



Kruiningenstraat 12
2100 DEURNE
Belgium
www.blue1.be
info@blue1.be



THE N° 1 IN ADBLUE SOLUTIONS

AND

LIQUID-HANDLING

Blue 1 BVBA
Industriepark-West 75
9100 Sint-Niklaas
Belgium

Blue 1 BVBA
Kruiningenstraat 12
2100 Deurne
Belgium

Btw-nr.: BE 0879.058.639
SWIFT-CODE: KREDBEBB
IBAN: BE53 7330 3267 1953
KBC bank 733-0326719-53

Tel. +32 3 297 07 33
Fax. +32 3 295 04 89
mail: info@blue1.be
RPR Antwerpen

Onze algemene aan- en verkoopvoorwaarden op de keerzijde of op www.blue1.be zijn van toepassing.
Nos conditions générales de vente au verso ou sur www.blue1.be sont d'application.

BLUE1 COMPACT

Blue1 I Compact (industrial applications)



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TECHNICAL INFORMATION BLUE1 10 000 L INDUSTRIAL MODEL ALL IN ONE

- 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, Logo Air1®
- Optionals:**
- √ Hot version: ventilation system activated by thermostat
 - √ Removable side element technical room
- Versions:**
- BL-10.000**
Volume: 10.000L
Dimensions L =5.820 mm, D =1.530 mm, H =2.317 mm
Weight (empty tank): 1250kg

- Tank:**
- Installed into compartment 1*
- Type: Single wall
Material: Polyethylene
Sensor: Level sensor 4-20mA with local display
Pump: Submersible pump type LEADER Ecodiver 1000A

- Filling point:** Separated Stainless Steel filling compartment integrated into Blue 1 panel. Separate removable door to access:
- 2" dry coupling
 - Overfill protection plug type Fafnir
 - Level indicator

Optionals:

- √ Active overfill protection alarm with reset button

- Refuelling:**
- Installed into compartment 2*
- Standard foreseen with hose balancer system with 5m operational length.
 - Elaflex automatic Ad Blue nozzle with integrated magnet.
 - Max flow 40l/min.
 - Complete Stainless steel Blue 1 panel with isolated door.
 - Available in single side version or double side version.
 - Not approved for public use

Optionals:

- √ Hose reel for operational length up to 8 meters
- √ Active minimum level alarm with LED indication.
- √ Timer function (maximum dispensing time)
- √ Function key deactivation dispenser
- √ Extension for satellite connexion.

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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

Wireless communication: Endress & Hauser Fieldgate GSM

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

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