



C.P.A.  
S.R.L.

## SAND FILTERS POLARIS SIDE



C.P.A. srl

Via Don Demetrio Castelli, 71 - 12060 RODDI (CN)  
Tel. 0173.615693 - Fax 0173.620922

[www.cpa-piscine.it](http://www.cpa-piscine.it)  
[cpa@cpa-piscine.it](mailto:cpa@cpa-piscine.it)

Ver.03 -2020-06-03

## Description

- Suitable for filtering large private swimming pools and public plants
- Coiled filters, internally coated in polyester and fiberglass, completely anti-corrosion and resistant to all chemical products.
- High mechanical and thermal resistance.
- Equipped with diffuser with vents, lateral inspection hatch and emptying with nut closure, pressure gauge
- 2 "six-way selector valve
- Compliant UNI 10637:2016

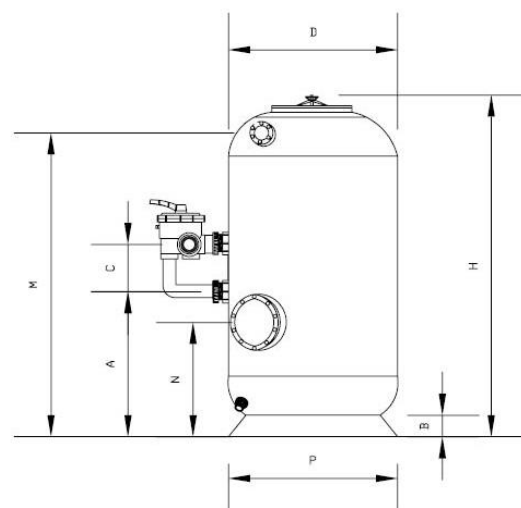
## Technical features

|   | Model | 800     | 900     | 1000    |
|---|-------|---------|---------|---------|
| TEST PRESSURE   | atm   | 4,0     | 4,0     | 4,0     |
| MAXIMUM WORKING PRESSURE                              | atm   | 2,5     | 2,5     | 2,5     |
| NOMINAL PRESSURE LOSS AT MAXIMUM OPERATING CONDITIONS | < kPa | 50      | 50      | 50      |
| MAXIMUM WORKING TEMPERATURE                           | ° C   | 50      | 50      | 50      |
| DIAMETER nom. Ø                                       | m     | 0,80    | 0,90    | 1,00    |
| FILTERING SURFACE                                     | m²    | 0,487   | 0,619   | 0,765   |
| FILTER LAYER HEIGHT                                   | m     | 0,7     | 0,7     | 0,7     |
| SAND Ø  | mm    | 0,4-0,7 | 0,4-0,7 | 0,4-0,7 |
| SAND TOT¹.  | kg    | 405     | 515     | 635     |
| GRIT Ø  | mm    | 3-5     | 3-5     | 3-5     |
| GRIT TOT¹.  | kg    | 60      | 75      | 90      |
| Ø CONNECTION  | mm    | 63      | 63      | 63      |
| VOLUME  | l     | 633     | 794     | 962     |
| MASS  | kg    | 69      | 73      | 85      |
| TOTAL MASS IN OPERATION                               | kg    | 970     | 1200    | 1450    |

|                 | Model       | 800         | 900         | 1000        |
|-----------------|-------------|-------------|-------------|-------------|
| Filtering speed | m/h         | 40          | 40          | 40          |
| <b>flow</b>     | <b>m³/h</b> | <b>19,4</b> | <b>24,7</b> | <b>30,6</b> |
| Filtering speed | m/h         | 35          | 35          | 35          |
| <b>flow</b>     | <b>m³/h</b> | <b>17,0</b> | <b>21,6</b> | <b>26,7</b> |

## Dimensions and encumbrance

| Modello | Ø D<br>[ mm ] | H<br>[ mm ] | A<br>[ mm ] | B<br>[ mm ] | C<br>[ mm ] | P<br>[ mm ] | N<br>[ mm ] | M<br>[ mm ] |
|---------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 800     | 800           | 1600        | 700         | 150         | 220         | 790         | 520         | 1220        |
| 900     | 900           | 1600        | 700         | 150         | 220         | 790         | 520         | 1220        |
| 1000    | 1000          | 1600        | 700         | 145         | 220         | 790         | 520         | 1220        |



### Note

- The information provided in this document is used at the discretion of the editor, without notice, at the same time as the changes to the product in question in this document: the customer will be responsible for the entire act of the verified order, the persistent correspondence of the product to the information sheet.
- Any technical diagrams reproduced in this document are for information purposes only and are not valid for regulatory purposes