

Blue1 Naked



Product Specifications

- Plug and play
- Bunded
- Volume 1000L to 15000L
- Stainless Steel Piping
- DDC-coupling
- Submersible Pump 40L/min
- Dry run security
- Heating
- Level gauge + indication
- Overfill protection
- Telemetry (option)
- DIBT (option)
- KIWA (option)
- KVVU (option)
- EX-conformity (option)

The Blue1 Naked is specially engineered for above ground AdBlue storage. With the Blue1 Naked we can offer a complete range of volumes from 1000L up to 15000L which can be equipped with 1 up to 5 separate pumps to give you a maximum benefit.

This solution, which offers an optimal combination between price and quality, is engineered and built according to the highest quality standards, to make sure that your AdBlue keeps its 100% purity.

Principle:

The housing is built up out of insulated fibreglass reinforced sandwich elements and is divided into 2 compartments:

- Compartment 1 is completely liquid tight and acts as a bund
- Compartment 2 is the technical compartment in which the unit can be serviced and filled up.

The temperature inside the unit is constantly controlled to ensure the operational temperature of the AdBlue.

Filling up the unit:

The unit can be filled up through the door at the side of the unit which gives access to the technical compartment of the installation or through a side fill panel which is an option. The Dry Disconnect Coupling makes sure that all deliveries will occur without leakage and on the other hand the overfill prevention will make sure that an overfill off the unit is impossible.



Connection to Industrial satellite or commercial dispenser:

The unit is completely prepared to connect all types of industrial and commercial dispensers or satellites. The Blue1 Naked is standard equipped to deliver AdBlue for 1 dispenser, but can be upgraded to deliver AdBlue for up to 5 dispensers. The installation can also be fitted with a connection kit for dispenser to mount a dispenser directly at the side of the installation, in this case the side fill is a mandatory option.

Level indication:

The volume inside the unit is constantly monitored and is shown off on a display.

Piping:

All piping is approved up to 16 bar and is always in Stainless Steel.



Side fill (optional)



VISUALIZE YOUR VOLUMES



Measuring and monitoring in real time is an essential tool in a world of short global communication lines. Therefore Blue1 developed a complete telemetry system which covers hardware, communication and visualization.

ONE PARTNER FOR:

- Hardware
- Communication
- Web based backoffice
- Installation, maintenance and service

NO SOFTWARE INSTALLATION

ONE SIMCARD WITH WORLD COVERAGE

PROVEN TECHNOLOGIE

REAL TIME DATA CONVERTED TO VALUE ADDED INFORMATION

STATE OF THE ART HIGH END BACKOFFICE AND USER INTERFACE



The system enables you to keep track of all the volumes in your AdBlue tanks



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Product data specifications Blue1 Naked

| Dimensions | Volume | Length | Width | Height | Kg |
|-------------------------------------|--|----------|----------|----------|----------|
| | 1000L | 2.010 mm | 860 mm | 2.100 mm | 400 kg |
| | 1500L | 2 010 mm | 860 mm | 2.100 mm | 450 kg |
| | 2000L | 2 560 mm | 860 mm | 2.100 mm | 550 kg |
| | 3000L-S | 2.820 mm | 990 mm | 2.320 mm | 700 kg |
| | 3000L | 2.860 mm | 1.170 mm | 2.320 mm | 700 kg |
| | 4000L | 2.860 mm | 1.170 mm | 2.320 mm | 750 kg |
| | 5000L | 3.370 mm | 1.530 mm | 2.317 mm | 750 kg |
| | 7.500L | 4.600 mm | 1.530 mm | 2.317 mm | 980 kg |
| | 10.000L | 5.800 mm | 1.530 mm | 2.317 mm | 1.250 kg |
| 15.000L | 9.260 mm | 1.530 mm | 2.450 mm | 1.875 kg | |
| Housing | Insulated sandwich panels integrated in fibreglass structure and acts as a bund, colour: standard white | | | | |
| Tank | Single walled / polyethylene / installed in compartment | | | | |
| Flow rate | Between 30 and 40L/min or for cars/vans between 5 and 10L/min | | | | |
| Pump | Submersible pump 1000W (and 1200W optional) | | | | |
| Heating | Anti freeze heating 1500W / 3000W | | | | |
| Piping | Stainless Steel 16 bar approved | | | | |
| Filling point | In technical compartment / Dry Disconnect Coupling Side fill (optional) | | | | |
| Level Sensor | 4-20 mA | | | | |
| Level indicator | standard | | | | |
| Central controller | standard | | | | |
| Overfill protection | Fafnir plug / active overfill alarm with reset button (optional) | | | | |
| Leak detection | Sensor in banded area to detect leakage off primary tank or overfill (optional) - Ex approved leak detection (option) | | | | |
| Power supply | 1x230 VAC, 16 A, 3x2,5mm ² , for non hazardous area | | | | |
| Side fill | Optional (mandatory in case of connection kit for dispenser) | | | | |
| EX coformity | Optional (EX II 3/- G, IIA T3) | | | | |
| Connection kit for dispenser | Optional | | | | |
| Telemetry | Optional | | | | |
| Pressure reducing valve | Optional 1-6 bar with gauge (optional) | | | | |
| Certification | KIWA, KVVU, DIBT (optional) | | | | |

