

## Systems for the storage and delivery of AdBlue® AT09906 series

### \* What is AdBlue®

AdBlue® is a particular solution with very high purity of Urea at 32,5%, whose constant quality is ensured by the compliance to DIN 70070 and ISO 22241:2008 standards.

AdBlue® is placed in an auxiliary tank of the vehicle and the quantity used, according to EURO 4 directive, corresponds approximately to 5% of fuel consumption.

Only AdBlue® can ensure the correct operation of the catalytic converter.

AdBlue® is harmless substance with crystallization point of -11°C.



TANK DISPENSER are containers equipped for AdBlue®\* storage, with galvanized steel structure coated with pre-painted double wall steel insulated panels.

They are equipped with:

- **High-density linear polyethylene or stainless steel AISI 304 storage tank**
- **stainless steel AISI 304 delivery pump**
- **safety solenoid valve**
- **automatic filling stop device for overflow**
- **continuous level measurement**
- **thermal insulation with panels, heating and ventilation**
- **internal lighting system**
- **electrical panel complete with protection devices and controls**

Options:

- leakage containment basin
- protection rollbar
- additional heater for temperatures < -10°
- product loading fast connection
- adapter for delivery enabling
- presetting kit

Note: all components in contact with Urea are made with materials included in the recommended materials list (Point 4.1.2 - Table 1, ISO 22241-3 : 2008 standard)

AdBlue® is a registered trademark of the VDA (Verband der Automobilindustrie)

## Technical characteristics

Bearing frame	Hot-dip galvanized steel FE430B			
Walls and cover	Thermally insulated, double wall, pre-painted steel panels, containing a layer of self-extinguishing polyurethane resin foam. Colour: white Thickness: 25 mm			
Usable floor space	Thermally insulated embossed aluminium sheet Thickness: 3 mm + (1,5 mm)			
Handling	Using a forklift, with tank empty			
Tank material	High density linear polyethylene or stainless steel (upon request)			
Tank capability	2000 l	3000 l	5000 l	11600 l
Dimensions	1,50x2,32 H2,20 m	1,78x2,75 H2,20 m	2,00x2,94 H2,20 m	2,40x4,00 H2,55 m
Weight	600 Kg	650 Kg	800 Kg	1200 Kg
Level indicator	Content visualization (cm and litres)			
Delivery pump	Parts in contact with the product in stainless steel			
Flow rate	40 ÷ 50 l/min			
Power supply	230 VAC			
Maximum current (In)	Max 3 KW			
Pump motor supply	230 VAC 0,74 KW			
Heating	230 VAC 2000 W			
Ventilation	230 VAC 100 W			
Electronics	24 VAC 50 W			
Operating temperature	-20°C ÷ +40°C (+60°C upon request)			

## Integrated dispenser AT30/U (if present)

Delivery flow rate	2 ÷ 30 l/min
Measurement accuracy	± 1,5 % version GE; ± 0,5% version MID EC
Electronic computer head	CPTH02
Systems interfacing	Serial or parallel
Indicator	6-digit backlit display height 1"
Totalizer	Electronic and electro-mechanical type, non-resettable, 7-digits
Delivery nozzle	Elaflex ZVA AdBlue® HV automatic type for heavy vehicles, Elaflex ZVA AdBlue® LV automatic type for light vehicles
Delivery pipe	Length 5,5 m with hose reel
Reel	AISI 304 stainless steel with EPDM gaskets

## Accessories

<b>AT12406</b>	2" fast connection for tank hose direct insertion
<b>AT12506</b>	Adapter for delivery enabling
<b>AT32506</b>	Presetting kit
<b>ATE02610</b>	Additional heater 2 KW
<b>AT05108</b>	100 pulses/litre output
<b>AT10208/K</b>	4-20 mA repeater

## Codes

Cod.	Tank capacity	Tank containment	Dispenser	Dispenser type
<b>AT09906</b>	/200: 2000 l /300: 3000 l /500: 5000 l /116: 11600 l	/V: with tank containment /N: without tank containment	/EA: dispenser or dispenser set not present /GE: dispenser set /EC: dispenser for sale to third parties (Comptometric), MID certificated	/SF: single front side /SD: single right side /SS: single left side /DD: double /AA: alternate

Specification subject to change without notice