

Systems for the storage and delivery of AdBlue® AT28007 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.



AdBlue® 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**
- **electrical panel complete with protection devices and controls**
- **Hose reel for flexible hose recovery**

Options:

- leakage containment basin
- protection rollbar
- additional heater for temperatures < -10°
- product loading fast connection
- adapter for delivery enabling
- presetting kit
- standard or LV Elaflex ZVA nozzle for AdBlue®

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 Tickness: 25 mm				
Usable floor space	Thermally insulated embossed aluminium sheet. Tickness: 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	1350 l	2000 l	3000 l	4000 l	5000 l
Dimensions (/GE) (*)	0,90x2,50 H1,92 m	0,90x2,95 H1,92 m	1,00x3,15 H2,25 m	1,17x3,30 H2,15 m	1,50x3,30 H2,25 m
Weight	450 Kg (single) 600 Kg (double)	500 Kg (single) 650 Kg (double)	600 Kg (single) 700 Kg (double)	700 Kg (single) 800 Kg (double)	750 Kg (single) 850 Kg (double)
Level indicator	AdBlue® 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 1000 W				
Ventilation	230 VAC 60 W				
Electronics	24 VAC 50 W				
Operating temperature	-10°C ÷ +40°C (-20°C ÷ +60°C on request)				

Integrated dispenser AT30/U (if present)

Delivery flow rate	2 ÷ 30 l/min
Measurement accuracy	± 1,5 % GE version, ± 0,5% MID EC version
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
Hose Reel	AISI 304 stainless steel with EPDM gaskets

(*) If the case, to the tank dimensions the associated dispenser quotes have to be add

Accessories

AT12406	2" Todo fast connection for tank refilling
AT12506	Magnetic adapter for delivery enabling
AT32506	Presetting kit
ATE02610/2	Additional heater 2 KW
AT05108	100 pulses/litre output
AT10208/K	4-20 mA level gauge repeater

Codes

Code	Tank capacity	Containment basin	Dispenser	Dispenser type
AT28007	/135: 1350 l /200: 2000 l /300: 3000 l /400: 4000 l /500: 5000 l	/V: With basin /N: Without basin	/EA: dispenser or dispenser set not present /GE: dispenser set privat version /EC: dispenser for sale to third parties or public (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