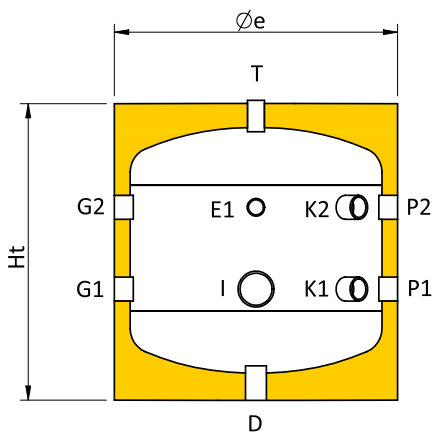
## MINI-HC series

cap. = 40

cap. = 80

### Couplings legend

|    |                     |
|----|---------------------|
| D  | Drain               |
| E1 | Probe / Thermometer |
| G1 | From plant          |
| G2 | To plant            |
| I  | Electrical resistor |
| K1 | Auxiliary           |
| K2 | Auxiliary           |
| P1 | To energy source    |
| P2 | From energy source  |
| T  | Vent                |



### Couplings chart

| Capacity<br>l | D<br>inch | E<br>inch | G1<br>inch | G2<br>inch | I<br>inch | K1<br>inch | K2<br>inch | P1<br>inch | P2<br>inch | T<br>inch |
|---------------|-----------|-----------|------------|------------|-----------|------------|------------|------------|------------|-----------|
| 40            | 3/4"      | 1/2"      | 1"         | 1"         | 1 1/2"    | 1"         | 1"         | 1"         | 1"         | 1/2"      |
| 80            | 3/4"      | 1/2"      | 1"         | 1"         | 1 1/2"    | 1"         | 1"         | 1"         | 1"         | 1/2"      |

### Size chart

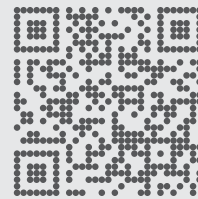
| Capacity<br>l | Øe<br>mm | Ht<br>mm | R*<br>mm | E<br>mm | G1<br>mm | G2<br>mm | I<br>mm | K1<br>mm | K2<br>mm | P1<br>mm | P2<br>mm |
|---------------|----------|----------|----------|---------|----------|----------|---------|----------|----------|----------|----------|
| 40            | 460      | 477      | 663      | 307     | 177      | 307      | 177     | 177      | 307      | 177      | 307      |
| 80            | 460      | 862      | 978      | 682     | 187      | 682      | 187     | 287      | 582      | 187      | 682      |

R\*: Reversal quota



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