

AQUA 1 BP



> BOLLITORE PER PRODUZIONE ACQUA SANITARIA CON SCAMBIATORE FISSO

GLASSTECH GT: Bollitore a 1 serpentino in acciaio al carbonio, completo di protezione anodica, trattamento interno secondo normative DIN 4753-3 e UNI 10025. Isolamento: Poliuretano rigido iniettato 50 mm (mod. 170÷500), fibra poliestere 100 mm (mod. 800÷2000).

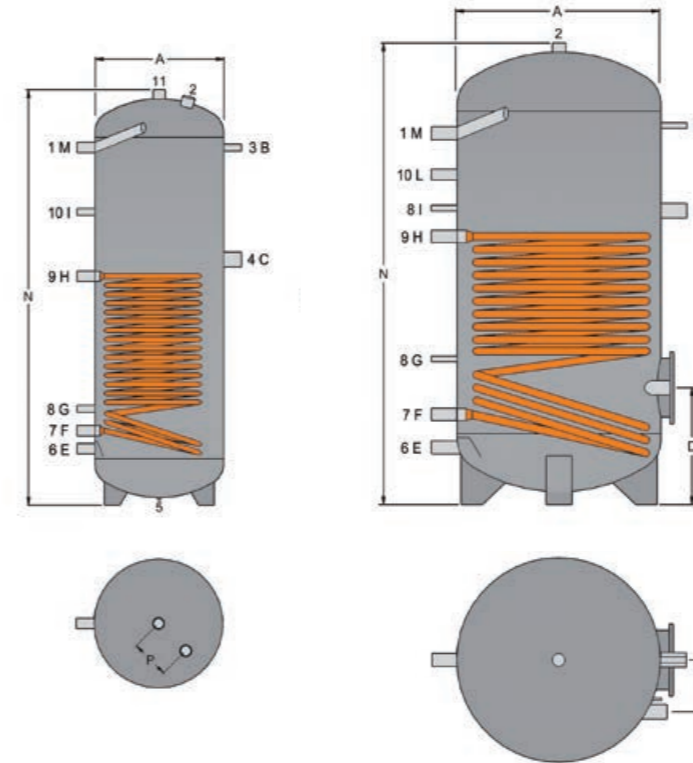
POLITECH PT: Bollitore a 1 serpentino in acciaio al carbonio, completo di protezione anodica, trattamento interno con resine termoindurenti. Isolamento: Fibra poliestere 100 mm (mod. 1500÷2000)

> TANK FOR SANITARY HOT WATER PRODUCTION WITH FIXED EXCHANGER

GLASSTECH GT: Water-heater made of high quality steel with 1 fixed pipe-coil, complete with anodic protection, inside treatment according to norm DIN 4753-3 and UNI 10025. Insulation: Foamed polyurethane layer 50 mm (mod. 170÷500), polyester fibre 100 mm (mod. 800÷2000).

POLITECH PT: Water-heater made of high quality steel with 1 fixed pipe-coil, complete with anodic protection, inside treatment lining synthetic resin. Insulation: Polyester fibre 100 mm (mod. 1500÷2000).

| AQUA 1 BP | GLASSTECH GT | | | | | | | | POLITECH PT | | |
|---|-------------------|---------|------|------|------|---------|------|------|-------------|------|------|
| | 150 | 200 | 300 | 500 | 800 | 1000 | 1500 | 2000 | 1500 | 2000 | |
| Volume utile Storage volume | l | 160 | 196 | 273 | 475 | 738 | 930 | 1390 | 1950 | 1390 | 1950 |
| Classificazione energetica Energy rating | B | C | C | C | C | C | C | C | C | C | C |
| Dispersione termica Standing loss | W | 55 | 67 | 85 | 112 | 130 | 142 | 162 | 186 | 162 | 186 |
| Bollitore isolamento poliuretano rigido iniettato 50 mm Foamed polyurethane layer 50 mm | ∅ mm | 600 | 600 | 600 | 750 | - | - | - | - | - | - |
| Bollitore isolamento fibra poliestere 100 mm Polyester fibre 100 mm | ∅ mm | - | - | - | - | 990 | 990 | 1200 | 1300 | 1200 | 1300 |
| Altezza totale con isolamento Tot. height with insulation | mm | 990 | 1215 | 1615 | 1705 | 1875 | 2205 | 2185 | 2470 | 2185 | 2470 |
| Altezza massima in raddrizzamento Diagonal size | mm | 1170 | 1340 | 1735 | 1820 | 1925 | 2200 | 2280 | 2580 | 2280 | 2580 |
| Scambiatore Heat exchanger | m ² | 0,5 | 0,7 | 1,2 | 1,8 | 2 | 2,4 | 3,6 | 4,3 | 3,6 | 4,3 |
| Contenuto d'acqua del serpentino Pipe coil water capacity | l | 3,1 | 5,6 | 7,9 | 11,4 | 12,6 | 15,1 | 20,9 | 26,2 | 20,9 | 26,2 |
| Potenza assorbita Absorbed power | kW | 14 | 19 | 29 | 43 | 50 | 60 | 94 | 112 | 94 | 112 |
| Portata necessaria al serpentino Necessary capacity heat-exchanger | m ³ /h | 0,6 | 0,8 | 1,2 | 1,8 | 2,2 | 2,6 | 4,0 | 4,8 | 4,0 | 4,8 |
| Produzione acqua sanitaria 80/60°C-10/45°C (DIN 4708) Output sanitary water 80°/60°C - 10°/45°C (DIN 4708) | m ³ /h | 0,3 | 0,5 | 0,7 | 1,1 | 1,2 | 1,5 | 2,3 | 2,8 | 2,3 | 2,8 |
| Perdite di carico Pressure loss | mbar | 5 | 6 | 10 | 14 | 60 | 60 | 610 | 832 | 610 | 832 |
| Coefficiente di resa Power code | NL | 2 | 3 | 5 | 11 | 13 | 20 | 31,3 | 37,3 | 31,3 | 37,3 |
| Flangia Flange | | 180/120 | | | | 290/220 | | | 290/220 | | |
| Peso a vuoto Weight empty | kg | 68 | 77 | 93 | 128 | 190 | 220 | 335 | 503 | 312 | 356 |
| Pressione massima del sanitario Max. working-pressure tank | bar | 10 | | | | 8 | | | 6 | | |
| Pressione massima dello scambiatore Max. working-pressure heat exchanger | bar | 10 | | | | 10 | | | 10 | | |
| Temperatura massima di esercizio del bollitore Max. working-temperature boiler | °C | 95 | | | | 95 | | | 70 | | |



Mod. 150÷500

Mod. 800÷2000

| N° | TIPO DI ATTACCO CONNECTOR TYPE | mod. 150÷500 | mod. 800-1000 | mod. 1500-2000 |
|-----|---|-----------------|------------------|-------------------|
| 1. | Mandata acqua calda Hot water inlet | 1" | 1" 1/4 | 1" 1/2 |
| 2. | Anodo Anode | 1" 1/4 | 1" 1/2 | 1" 1/2 |
| 3. | Termometro - Sonda Thermometer - Feeler | 1/2" | 1/2" | 1/2" |
| 4. | Resistenza elettrica Electric heater | 1" 1/2 | 1" 1/2 | 1" 1/2 |
| 5. | Attacco bancale (cieco) Blind connection for fasting | 1/2" | — | — |
| 6. | Entrata acqua fredda Cold water inlet | 1" | 1" 1/4 | 1" 1/2 |
| 7. | Ritorno serpentino Water exchanger outlet | 1" | 1" 1/4 | 1" 1/4 |
| 8. | Termostato Thermostat | 1/2" | 1/2" | 1/2" |
| 9. | Mandata serpentino Water exchanger inlet | 1" | 1" 1/4 | 1" 1/4 |
| 10. | Ricircolo Re-circulation | 1/2" | 1" | 1" |
| 11. | Mandata acqua calda Domestic hot water outlet | 1" 1/4 | — | 1" 1/2 |

| MOD. | A | B | C | D | E | F | G | H | I | L | M | N | O | P |
|---------------------|------|------|------|-----|-----|-----|-----|------|------|------|------|------|-----|-----|
| 150 | 500 | 775 | 655 | - | 220 | 300 | 385 | 620 | 695 | - | 765 | 990 | - | 150 |
| 200 | 500 | 1005 | 810 | - | 220 | 290 | 375 | 750 | 835 | - | 975 | 1215 | - | 150 |
| 300 | 500 | 1390 | 955 | - | 220 | 290 | 375 | 890 | 1165 | - | 1390 | 1615 | - | 150 |
| 500 | 650 | 1425 | 960 | - | 265 | 345 | 440 | 880 | 1170 | - | 1415 | 1705 | - | 150 |
| 800 | 790 | 1500 | 980 | 470 | 240 | 365 | 565 | 905 | 1233 | 1400 | 1500 | 1810 | 200 | - |
| 1000 | 790 | 1830 | 1220 | 470 | 240 | 380 | 600 | 1120 | 1495 | 1660 | 1830 | 2140 | 200 | - |
| 1500 | 1000 | 1820 | 1350 | 515 | 280 | 415 | 575 | 1255 | 1375 | 1560 | 1870 | 2120 | 230 | - |
| 2000 | 1100 | 2000 | 1540 | 550 | 260 | 520 | 730 | 1430 | 1600 | 1750 | 1990 | 2405 | 230 | - |
| GLASSTECH GT | | | | | | | | | | | | | | |
| 1500 | 1000 | 1775 | 1330 | 515 | 280 | 415 | 575 | 1255 | 1375 | 1530 | 1870 | 2120 | 230 | - |
| 2000 | 1100 | 2000 | 1540 | 550 | 250 | 520 | 730 | 1430 | 1600 | 1750 | 1990 | 2405 | 230 | - |
| POLITECH PT | | | | | | | | | | | | | | |

| Mod. 1 BP GT | POLIURETANO RIGIDO INIETTATO 50 mm FOAMED POLYURETHANE LAYER 50 mm COD. | Mod. 1 BP GT | FIBRA POLIESTERE 100 mm POLYESTER FIBRE 100 mm COD. | Mod. 1 BP PT | FIBRA POLIESTERE 100 mm POLYESTER FIBRE 100 mm COD. |
|--------------------|---|--------------------|---|--------------------|---|
| 150 | NS1100006 | 800 | NS1100004 | 1500 | NS1100016 |
| 200 | NS1100001 | 1000 | NS1100005 | 2000 | NS1100017 |
| 300 | NS1100002 | 1500 | NS1100014 | | |
| 500 | NS1100003 | 2000 | NS1100015 | | |