

UNDERGROUND TANK D1600

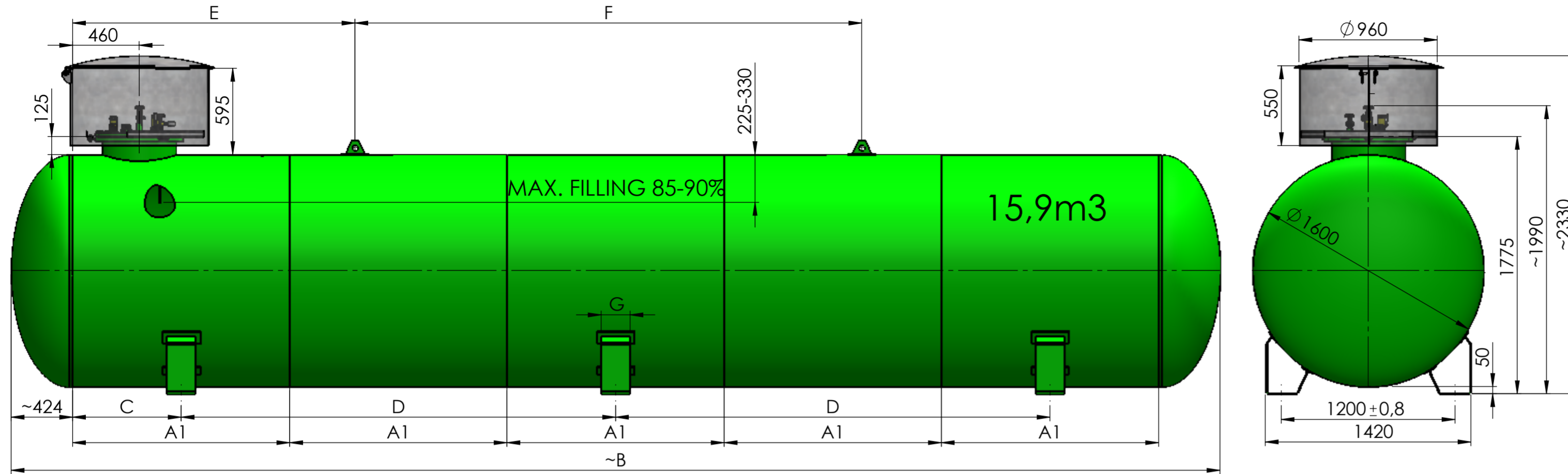


TABLE OF TANK VOLUMES AND BASIC DIMENSIONS

| VOLUME (ltr) | A1 (mm) | A2 (mm) | QUANTITY A (ks) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | WEIGHT (kg) |
|--------------|---------|---------|-----------------|--------|--------|--------|--------|--------|--------|-------------|
| 4000 | 1500 | | 1 | ~2350 | 250 | 1000 | 250 | | 150 | 955 |
| 5000 | 2000 | | 1 | ~2850 | 235 | 1400 | 250 | | 150 | 1070 |
| 7000 | 1500 | | 2 | ~3850 | 250 | 2400 | 965 | 800 | 200 | 1305 |
| 8000 | 1500 | 2000 | 1+1 | ~4350 | 500 | 2500 | 955 | 1200 | 200 | 1425 |
| 9000 | 2000 | | 2 | ~4850 | 500 | 3000 | 1205 | 1200 | 200 | 1540 |
| 10000 | 1500 | | 3 | ~5350 | 750 | 3000 | 955 | 2200 | 200 | 1660 |
| 10900 | 1500 | 2000 | 2+1 | ~5850 | 750 | 3500 | 1055 | 2500 | 200 | 1775 |
| 11900 | 1500 | 2000 | 1+2 | ~6350 | 620 | 4000 | 1045 | 3000 | 200 | 1895 |
| 12900 | 1500 | | 4 | ~6850 | 750 | 4500 | 1645 | 2500 | 200 | 2010 |
| 14900 | 1500 | 2000 | 2+2 | ~7850 | 750 | 5500 | 2045 | 2500 | 200 | 2245 |
| 15900 | 1500 | | 5 | ~8350 | 1250 | 5000 | 1795 | 3500 | 200 | 2365 |
| 16900 | 2000 | | 4 | ~8850 | 1250 | 5500 | 2295 | 3000 | 200 | 2485 |
| 17800 | 1500 | 2000 | 3+2 | ~9350 | 750 | 2x3500 | 2295 | 3500 | 200 | 2640 |
| 18600 | 1500 | | 6 | ~9850 | 730 | 2x3500 | 2022 | 4500 | 200 | 2755 |
| 19800 | 1500 | 2000 | 1+4 | ~10350 | 1250 | 2x3500 | 2535 | 4000 | 200 | 2875 |
| 20800 | 2000 | | 5 | ~10850 | 1000 | 2x4000 | 2785 | 4000 | 200 | 2990 |
| 21800 | 1500 | | 7 | ~11350 | 730 | 2x4500 | 2275 | 5500 | 200 | 3110 |
| 22800 | 1500 | 2000 | 2+4 | ~11850 | 730 | 2x4500 | 2795 | 5000 | 200 | 3230 |
| 23700 | 1500 | 2000 | 1+5 | ~12350 | 1270 | 2x4500 | 3035 | 5000 | 200 | 3345 |
| 24700 | 1500 | | 8 | ~12850 | 1250 | 2x4500 | 3285 | 5000 | 200 | 3460 |
| 25700 | 1500 | 2000 | 3+4 | ~13350 | 1250 | 2x5000 | 2785 | 6500 | 200 | 3580 |

DESIGN OPTIONS

| MAX. WORKING PRESSURE | TESTING PRESSURE | MAX. WORKING TEMPERATURES |
|-----------------------|------------------|---------------------------|
| 12,1 BAR | 17,3 BAR | -20/+30 °C (-40/+30 °C) |
| 15,6 BAR | 22,3 BAR | -20/+40 °C (-40/+40 °C) |
| 16,7 BAR | 23,9 BAR | -20/+45 °C (-40/+45 °C) |
| 17,6 BAR | 25,2 BAR | -20/+50 °C (-40/+50 °C) |

STANDARD DESIGN ACCORDING TO EN ISO 12542_A1, AD2000, PED 2014/68/EU

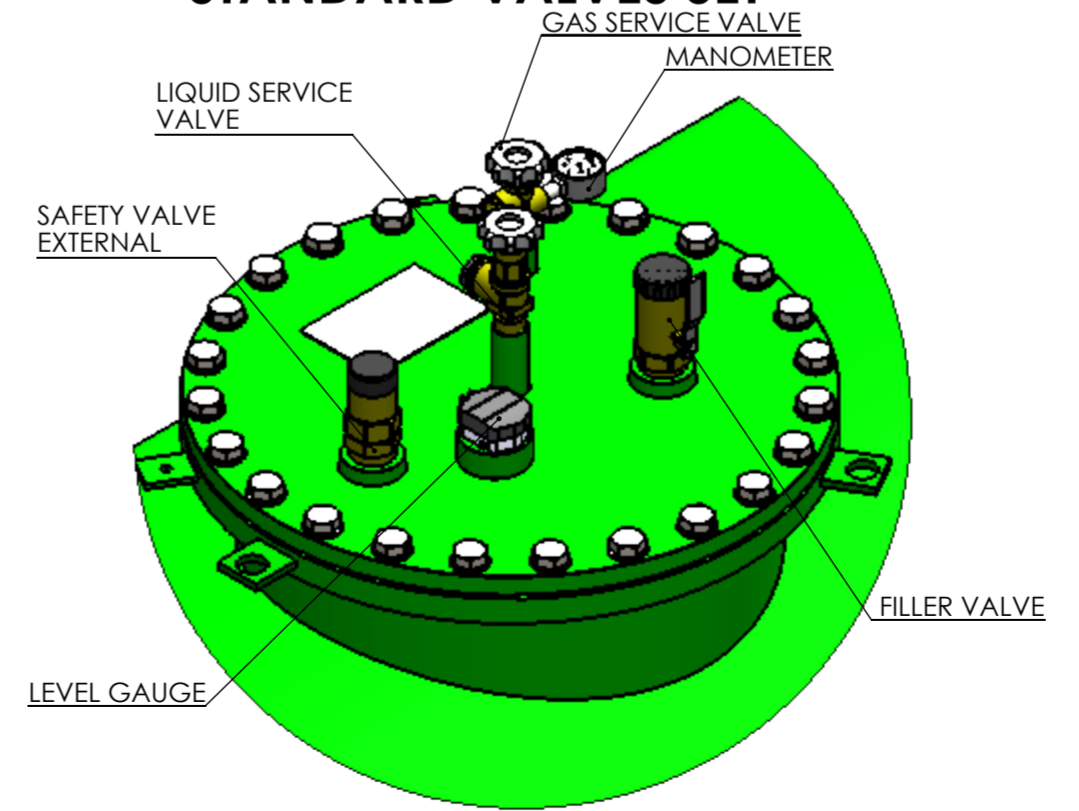
MAXIMUM WORKING PRESSURE: 15,6 bar
 TESTING PRESSURE: 22,3 bar
 WORKING TEMPERATURES: -20/+40°C
 MAXIMUM FILLING: 85 %
 CORROSION ALLOWANCE: 0 mm
 WELD FACTOR MAXIMUM WORKING PRESSURE: 1

WELDED JOINTS EVALUATION ACCORDING TO AD-HP0

ADDITIONAL WELDING MATERIALS:
 WELDS 135 - WIRE 1,2 mm EN ISO 14341_A
 WELDS 121 - WIRE 3,0 mm EN ISO 14171_A
 WELDS 141 - WIRE 2,0 mm EN ISO 636_A

SURFACE FINISH:
 SAND BLASTED Sa 2,5
 EPOXY COATED MIN. 1000µm,
 ACCORDING TO DIN 4681/3, ISO TEST 25kV
 RAL 6017

STANDARD VALVES SET



VALVES

| NAME | MANUFACTURER | TYPE | QUANTITY | MATERIAL |
|-----------------------|--------------|--------------------|----------|----------|
| FILLER VALVE | REGO | 7501 | 1 | 2.0402 |
| FILLER VALVE | REGO | 7579 | 1 | 2.0402 |
| FILLER VALVE | REGO | 7879 | 1 | 2.0402 |
| FILLER VALVE | GOK | FV/54020 | 1 | 2.0402 |
| FILLER VALVE | GOK | FV/54010 | 1 | 2.0402 |
| FILLER VALVE | SRG | 481 | 1 | 2.0402 |
| FILLER VALVE | OMECA | VRN 88 | 1 | 2.0402 |
| FILLER VALVE | OMECA | VRN 20 | 1 | 2.0402 |
| GAS SERVICE VALVE | REGO | 9101 DK | 1 | 2.0402 |
| GAS SERVICE VALVE | REGO | 7556 R | 1 | 2.0402 |
| GAS SERVICE VALVE | GOK | 55212 | 1 | 2.0402 |
| GAS SERVICE VALVE | GOK | FST3.1VK/55 220 71 | 1 | 2.0402 |
| GAS SERVICE VALVE | SRG | 483-433-1001 | 1 | 2.0402 |
| GAS SERVICE VALVE | SRG | 489-914-1004 | 1 | 2.0402 |
| GAS SERVICE VALVE | OMECA | 8075 | 1 | 2.0402 |
| GAS SERVICE VALVE | OMECA | GSE 35 | 1 | 2.0402 |
| GAS SERVICE VALVE | OMECA | GS 41 | 1 | 2.0402 |
| GAS SERVICE VALVE | OMECA | GS 80 | 1 | 2.0402 |
| LIQUID SERVICE VALVE | REGO | 7550PX | 1 | 2.0402 |
| LIQUID SERVICE VALVE | REGO | 7590 UT | 1 | 2.0402 |
| LIQUID SERVICE VALVE | REGO | 7591 UT | 1 | 2.0402 |
| LIQUID SERVICE VALVE | GOK | FEV/55 160 00 | 1 | 2.0402 |
| LIQUID SERVICE VALVE | SRG | 484-011-1001 | 1 | 2.0402 |
| LIQUID SERVICE VALVE | OMECA | RRL 16 | 1 | 2.0402 |
| LIQUID SERVICE VALVE | OMECA | VL 13 | 1 | 2.0402 |
| LEVEL GAUGE | ROCHESTER | 6281 | 1 | - |
| LEVEL GAUGE | SRG | 487-913-1024 | 1 | - |
| LEVEL GAUGE | SRG | 487-913-1914 | 1 | - |
| SAFETY VALVE EXTERNAL | REGO | 3131+CD31 | 2 | 2.0402 |
| SAFETY VALVE EXTERNAL | SRG | 485-911 | 2 | 2.0402 |
| SAFETY VALVE EXTERNAL | OMECA | EU20/ST20 | 2 | 2.0402 |
| SAFETY VALVE EXTERNAL | REGO | 3132+CD32 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | GOK | ATVS 25 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | SRG | 485-415 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | OMECA | EU25/ST25 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | REGO | 3135+CD35 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | GOK | ATVS 32 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | SRG | 485-417 | 1 | 2.0402 |
| SAFETY VALVE EXTERNAL | OMECA | EU30/ST32 | 1 | 2.0402 |
| SAFETY VALVE INTERNAL | SRG | 486-924-1056 | 1 | 2.0402 |
| SAFETY VALVE INTERNAL | GOK | SV-A8684/56 112 42 | 1 | 2.0402 |
| SAFETY VALVE INTERNAL | OMECA | 66.1129 | 1 | 2.0402 |
| SAFETY VALVE INTERNAL | REGO | 8684G | 1 | 2.0402 |
| SAFETY VALVE INTERNAL | REGO | 8685G | 1 | 2.0402 |
| MULTIVALVE | REGO | G8475RV | 1 | 2.0402 |
| MULTIVALVE | OMECA | D2370 | 1 | 2.0402 |