



ECO-LINE



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RPR Antwerpen

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BLUE1 Eco-Line

Specially engineered for the fleet owner to tank AdBlue on a :

Fast
Easy
Controlled
User-friendly
Safe
...

base in your new truck, equipped with the latest SCR technology.

The Blue 1 Eco-line is a 3000L or 5000L installation which is very user- and maintenance friendly to ensure the continuation of your tanking operations.

Standard equipment:

- *3000L or 5000L tank integrated in an isolated housing*
- *heating*
- *Stainless Steel filling tube*
- *DDS-coupling*
- *continuous level indication*
- *overflow prevention*
- *hose:4.5m (option 8m)*
- *Elaflex-nozzle ZVA AdBlue*

For further information you can contact us:

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TECHNICAL SPECIFICATIONS BLUE1 ECO-LINE

- Concept:**
- ☑ Housing from insulated Sandwich elements.
 - ☑ 2 compartments:
 - √ Compartment 1 is tight and acts as a bund
 - √ Compartment 2 is the technical room
 - ☑ Integrated Anti freeze heating
 - ☑ Outside colour: white,
 - Optionals:**
 - √ Hot version: ventilation system activated by thermostat
 - √ Removable side element technical room

- Versions:**
- BL-3.000**
 Volume : 3.000L
 Dimensions: L = 2.860mm, D = 1.170 mm, H = 2320 mm
 Weight (empty tank) : 750kg
- BL-5.000**
 Volume : 5.000L
 Dimensions: L = 3370mm, D = 1530 mm, H = 2317 mm
 Weight (empty tank) : 750kg

- Tank:** *Installed into compartment 1*
- Type: Single wall
 - Material: Polyethylene
 - Pump: Submersible pump type LEADER Ecodiver 1000A

- Filling point:** Separated Stainless Steel filling tube integrated in the technical compartment
- ☑ 2" dry coupling
 - Overfill protection plug type Fafnir
 - Level indicator LCS
 - overfill prevention

- Refuelling:** *Installed into compartment 2*
- ☑ Standard foreseen with balancer 4.5m hose (option: hose reel system with 8m operational length.)
 - ☑ Elaflex automatic Ad Blue nozzle with integrated magnet.
 - ☑ Max flow 40l/min.
 - ☑ Complete Stainless steel Blue 1 panel with isolated door.
 - ☑ Not approved for public use

- Flow measurement:**
1. *Display type ALX 701:*
- Performances:
- ☑ Command for 1 pump & display of delivered fuel.
 - ☑ Storage of litre totals.
 - ☑ Calibration factor of the measuring room.
 - ☑ Output 10 pulses pro litre
- Specifications:
- ☑ Metal coated housing
 - ☑ Electronic card with 6 digit lighted display
 - ☑ Automatic display reset
 - ☑ 2 fuses 2A
 - ☑ Plug connectors for divers connections
 - ☑ 4 bolts M4 for fixation
 - ☑ Dimensions: L=180mm; H=120mm; D=60mm

2. *Measuring room PIUSI*

Measuring principle		Turbine / impeller
Materials		Body: AISI 316I Magnets: Samarium-cobalt Seals: Viton Impleer: Polypropylene
Connection	Inch	1" male threaded
Resolution	L/impulse	0.011
Flow rate	L/minute	Max 40l/min
Storage temperature	°C	-20 / +70
Storage humidity	R.U.	95%
Operating temperature	°C	-10 / +60 °C
Head loss (at 40L/min)	Bar	0.05
Precision	%	+/-1
Repeatability	%	+/-0.4
Type of impulse		Clean contact (reed switch)
Max current	mA	100
Max voltage	Volt ac/dc	28
Impulse/liter	Number	92
Max. operating pressure	Bar	20
Max. bursting pressure	Bar	40

- Electrical connections:**
- ☑ For non hazardous area
 - ☑ 1 x 230VAC, 16A (3 x 2.5mm²)
 - ☑ EU Directive Low Voltage 73/23/EEG, updated 93/68/EEG