# Pressure tanks
# AC series




fiorini

# P.E.D. tested autoclaves 6/8/12 bar AC series

Fiorini autoclaves are designed for lifting and distributing water under pressure. They are intended to form a lung of pressurized water which, if properly sized, serves to limit the number of start-ups of the pump. They are used to ensure perfect water distribution in the upper floors of buildings making up possible shortcomings of water aqueducts.

The models, with CE label, have capacities of 300 up to 20.000 litres in both the vertical and horizontal version with 6, 8 or 12 bar.

✔ **Materials:** carbon steel
✔ **Protective treatment:** hot dip galvanizing and external coating
✔ **Operative conditions:** the storage tanks have a max pressure of 6,8 or 12 bar and operating temperatures from -10°C to 50°C

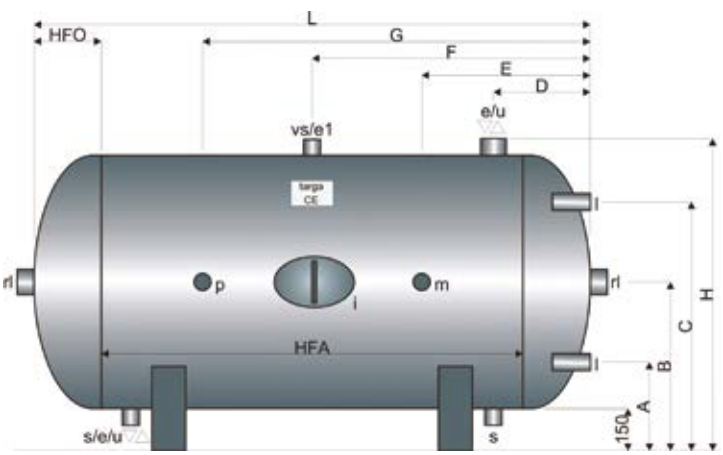
**Special versions:** the AC storage tanks can be modified on demand in order to meet your specific requirements

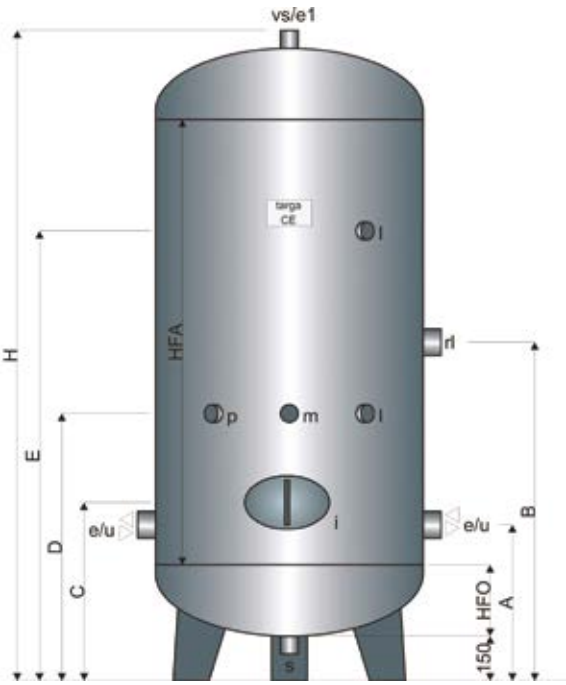



TESTED

## Connections

| | |
|---|---|
| s | Drain |
| vs | Safety valve |
| m | Pressure gauge |
| p | Pressure controller |
| i | Inspection hole |
| e | Water inlet |
| u | Water outlet |
| e1 | Air inlet |
| l | Level |
| rl | Level regulator |



# P.E.D. tested autoclaves 6/8/12 bar AC series

## Vertical

| Capacity l | Ø mm | HFO mm | HFA mm | A mm | B mm | C mm | D mm | E mm | H mm | peso kg | e/u (*) inch | l/m/p (*) inch | rl/vs/s/e1 (*) inch | i mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 500 | 165 | 1250 | 415 | 940 | 465 | 715 | 1415 | 1760 | 75 | 1 | 1/2 | 1 1/4 | * |
| 500 | 650 | 200 | 1250 | 450 | 975 | 500 | 750 | 1450 | 1830 | 101 | 1 1/2 | 1/2 | 1 1/4 | * |
| 800 | 800 | 240 | 1250 | 490 | 1015 | 540 | 790 | 1490 | 1910 | 136 | 2 | 1/2 | 1 1/4 | * |
| 1000 | 800 | 240 | 1650 | 490 | 1215 | 540 | 990 | 1890 | 2310 | 162 | 2 | 1/2 | 1 1/4 | * |
| 1500 | 950 | 280 | 1750 | 530 | 1305 | 580 | 1030 | 2030 | 2490 | 232 | 2 | 1/2 | 1 1/4 | * |
| 2000 | 1100 | 310 | 1750 | 560 | 1335 | 610 | 1060 | 2060 | 2550 | 274 | 2 | 1/2 | 1 1/4 | */** |
| 3000 | 1250 | 350 | 2000 | 620 | 1500 | 650 | 1200 | 2200 | 2880 | 466 | 2 1/2 | 1/2 | 1 1/4 | */** |
| 4000 | 1400 | 390 | 2000 | 740 | 1540 | 690 | 1240 | 2240 | 2960 | 541 | 3 | 1/2 | 1 1/4 | */**/*** |
| 5000 | 1450 | 410 | 2500 | 760 | 1810 | 710 | 1360 | 2360 | 3500 | 646 | 3 | 1/2 | 1 1/4 | */**/*** |
| 6000 | 1450 | 410 | 3000 | 760 | 2060 | 710 | 1360 | 2860 | 4000 | 767 | 3 | 1/2 | 1 1/4 | */**/*** |
| 8000 | 1650 | 460 | 3000 | 830 | 2110 | 860 | 1410 | 2910 | 4100 | 1090 | 4 | 1/2 | 1 1/4 | */**/*** |
| 10000 | 1650 | 460 | 4000 | 830 | 2610 | 860 | 1610 | 3110 | 5100 | 1318 | 4 | 1/2 | 1 1/4 | */**/*** |
| 15000 | 2000 | 550 | 4000 | 920 | 2700 | 1000 | 1700 | 3200 | 5280 | 2016 | 4 | 1/2 | 1 1/4 | 300x400 |
| 20000 | 2000 | 550 | 5500 | 920 | 3450 | 1000 | 1700 | 3700 | 6780 | 2513 | 4 | 1/2 | 1 1/4 | 300x400 |

## Horizontal

| Cap. l | Ø mm | HFO mm | HFA mm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | L mm | peso kg | e/u (*) inch | l/m/p (*) inch | rl/vs/s/e1 (*) inch | i mm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 300 | 500 | 165 | 1250 | 220 | 400 | 580 | 265 | 265 | 790 | 1315 | 680 | 1580 | 75 | 1 | 1/2 | 1 1/4 | * |
| 500 | 650 | 200 | 1250 | 250 | 475 | 700 | 300 | 300 | 825 | 1350 | 830 | 1650 | 101 | 1 1/2 | 1/2 | 1 1/4 | * |
| 800 | 800 | 240 | 1250 | 325 | 550 | 775 | 340 | 340 | 865 | 1390 | 980 | 1730 | 136 | 2 | 1/2 | 1 1/4 | * |
| 1000 | 800 | 240 | 1650 | 250 | 550 | 850 | 340 | 340 | 1065 | 1790 | 980 | 2130 | 162 | 2 | 1/2 | 1 1/4 | * |
| 1500 | 950 | 280 | 1750 | 295 | 625 | 955 | 380 | 380 | 1155 | 1930 | 1130 | 2310 | 232 | 2 | 1/2 | 1 1/4 | * |
| 2000 | 1100 | 310 | 1750 | 315 | 700 | 1085 | 410 | 410 | 1185 | 1960 | 1280 | 2370 | 274 | 2 | 1/2 | 1 1/4 | */** |
| 3000 | 1250 | 350 | 2000 | 338 | 775 | 1213 | 470 | 470 | 1350 | 2230 | 1430 | 2700 | 466 | 2 1/2 | 1/2 | 1 1/4 | */** |
| 4000 | 1400 | 390 | 2000 | 360 | 850 | 1340 | 590 | 590 | 1390 | 2190 | 1580 | 2780 | 541 | 3 | 1/2 | 1 1/4 | */**/*** |
| 5000 | 1450 | 410 | 2500 | 375 | 875 | 1375 | 610 | 610 | 1660 | 2710 | 1630 | 3320 | 646 | 3 | 1/2 | 1 1/4 | */**/*** |
| 6000 | 1450 | 410 | 3000 | 375 | 875 | 1375 | 610 | 610 | 1910 | 3210 | 1630 | 3820 | 767 | 3 | 1/2 | 1 1/4 | */**/*** |
| 8000 | 1650 | 460 | 3000 | 425 | 975 | 1525 | 680 | 680 | 1960 | 3240 | 1830 | 3920 | 1090 | 4 | 1/2 | 1 1/4 | */**/*** |
| 10000 | 1650 | 460 | 4000 | 425 | 975 | 1525 | 680 | 680 | 2460 | 4240 | 1830 | 4920 | 1318 | 4 | 1/2 | 1 1/4 | */**/*** |
| 15000 | 2000 | 550 | 4000 | 450 | 1150 | 1850 | 770 | 770 | 2550 | 4330 | 2180 | 5100 | 2016 | 4 | 1/2 | 1 1/4 | 300x400 |
| 20000 | 2000 | 550 | 5500 | 450 | 1150 | 1850 | 770 | 770 | 3300 | 5830 | 2180 | 6600 | 2513 | 4 | 1/2 | 1 1/4 | 300x400 |

Inspection hole on request * 100x150; ** 220x320; *** 300x400



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