





Electric diaphragm self-priming kit pump for AdBlue® for filling vehicles from the IBC tanks. The stainless steel support bracket allows the kit's fixing to the safety metal grid.

### “Kit AdBlue® IBC” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min cable 2 m length



**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min cable 4 m length with pincers



**Art. 099-6600-000** Suction connections SEC



**Art. 099-6010-000** External suction connections for IBC S60X6



**Art. 909-0500-060** Antistatic rubber hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 911-0500-011** PVC spiral suction hose d.20x25 1,1 m length



**Art. 099-6500-000** Suction hose with plug he2” BSP SEC connection



**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min

### OPTIONAL:



**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min



# ELECTRIC AdBlue® KIT FOR IBC



**SEC**



**S60x6**

Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Adaptor	Weight	Packaging
		l/min	AC V./ Hz DC Volt	W	BSPG	Ø			kg	mm

<b>097-5500-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	SEC	14,20	550X400X320
<b>097-5501-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	SEC	16,20	550X400X320

<b>097-5510-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	S60X6	14,20	550X400X320
<b>097-5511-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	S60X6	16,20	550X400X320

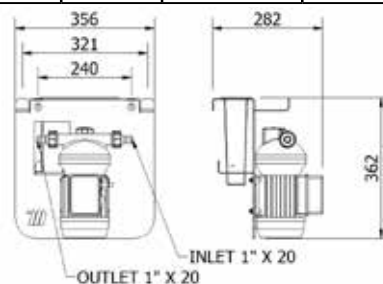
<b>097-5500-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	SEC	14,20	550X400X320
<b>097-5501-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	SEC	16,20	550X400X320

<b>097-5510-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	S60X6	14,20	550X400X320
<b>097-5511-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	S60X6	16,20	550X400X320

<b>097-5500-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	SEC	12,70	550X400X320
<b>097-5501-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	SEC	14,70	550X400X320

<b>097-5510-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	S60X6	12,70	550X400X320
<b>097-5511-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	S60X6	14,70	550X400X320

**PUMP DUTY CYCLE min: S2 20**



Electric diaphragm self-priming kit pump for AdBlue® for filling vehicles from the IBC tanks. The stainless steel support bracket allows the kit's fixing to the safety metal grid.

**“Kit AdBlue® IBC” series composed by:**



**Art. 098-6500-230** Diaphragm electric pump for Adblue® 230V 50 Hz 40 l/min cable 2 m length



**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min cable 4 m length with pincers

**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate 5-120 l/min.



**Art. 099-6600-000** Suction connections SEC



**Art. 099-6010-000** External suction connections for IBC S60X6



**Art. 909-0500-060** Antistatic rubber hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 911-0500-011** PVC spiral suction hose d.20x25 1,1 m length



**Art. 099-6500-000** Suction hose 2” BSP SEC connection



**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min



**OPTIONAL:**

**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min




# ELECTRIC AdBlue® KIT FOR IBC



**SEC**



**S60x6**

Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Adaptor	Flow meter	Weight	Packaging
		l/min	AC V./ Hz DC Volt	W	BSPG	Ø				kg	mm

<b>097-5600-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	SEC	YES	14,70	550X400X320
<b>097-5601-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	SEC	YES	16,70	550X400X320

<b>097-5610-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	S60X6	YES	14,70	550X400X320
<b>097-5611-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	S60X6	YES	16,70	550X400X320

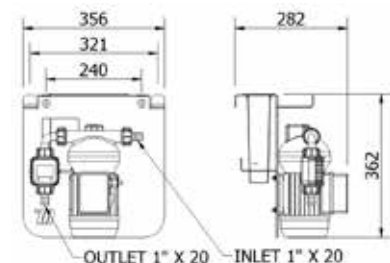
<b>097-5600-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	SEC	YES	14,70	550X400X320
<b>097-5601-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	SEC	YES	16,70	550X400X320

<b>097-5610-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	S60X6	YES	14,70	550X400X320
<b>097-5611-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	S60X6	YES	16,70	550X400X320

<b>097-5600-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	SEC	YES	13,20	550X400X320
<b>097-5601-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	SEC	YES	15,20	550X400X320

<b>097-5610-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	S60X6	YES	13,20	550X400X320
<b>097-5611-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	S60X6	YES	15,20	550X400X320

**PUMP DUTY CYCLE min: S2 20**



Electric diaphragm self-priming kit pump for AdBlue® for filling vehicles from the IBC tanks. The stainless steel support bracket allows the kit's fixing to the safety metal grid.

### “Kit AdBlue® IBC” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for Adblue® 230V 50 Hz 40 l/min cable 2 m length



**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min cable 4 m length with pincers



**Art. 099-6600-000** Suction connections SEC



**Art. 099-6010-000** External suction connections for IBC S60X6



**Art. 909-0500-060** Antistatic rubber hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 911-0500-011** PVC spiral suction hose d.20x25 1,1 m length



**Art. 099-6500-000** Suction hose 2” BSP SEC connection



**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min



**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min

# ELECTRIC AdBlue® KIT FOR IBC



**SEC**



**S60x6**

Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Adaptor	Flow meter	Weight	Packaging
		l/min	AC V./ Hz DC Volt	W	BSPG	Ø				kg	mm

<b>097-5620-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	SEC	YES	15,60	550X400X320
<b>097-5621-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	SEC	YES	17,60	550X400X320

<b>097-5630-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	S60X6	YES	15,60	550X400X320
<b>097-5631-230</b>	Kit AdBlue	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	S60X6	YES	17,60	550X400X320

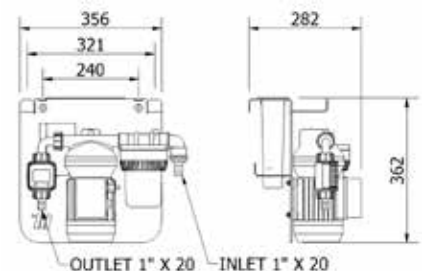
<b>097-5620-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	SEC	YES	15,60	550X400X320
<b>097-5621-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	SEC	YES	17,60	550X400X320

<b>097-5630-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	S60X6	YES	15,60	550X400X320
<b>097-5631-115</b>	Kit AdBlue	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	S60X6	YES	17,60	550X400X320

<b>097-5620-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	SEC	YES	14,10	550X400X320
<b>097-5621-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	SEC	YES	16,10	550X400X320

<b>097-5630-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	S60X6	YES	14,10	550X400X320
<b>097-5631-012</b>	Kit AdBlue	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	S60X6	YES	16,10	550X400X320

**PUMP WORKING CYCLE min: S2 20**





AdBlue® Kit suitable for filling vehicles from the barrels. Composed by:  
stainless steel support bracket for barrels fixing, self-priming electric diaphragm pump, manual or automatic nozzle, delivery EPDM hose 6 m length, and suction connections.

## “Barrel Kit” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m length



**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min  
cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min  
cable 4 m length with pincers



**Art. 099-6504-000** Suction kit AF2 56x4 1” BSP

**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 911-0500-011** PVC spiral suction hose d.20x25 1,1 m length



**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min





**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min



**Art. 099-6506-000** Adaptor for barrel F 2” BSP - M 56x4

# ELECTRIC PUMPS KIT FOR AdBlue® TRANSFER “Barrel Kit”



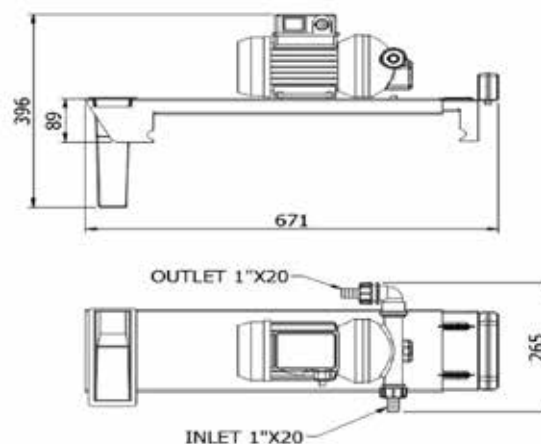
Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Suction kit	Weight	Packaging
		l/min	AC V./Hz DC Volt	W	BSPG	Ø			kg	mm

<b>097-5700-230</b>	Barrel Kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	YES	18,00	760X760X265
<b>097-5701-230</b>	Barrel Kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	YES	20,00	760X760X265

<b>097-5700-115</b>	Barrel Kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	YES	18,00	760X760X265
<b>097-5701-115</b>	Barrel Kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	YES	20,00	760X760X265

<b>097-5700-012</b>	Barrel Kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	YES	16,45	760X760X265
<b>097-5701-012</b>	Barrel Kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	YES	18,45	760X760X265

**PUMP DUTY CYCLE min: S2 20**



AdBlue® Kit suitable for filling vehicles from the barrels. Composed by:  
stainless steel support bracket for barrels fixing, self-priming electric diaphragm pump, manual or automatic nozzle, delivery EPDM hose 6 m length, and suction connections

### “Barrel Kit” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m length

**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min  
cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min  
cable 4 m length mtwith pincers



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate min-max 5-120 l/min.



**Art. 099-6504-000** Suction kit AF2 56x4 1” BSP



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 911-0500-011** PVC spiral suction hose d.20x25 1,1 m length



**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min






**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min



**Art. 099-6506-000** Adaptor for barrel F 2” BSP - M 56x4

# ELECTRIC PUMPS KIT FOR Adblue® TRANSFER “Barrel Kit”



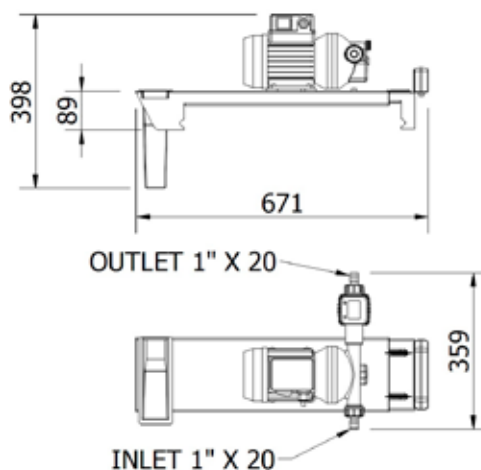
Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Suction kit	Flow meter	Weight	Packaging
		l/min	AC V./Hz DC Volt	W	BSPG	Ø				kg	mm

<b>097-5710-230</b>	Barrel Kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	YES	YES	18,30	760X760X265
<b>097-5711-230</b>	Barrel Kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	YES	YES	20,30	760X760X265

<b>097-5710-115</b>	Barrel Kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	YES	YES	18,30	760X760X265
<b>097-5711-115</b>	Barrel Kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	YES	YES	20,30	760X760X265

<b>097-5710-012</b>	Barrel Kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	YES	YES	16,75	760X760X265
<b>097-5711-012</b>	Barrel Kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	YES	YES	18,75	760X760X265

**PUMP DUTY CYCLE min: S2 20**



AdBlue® kit suitable for filling vehicles from the barrels.

Composed by: electric diaphragm self-priming pump, manual or automatic nozzle, delivery EPDM hose 6 m length, suction hose with valve+filter.

### “Portable kit AdBlue®” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m length

**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min  
cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min  
cable 4 m length with pincers

**Art. 098-6500-024** Diaphragm electric pump for AdBlue® 24V 34 l/min  
cable 4 m length with pincers



**Art. 099-6512-015** Kit PVC spiral suction hose d.20x25 1,5 m length



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4" 6 m length (19x29)





**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min

# PORTABLE ELECTRIC PUMPS KIT FOR AdBlue®



Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Adaptor	Weight	Packaging
		l/min	AC V./Hz DC Volt	W	BSPG	Ø			kg	mm

<b>097-5800-230</b>	Portable kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	Valve+filter	11,50	410X400X320
<b>097-5801-230</b>	Portable kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	13,50	410X400X320

<b>097-5800-115</b>	Portable kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	Valve+filter	11,50	410X400X320
<b>097-5801-115</b>	Portable kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	13,50	410X400X320

<b>097-5800-012</b>	Portable kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	Valve+filter	10,00	410X400X320
<b>097-5801-012</b>	Portable kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	12,00	410X400X320

<b>097-5800-024</b>	Portable kit	<b>34</b>	24	336	3/4"-3/4"	19X29	Man.AD90	Valve+filter	10,00	410X400X320
<b>097-5801-024</b>	Portable kit	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	12,00	410X400X320

**PUMP DUTY CYCLE min: S2 20**

AdBlue® kit suitable for filling vehicles from the barrels. Composed by: electric diaphragm self-priming pump, manual or automatic nozzle, delivery EPDM hose 6 m length, suction hose with valve+filter.

### “Portable kit AdBlue®” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min cable 2 m length

**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min cable 4 m length with pincers

**Art. 098-6500-024** Diaphragm electric pump for AdBlue® 24V 34 l/min cable 4 m length with pincers



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate min-max 5-120 l/min.



**Art. 099-6512-015** Kit PVC spiral suction hose d.20x25 1,5 m length



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4" 6 m length (19x29)






**Art. 099-5199-000** Manual plastic nozzle “AD90” Flow rate 90 l/min



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min

# PORTABLE ELECTRIC PUMPS KIT FOR AdBlue®



Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Adaptor	Flow meter	Weight	Packaging
		l/min	AC V./Hz DC Volt	W	BSPG	Ø				kg	mm

<b>097-5810-230</b>	Portable kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Man.AD90	Valve+filter	YES	11,80	410X400X320
<b>097-5811-230</b>	Portable kit	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	13,80	410X400X320

<b>097-5810-115</b>	Portable kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Man.AD90	Valve+filter	YES	11,80	410X400X320
<b>097-5811-115</b>	Portable kit	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	13,80	410X400X320

<b>097-5810-012</b>	Portable kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Man.AD90	Valve+filter	YES	10,30	410X400X320
<b>097-5811-012</b>	Portable kit	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	12,30	410X400X320

<b>097-5810-024</b>	Portable kit	<b>34</b>	24	336	3/4"-3/4"	19X29	Man.AD90	Valve+filter	YES	10,30	410X400X320
<b>097-5811-024</b>	Portable kit	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	12,30	410X400X320

**PUMP DUTY CYCLE min: S2 20**



Solid cabinet in varnished anti-corrosion steel equipped with key closure. The dispenser pump group lies inside with anti-vibration supports. Composed by: electric diaphragm self-priming pump, automatic nozzle, delivery EPDM hose 6 m length, suction hose with valve+filter.

### “Meclube Box AdBlue®” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min cable 2 m length

**Art. 098-6500-115** Diaphragm electric pump for AdBlue® 115V 60 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Diaphragm electric pump for AdBlue® 12V 34 l/min cable 2 m length with pincers

**Art. 098-6500-024** Diaphragm electric pump for AdBlue® 24V 34 l/min cable 2 m length with pincers



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate min-max 5-120 l/min.



**Art. 099-6512-015** Kit PVC spiral suction hose d.20x25 1,5 m length



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end “AP80” 80 l/min






**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min  
With swiveling joint



**Art. 090-5053-000** Cabinet for pump group

# CABINET DISTRIBUTOR FOR AdBlue® “Meclube Box”



Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Adaptor	Flow meter	Weight	Packaging
		l/min	AC V./Hz DC Volt	W	BSPG	Ø				kg	mm

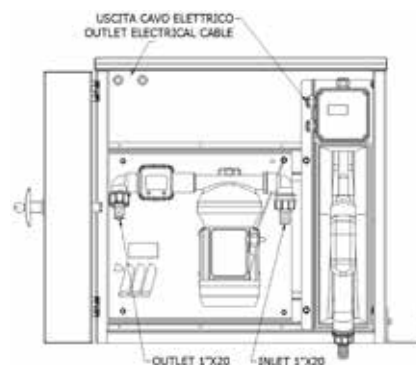
<b>097-5910-230</b>	Meclube Box	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	38,50	630X380X605
<b>097-5911-230</b>	Meclube Box	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AD80	Valve+filter	YES	40,50	630X380X605

<b>097-5910-115</b>	Meclube Box	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	38,50	630X380X605
<b>097-5911-115</b>	Meclube Box	<b>40</b>	115/60	350	3/4"-3/4"	19X29	Aut.AD80	Valve+filter	YES	40,50	630X380X605

<b>097-5910-012</b>	Meclube Box	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	38,50	630X380X605
<b>097-5911-012</b>	Meclube Box	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AD80	Valve+filter	YES	40,50	630X380X605

<b>097-5910-024</b>	Meclube Box	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AP80	Valve+filter	YES	38,50	630X380X605
<b>097-5911-024</b>	Meclube Box	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AD80	Valve+filter	YES	40,50	630X380X605

**PUMP DUTY CYCLE min: S2 20**



AdBlue® transferring kit in solid structure for private use. It allows the quick and clean filling of the vehicles. It permits the following functions: the identification of the authorised users, the pre-selection of dispensed quantity, the detection of the total consumption and the single-user consumption, the record of the deliveries and the management of 200 users. The system is equipped with key-manager to start the delivery quickly. The system includes the nozzle holder with microswitch to turn the pump on/off, automatic nozzle with swiveling joint and side hose holder. The equipment can be fixed to the wall, to a tank or to its own column.

### “Electronic Cami Dispenser” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m lenght



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4" 6 m lenght (19x29)



**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min  
With swiveling joint



**Art. 092-5200-230** Electronic control unit MecGest 110/230V 50Hz  
Software included



**Art. 099-5170-040** Mechanical pulsed flow meter MGI-40



**Art. 092-5220-000** Codified communication kit USB key reader for PC



**Art. 092-5300-000** Red Key- Manager - nr. 1 pc.



**Art. 090-5073-000** Base Column Cami-Dispenser

### OPTIONAL:



**Art. 092-5300-010** Kit blue keys - Users - 10 pcs



**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min




# AdBlue® TRANSFER SYSTEM “Electronic Cami Dispenser”



Art. 097-5074-230



Art. 097-5075-230

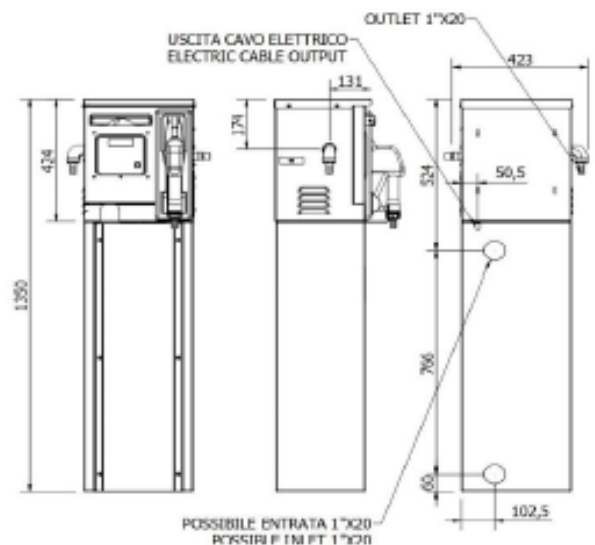
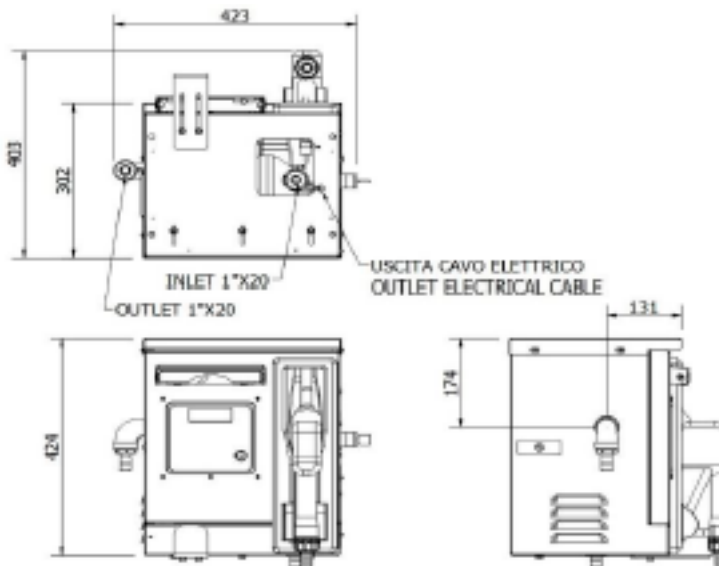
Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Flow meter	Working cycle	Column	Weight
		l/min	AC V/Hz DC Volt	W	BSPG	Ø			min		kg

097-5074-230	Cami Dispenser	40	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	S20-20	NO	28,00
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097-5075-230	Cami Dispenser	40	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	S20-20	YES	51,50
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Ref.	Packaging (mm)	Nr. Of boxes
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097-5074-230	505x355x425	1
097-5075-230	505x355x425 - 365x305x945	2



## AdBlue® TRANSFER SYSTEM “Electronic Cami Dispenser LC”

AdBlue® transferring kit for private use. It allows the quick and safe filling of the vehicles. It also permits to measure and record the dispensed quantities. It permits the following functions: the preselection of the dispatched quantity, to see the total dispensed and each single dispense, to memorize the dispatches. The systems comes with a Lan Connection that enables the constant communication with the software, the reception of the type of configuration from remote and the report sending of the dispenses, MecGest can manage up to 200 users. The system is equipped with user-key and manager-key, to quickly start the dispatch. It is equipped with nozzle holder, microswitch to turn the pump on/off, automatic nozzle with swiveling joint, and extractable hose support. The equipment can be fixed to the wall, to a tank or to its column.

### “Electronic Cami Dispenser LC” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m lenght



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4" 6 m lenght (19x29)



**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min  
With swiveling joint



**Art. 092-5200-230** Electronic control unit MecGest 110/230V 50Hz  
Software included



**Art. 099-5170-040** Mechanical pulsed flow meter MGI-40



**Art. 092-5350-001** Codified Kit Lan Connection USB - RS485



**Art. 090-5073-000** Base Column Cami-Dispenser

#### OPTIONAL:



**Art. 092-5300-010** Kit blue keys - Users - 10 pcs



**Art. 092-5220-000** Codified communication kit USB key reader for PC



**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min




# AdBlue® TRANSFER SYSTEM “Electronic Cami Dispenser LC”



Art. 097-5076-230



Art. 097-5077-230

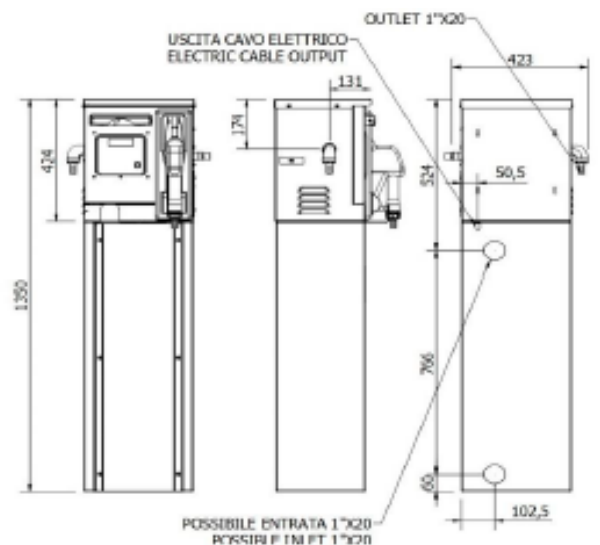
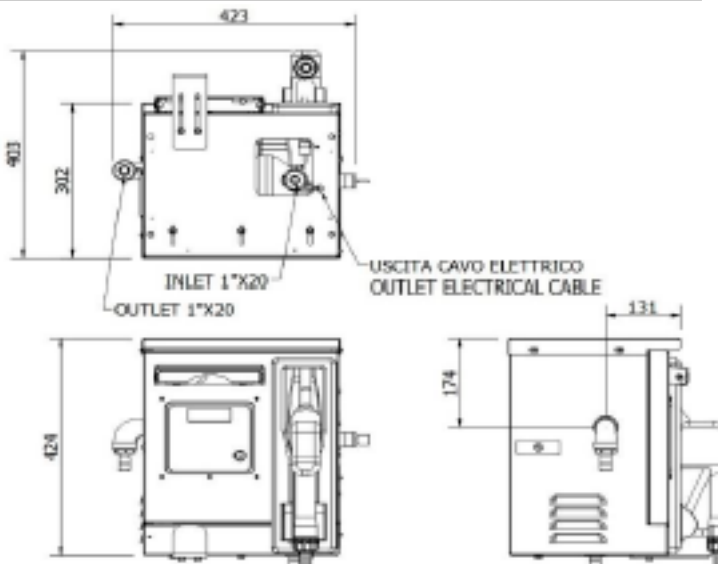
Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Flow meter	Working cycle	Column	Weight
		l/min	AC V/Hz DC Volt	W	BSPG	Ø			min		kg

097-5076-230	Cami Dispenser	40	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	S2 20	NO	28,00
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097-5077-230	Cami Dispenser	40	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	S2 20	YES	51,50
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Ref.	Packaging (mm)	Nr. Of boxes
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097-5076-230	505x355x425	1
097-5077-230	505x355x425 - 365x305x945	2



AdBlue® transferring kit in solid structure for private use. It allows the quick and clean filling of the vehicles. It permits the following functions: the identification of the authorised users, the pre-selection of dispensed quantity, the detection of the total consumption and the single-user consumption, the storage of the deliveries and the management of 200 users. The system is equipped with key-manager to start the delivery quickly. The system includes the nozzle holder with microswitch to turn the pump on/off, automatic nozzle with swiveling joint and side hose holder.

### “Electronic Gaia Service” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m length



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4” 6 m length (19x29)



**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min  
With swiveling joint



**Art. 092-5200-230** Electronic control unit MecGest 110/230V 50Hz  
Software included



**Art. 099-5170-040** Mechanical pulsed flow meter MGI-40



**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min



**Art. 092-5220-000** Codified communication kit USB key reader for PC



**Art. 092-5300-000** Red Key- Manager - nr. 1 pc.

### OPTIONAL:



**Art. 092-5300-010** Kit blue keys - Users - 10 pcs

# AdBlue® TRANSFER SYSTEM “Electronic Gaia Service”






Art. 097-5084-230

H. 1380 mm



Art. 097-5085-230

H. 980 mm

Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Flow meter	Filter	Working cycle	Weight
		l/min	AC V/Hz DC Volt	W	BSPG	Ø				min	kg

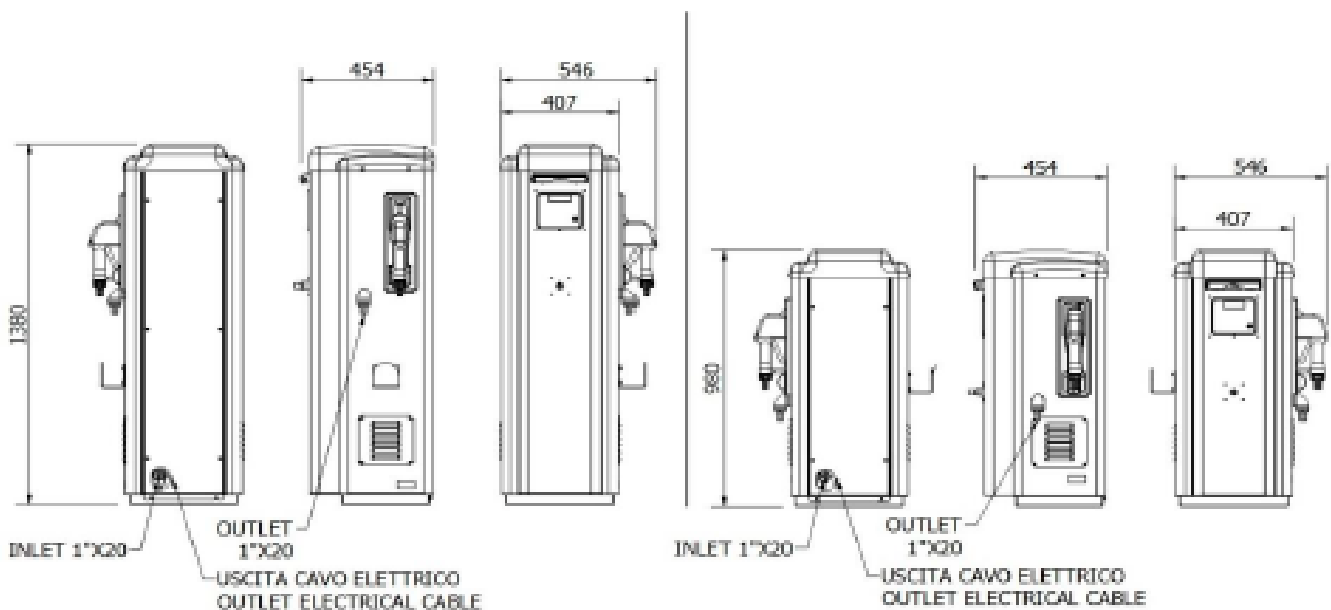
**H. 1380 mm**

<b>097-5084-230</b>	Gaia Service	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	YES	S2 20	67,50
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**H. 980 mm Suitable for tank fixing**

<b>097-5085-230</b>	Gaia "Tank"	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	YES	S2 20	59,50
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Ref.	Packaging (mm)	Nr. Of boxes
<b>097-5084-230</b>	530x490x1410	1
<b>097-5085-230</b>	530x490x1010	2





AdBlue® transferring kit in solid structure for private use. It allows the quick and clean filling of the vehicles. It also permits to measure and record the dispensed quantities. It permits the following functions: the preselection of the dispatched quantity, to see the total dispensed and each single dispense, to memorize the dispatches. The systems comes with a Lan Connection that enables the constant communication with the software, the reception of the type of configuration from remote and the report sending of the dispenses, MecGest can manage up to 200 users. The system includes the nozzle holder with microswitch to turn the pump on/off, automatic nozzle with swiveling joint and hose holder.

### “Electronic Gaia Service LC” series composed by:



**Art. 098-6500-230** Diaphragm electric pump for AdBlue® 230V 50 Hz 40 l/min  
cable 2 m lenght



**Art. 909-0500-060** Antistatic hose EPDM 20 bar G 3/4" 6 m lenght (19x29)



**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min  
With swiveling joint



**Art. 092-5200-230** Electronic control unit MecGest 110/230V 50Hz  
Software included



**Art. 099-5170-040** Mechanical pulsed flow meter MGI-40



**Art. 099-5240-020** AdBlue® filter 20µ 60 l/min



**Art. 092-5350-001** Coded Kit Lan Connection USB - RS485

### OPTIONAL:



**Art. 092-5300-010** Kit blue keys - Users - 10 pcs



**Art. 092-5220-000** Coded communication kit USB key reader for PC

# AdBlue® TRANSFER SYSTEM “Electronic Gaia Service LC”






Art. 097-5086-230

H. 1380 mm



Art. 097-5087-230

H. 980 mm

Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Flow meter	Filter	Working cycle	Weight
		l/min	AC V/Hz DC Volt	W	BSPG	Ø				min	kg

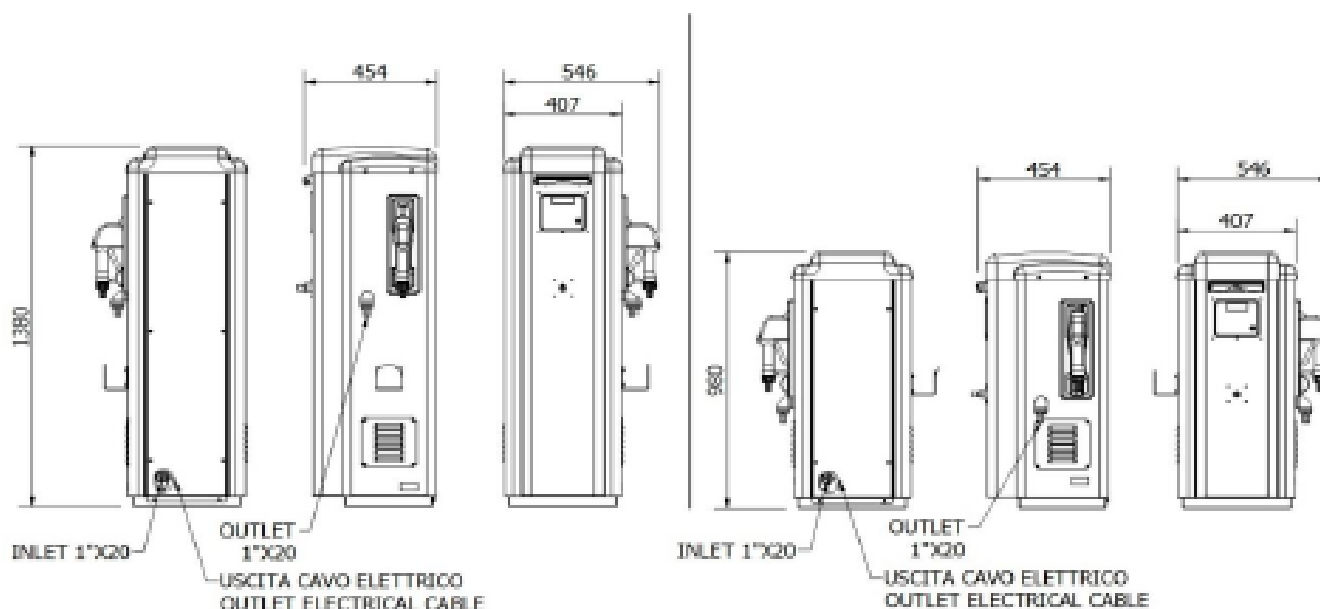
**H. 1380 mm**

<b>097-5086-230</b>	Gaia Service	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	YES	S2 20	67,50
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**H. 980 mm Suitable for tank fixing**

<b>097-5087-230</b>	Gaia "Tank"	<b>40</b>	230/50	350	3/4"-3/4"	19X29	Aut.AD80	MGI-40	YES	S2 20	59,50
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Ref.	Packaging (mm)	Nr. Of boxes
<b>097-5086-230</b>	530x490x1410	1
<b>097-5087-230</b>	530x490x1010	2



Rigid polyethylene tank for AdBlue® transport for non-commercial use, with built-in transfer unit consisting of rotary vane self-priming pump available in various voltages (12-24V). Delivery hose ø 19 mm 4 m length and automatic nozzle. The system is available at 220 liters and can be integrated with digital flow meter. The tank is equipped with 2" filling plug with pressurizing/depressurizing relief valve. See ADR Regulations at page 180.

### “AdBlue® Tank 220” series composed by:



**Art. 097-6220-000** Tank 220 l without pumps



**Art. 098-6500-012** Electric diaphragm pump for AdBlue® 12V 34 l/min  
cable 4 m length with pincers

**Art. 098-6500-024** Electric diaphragm pump for AdBlue® 24V 34 l/min  
cable 4 m length with pincers



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate 5-120 l/min.

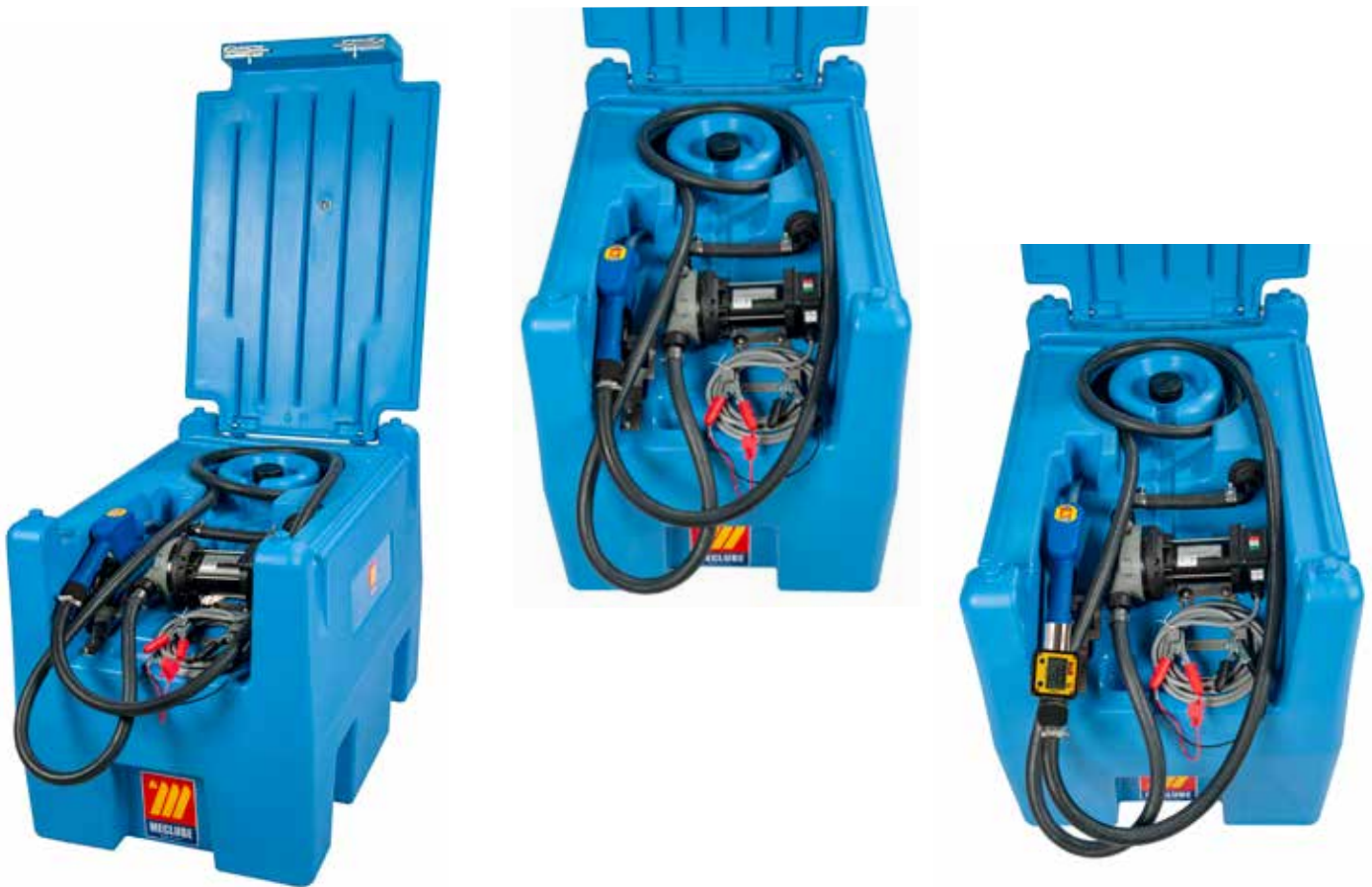





**Art. 909-0500-040** Antistatic hose EPDM 20 bar G 3/4" 4 m length (19x29)



**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min

# AdBlue® TANK 220

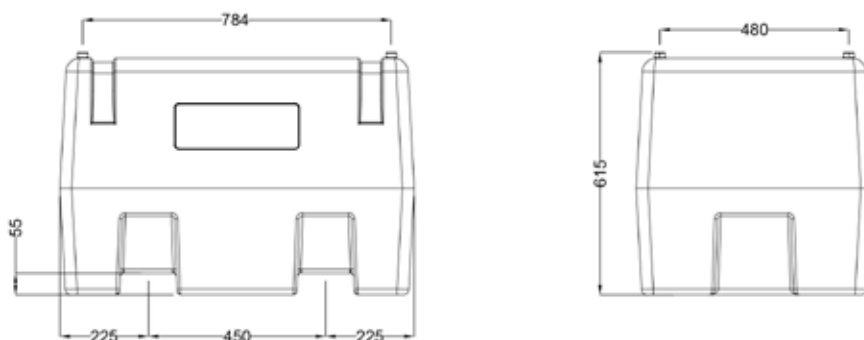


Ref.	Descrip.	Flow meter	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Cable L.mt	Flow meter	Weight	Packaging
		l/min	ACV/Hz DC Volt	W	BSPG	Ø				kg	mm

<b>097-6220-012</b>	Tank 220 l	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AD80	4	NO	24,00	910X600X620
<b>097-6221-012</b>	Tank 220 l	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AD80	4	YES	24,50	910X600X620

<b>097-6220-024</b>	Tank 220 l	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AD80	4	NO	24,00	910X600X620
<b>097-6221-024</b>	Tank 220 l	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AD80	4	YES	24,50	910X600X620

**PUMP DUTY CYCLE min: S2 20**



Rigid polyethylene tank for AdBlue® transport for non-commercial use, with built-in transfer unit consisting of rotary vane self-priming pump available in various voltages (12-24V). Delivery hose ø 19 mm 4 m length and automatic nozzle. The system is available at 440 liters and can be integrated with digital flow meter. The tank is equipped with 2" filling plug with pressurizing/depressurizing relief valve. See ADR Regulations at page 180.

### “AdBlue® Tank 440” series composed by:



**Art. 097-6440-000** Tank 440 l without pumps



**Art. 098-6500-012** Electric diaphragm pump for AdBlue® 12V 34 l/min  
cable 4 m length with pincers

**Art. 098-6500-024** Electric diaphragm pump for AdBlue® 24V 34 l/min  
cable 4 m length with pincers



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate min-max 5-120 l/min.



**Art. 909-0500-040** Antistatic hose EPDM 20 bar G 3/4" 4 m length (19x29)






**Art. 099-5210-000** Automatic stainless steel nozzle “AD80” Flow rate 80 l/min



**Art. 092-6000-220** Probe for tank 330 l - 440 l

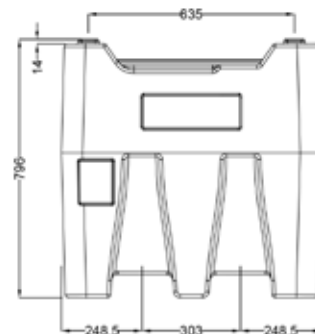
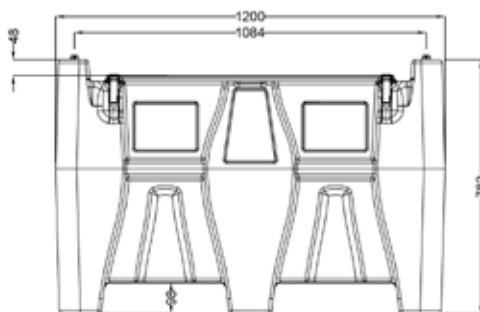


Ref.	Descrip.	Flow rate	Voltage	Power	Inlet-outlet	Conn. hose	Nozzle	Cable L.mt	Flow meter	Weight	Packaging
		l/min	AC V/Hz DC Volt	W	BSPG	Ø				kg	mm

<b>097-6440-012</b>	Tank 440 I	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AD80	4	NO	52,00	1200X800X785
<b>097-6441-012</b>	Tank 440 I	<b>34</b>	12	200	3/4"-3/4"	19X29	Aut.AD80	4	YES	52,50	1200X800X785

<b>097-6440-024</b>	Tank 440 I	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AD80	4	NO	52,00	1200X800X785
<b>097-6441-024</b>	Tank 440 I	<b>34</b>	24	336	3/4"-3/4"	19X29	Aut.AD80	4	YES	52,50	1200X800X785

**PUMP DUTY CYCLE min: S2 20**



Tank made of linear high density polyethylene, resistant to UV radiations with distribution cabinet for AdBlue® / DEF / Arla32. It is available in the version of 12V and 230V, with digital flow meter, stainless steel automatic nozzle, key lock and EPDM delivery hose of 3/4” L. 6m. The tank is available of 3000 l and 5000 l with closing cap with D. 42 cm.

DEF-Tank is provided with 1” vent valve, 2” filling hose and 1” suction hose.

The tank is designed to allow a great functioning of SCR systems (Selective Catalytic Reduction).



Diesel Exhaust  
**Fluid**



“DEF-Tank” series composed by:

Art. 097-9300-000 3000 l polyethylene tank

Art. 097-9500-000 5000 l polyethylene tank

Art. 097-5911-230 Meclube Box 230V, automatic nozzle AD80 digital flow meter and hose 3/4” length.6 m

Art. 097-5911-012 Meclube Box 12V, automatic nozzle AD80 digital flow meter and hose 3/4” length.6 m



# AdBlue® TANK-DISTRIBUTOR “DEF-Tank”



## Tank Technical Data

Ref.	Description	Capacity	Voltage	Width	Depth	Height	Total weight	Packaging
		l	AC V./Hz DC Volt	mm	mm	mm	Kg	mm
097-9300-230	DEF-Tank	3000	230/50	2200	1820	1910	165	2200X1600X2060
097-9300-012	DEF-Tank	3000	12	2200	1820	1910	165	2200X1600X2060



097-9500-230	DEF-Tank	5000	230/50	2670	2000	2220	215	2200X1600X2370
097-9500-012	DEF-Tank	5000	12	2670	2000	2220	215	2200X1600X2370



AdBlue®



## Meclube Box Technical Data

Ref.	Description	Flow Rate	Voltage	Power	Inlet Outlet	Conn. Hose	Nozzle	Flow Meter	Weight
		l/min	AC V./Hz DC Volt	W	BSPG	Ø			Kg
097-5911-230	Meclube Box	40	230/50	350	3/4"-3/4"	19X29	Aut.AD80	YES	40,50
097-5911-012	Meclube Box	34	12	200	3/4"-3/4"	19X29	Aut.AD80	YES	40,50

Pump Working Cycle min: S2 20



Rigid polyethylene tank for AdBlue® for professional and private use, suitable for the refueling small operative vehicles and light operative or recreational vehicles. They are equipped with run-flat tyres and suitable for moving on any ground. Every container can be filled vertically or horizontally, with the same Urea quantity. Provide with nozzle holder bracket, safety valve with swiveling joint, filling plug with anti-spill relief valve. See ADR Regulations at page 180.

### “Caddy” series composed by:



**Art. 097-6055-M00** Wheeled tank Caddy 55 l AdBlue



**Art. 099-5625-000** Manual rotary pump for AdBlue®




**Art. 908-0500-040** Antistatic rubber hose Ø 20 mm 4 m lenght



**Art. 099-5199-000** Manual plastic nozzle “AD90” for AdBlue® Flow rate 90 l/min



55 l

Ref.	Descrip.	Capacity for 100 revolutions		Width	Depth	Height	Nozzle	Weight	Packaging
		l	USG	mm	mm	mm		kg	mm

<b>097-6055-M00</b>	Caddy 55 l	<b>38</b>	10	460	360	900	Man.AD90	8,00	1000X500X500
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Trolley for the transport of AdBlue® barrels, specifically designed for filling the vehicles tanks. It's equipped with self-priming electric double diaphragm pump, automatic nozzle, flow rate reducer, digital turbine flow meter, IBC adaptor and telescopic suction hose. The plastic barrel and the tanks are not included.

**“Giuly-Blu” series composed by:**



**Art. 098-6500-230** Electric diaphragm pump for AdBlue® 230V 50 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Electric diaphragm pump for AdBlue® 12V 34 l/min cable 4 m length



**Art. 911-0500-015** PVC spiral suction hose ø 20x252 mm 1,5 m length



**Art. 909-0500-040** Connection hose EPDM ø 20 mm M-M 4,0 m length



**Art. 099-5205-000** Automatic plastic nozzle with stainless steel end AP80 80 l/min.



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate 5-120 l/min.



**Art. 099-6500-000** Suction hose 2” BSP SEC connection



**Art. 099-6600-000** Adaptor for suction hose SEC connection



**Art. 030-1398-000** Trolley 3 wheels with brake

# AdBlue® TRANSFER SYSTEM FOR VEHICLES “Giuly-Blu”



Art. 097-5750-230  
Art. 097-5750-012





Art. 097-5752-230  
Art. 097-5752-012



Giuly-Blu IBC

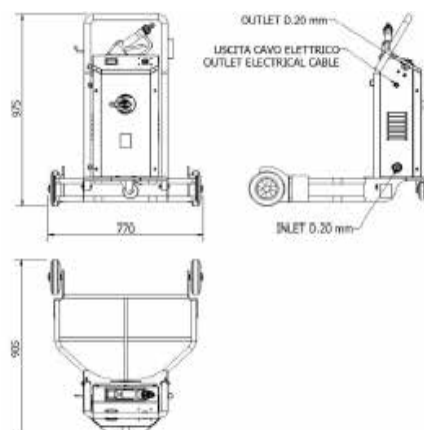
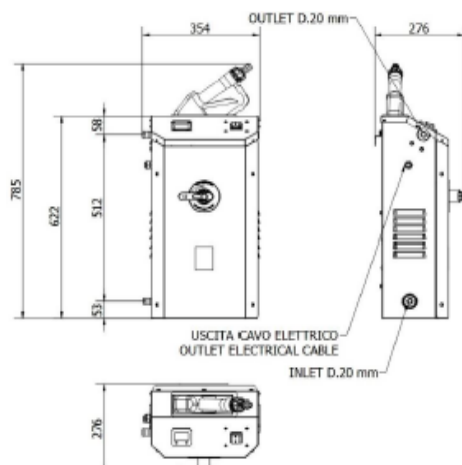
Drum and cistern not included

Ref.	Descrip.	Max. Nominal Flow Rate	Voltage	Power	Flow Rate	Delivery Hose	Suction Hose	Nozzle	Trolley	Weight
		LPM / GPM	AC V/Hz DC Volt	W	min	Ø / mm	Ø / mm			kg

097-5750-230	Giuly-Blu IBC	4 - 40 / 1 - 9	230 / 50	350	S2 30	20	20	AutAP80	NO	30,00
097-5750-012	Giuly-Blu IBC	4 - 34 / 1 - 9,2	12	200	S2 20	20	20	AutAP80	NO	30,00

097-5752-230	Giuly-Blu Trolley	4 - 40 / 1 - 9	230 / 50	350	S2 30	20	20	AutAP80	YES	52,40
097-5752-012	Giuly-Blu Trolley	4 - 34 / 1 - 9,2	12	200	S2 20	20	20	AutAP80	YES	52,40

Ref.	Packaging (mm)	Nr. Of boxes
097-5750-230	385X325X655	1
097-5750-012	385X325X655	1
097-5752-230	(385X325X655) + (920X790X250)	2
097-5752-012	(385X325X655) + (920X790X250)	2



Trolley for the transport of AdBlue® barrels, specifically designed for filling the vehicles tanks. It's equipped with self-priming electric double diaphragm pump, automatic nozzle, flow rate reducer, digital turbine flow meter, IBC adaptor and telescopic suction hose. The plastic barrel and the tanks are not included.

**“Giuly-Blu” series composed by:**



**Art. 098-6500-230** Electric diaphragm pump for AdBlue® 230V 50 Hz 40 l/min cable 2 m length



**Art. 098-6500-012** Electric diaphragm pump for AdBlue® 12V 34 l/min cable 4 m length



**Art. 911-0500-015** PVC spiral suction hose ø 20x252 mm 1,5 m length



**Art. 909-0500-040** Connection hose EPDM ø 20 mm M-M 4,0 m length



**Art. 099-5220-000** ZVA Automatic nozzle for AdBlue @ LV / Urea according to ISO 22241-1 (DEF/AUS/ARLA 32) for light vehicles < 3,5 t.  
With ATEX certificate (EX II 1G) Certificate Nr. SIRA 03ATEX9 487U  
Swivelling joint with integrated and certified flow regulator :  
TÜV - P-TÜ7-8113338228 ISO 22241  
Complete with adaptor EW 22



**Art. 099-5124-000** Digital flow meter MEC 24 min-max flow rate 5-120 l/min.



**Art. 099-6500-000** Suction hose 2” BSP SEC connection



**Art. 099-6600-000** Adaptor for suction hose SEC connection



**Art. 030-1398-000** Trolley 3 wheels with brake

# AdBlue® TRANSFER SYSTEM FOR VEHICLES “Giuly-Blu” PROFESSIONAL



Art. 097-5760-230  
Art. 097-5760-012





Art. 097-5762-230  
Art. 097-5762-012



Giuly-Blu IBC

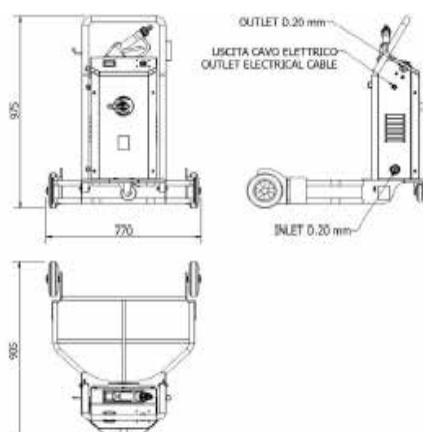
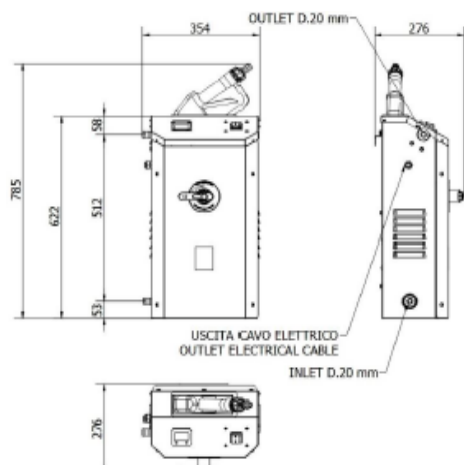
Drum and cistern not included

Ref.	Descrip.	Max. Nominal Flow Rate	Voltage	Power	Flow Rate	Delivery Hose	Suction Hose	Nozzle	Trolley	Weight
		l/min	AC V./Hz DC Volt	W	l/min	Ø / mm	Ø / mm			kg

097-5760-230	Giuly-Blu Prof	5 - 10	230 / 50	350	40	20	20	ZVA LV	NO	30,00
097-5760-012	Giuly-Blu Prof	5 - 10	12	200	34	20	20	ZVA LV	NO	30,00

097-5762-230	Giuly-Blu Prof Trolley	5 - 10	230 / 50	350	40	20	20	ZVA LV	YES	52,40
097-5762-012	Giuly-Blu Prof Trolley	5 - 10	12	200	34	20	20	ZVA LV	YES	52,40

Ref.	Packaging (mm)	Nr. Of boxes
097-5760-230	385X325X655	1
097-5760-012	385X325X655	1
097-5762-230	(385X325X655) + (920X790X250)	2
097-5762-012	(385X325X655) + (920X790X250)	2



Varnished trolleys advised for the transport of barrels (AdBlue®, oil, grease and similar) of 180-220 kg in work places.



**Art. 030-1398-000 Trolley for barrel 180-220 l**

**Pre-arranged for application of the hose reel**

EQUIPPED WITH:

- Nr. 2 fixed wheels Ø 200 mm
- Nr. 1 swiveling wheel Ø 125 mm (equipped with locking device)
- Band for fixing barrels
- Base dimension 600 x 470 mm



**Art. 030-1400-000 Trolley for barrel 180-220 l**

EQUIPPED WITH:

- Nr. 2 fixed wheels Ø 250 mm
- Nr. 2 swiveling wheel Ø 125 mm
- Base dimension 610 x 610 mm



**Art. 030-1405-000 Trolley for barrel 180-220 l**

**Pre-arranged for application of the hose reel**

EQUIPPED WITH:

- Nr. 2 fixed wheels Ø 250 mm
- Nr. 2 swiveling wheel Ø 180 mm (one equipped with locking device)
- Base dimension 610 x 610 mm

Ref.	Wheels	For barrel	Base dimension	Weight	Packaging
	nr.	l	mm	Kg	mm

<b>030-1398-000</b>	3	180/220	600x470	22,4	920X790X250
<b>030-1400-000</b>	4	180/220	610x610	37,1	920X790X250
<b>030-1405-000</b>	4	180/220	610x610	48,6	920X790X250

# ELECTRIC DIAPHRAGM PUMPS FOR AdBlue® AIR-OPERATED DOUBLE DIAPHRAGM PUMPS





Electric diaphragm self-priming pump without any dynamic seals. Suitable for aggressive fluids transfer like AdBlue®.



**Art. 098-6500-230 Electric diaphragm pump for AdBlue®  
230V 50Hz 40 l/min**

Duty cycle: 20 min  
Housing: Polypropylene  
Diaphragm: EPDM  
Check valve: Viton  
Check valve spring: stainless steel 316  
Motor shaft: stainless steel 316  
Switch ON / OFF  
Rubber holder fitting F1" Ø 20  
2 m cable with socket



**Art. 098-6500-115 Electric diaphragm pump for AdBlue®  
120V 60Hz 40 l/min**

Duty cycle: 20 min  
Housing: Polypropylene  
Diaphragm: EPDM  
Check valve: Viton  
Check valve spring: stainless steel 316  
Motor shaft: stainless steel 316  
Switch ON / OFF  
Rubber holder fitting F1" Ø 20  
2 m cable with socket

Ref.	Flow rate	Voltage	Power	Electricity	Inlet-outlet	Cable lenght	Duty cycle	Weight	Packaging
	l/min	V / Hz	W	A	BSPG	m	min	Kg	mm

<b>098-6500-230</b>	<b>40</b>	230/50	350	1,5	3/4" - 3/4"	2	S2 20	6,5	320X190X230
<b>098-6500-115</b>	<b>40</b>	120/60	350	3,5	3/4" - 3/4"	2	S2 20	6,5	320X190X230

Electric diaphragm self-priming pump without any dynamic seals. Suitable for aggressive fluids transfer like AdBlue®

**Art. 098-6500-012 Electric diaphragm pump for AdBlue®  
12V 34 l/min**



Duty cycle: 20 min  
Housing: Polypropylene  
Diaphragm: EPDM  
Check valve: Viton  
Check valve spring: stainless steel 316  
Motor shaft: stainless steel 316  
Switch ON / OFF  
4 m cable with socket  
Rubber holder fitting F1" Ø20

**Art. 098-6500-024 Electric diaphragm pump for AdBlue®  
24V 34 l/min**



Duty cycle: 20 min  
Housing: Polypropylene  
Diaphragm: EPDM  
Check valve: Viton  
Check valve spring: stainless steel 316  
Motor shaft: stainless steel 316  
Switch ON / OFF  
4 m cable with socket  
Rubber holder fitting F1" Ø20

Ref.	Flow rate	Voltage	Power	Electricity	Inlet-outlet	Cable Length	Duty cycle	Weight	Packaging
	l/min	V / Hz	W	A	BSPG	m	min	Kg	mm

<b>098-6500-012</b>	<b>34</b>	12	200	20	3/4" - 3/4"	4	S2 20	5	320X190X230
<b>098-6500-024</b>	<b>34</b>	24	336	14	3/4" - 3/4"	4	S2 20	5	320X190X230



# SUBMERSIBLE AdBlue® ELECTRO-PUMP “Mec-Ariel”

Submersible multi-impeller electro-pump designed for AdBlue®/DEF/Arla32. The pump is complete with power supply cable L.5m with case H07BN4-F and connection with clapet valve, plastic structure suitable for Adblue®. The equipment complies with EN 60335-1/EN 60034-1/IEC 60335-1/IEC 60034-1/CEI 61-150/CEI 2-3. The electro-pump works with S1 service continuously with flow rate up to 70 l/min and delivery head up to 27m, it can be used under the liquid level up to a maximum of 3m. Emptying level up to 25mm from the bottom. Electric engine with insulation in F class, IP X8 protection.

## Art. 098-7000-230 Submersible electro-pump for AdBlue® “Mec-Ariel” 230V 50Hz 70 l/min

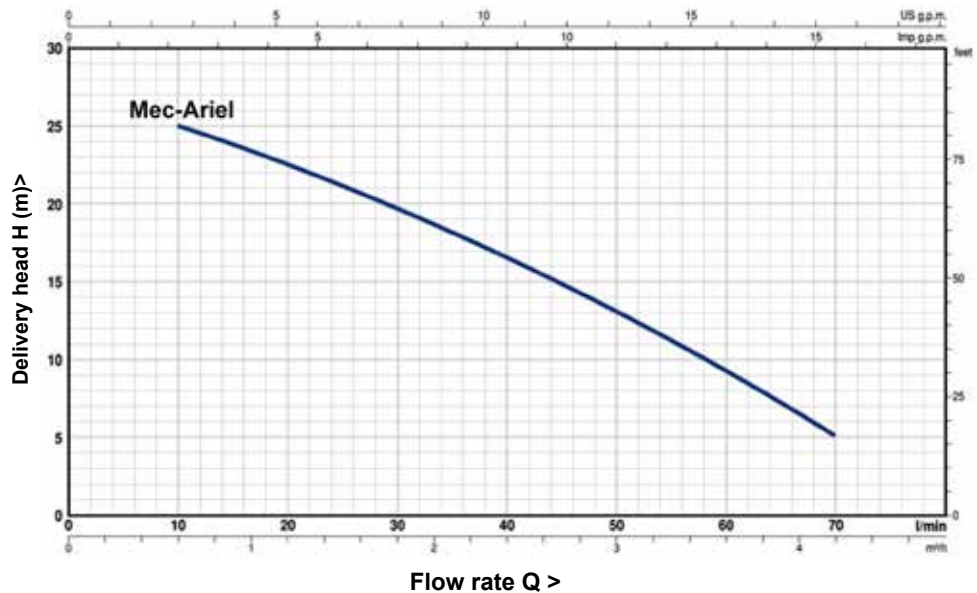
It is designed to pump clean liquid defined according to ISO 22241 standard as AUS32 (Aqueous Urea Solutions 32,5%).

This liquid corresponds to commercial names known as:

- AdBlue® (brand registered by Verband der automobilindustrie VDA)
- DEF (Diesel Exhausted Fluid)
- Arla 32 (Agente Reductor Líquido de Oxido de Nitrogenio Automotivo)



### PERFORMANCE DATA



Ref.	Power (P2)		Q										
	kW	HP		m3/h	0	0,6	1,2	1,8	2,4	3	3,6	4,2	
				l/min	0	10	20	30	40	50	60	70	

098-7000-230	0,37	0,5	H	meters	27	25	22,5	19,5	16,5	13	9	5
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Q=Flow rate H= Total manometric delivery head

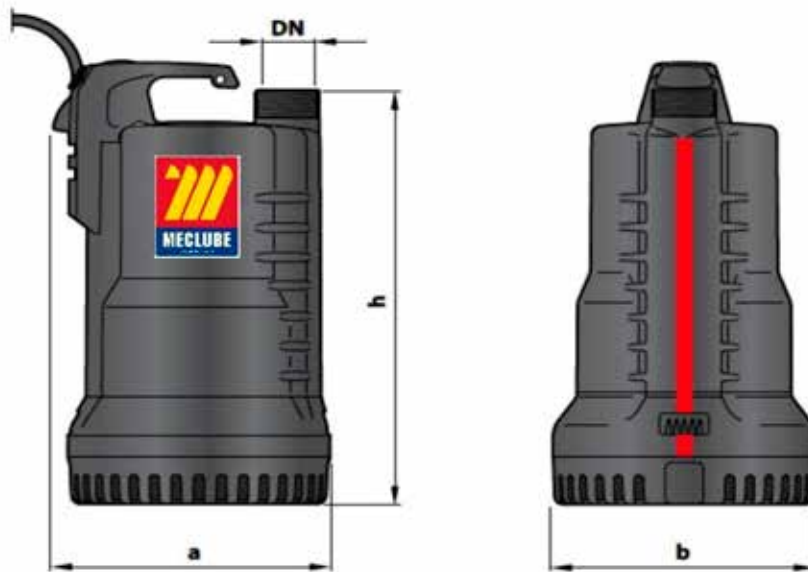
Tolerance of performance curves according to EN ISO 9906 Degree 38

# SUBMERSIBLE AdBlue® ELECTRO-PUMP “Mec-Ariel”

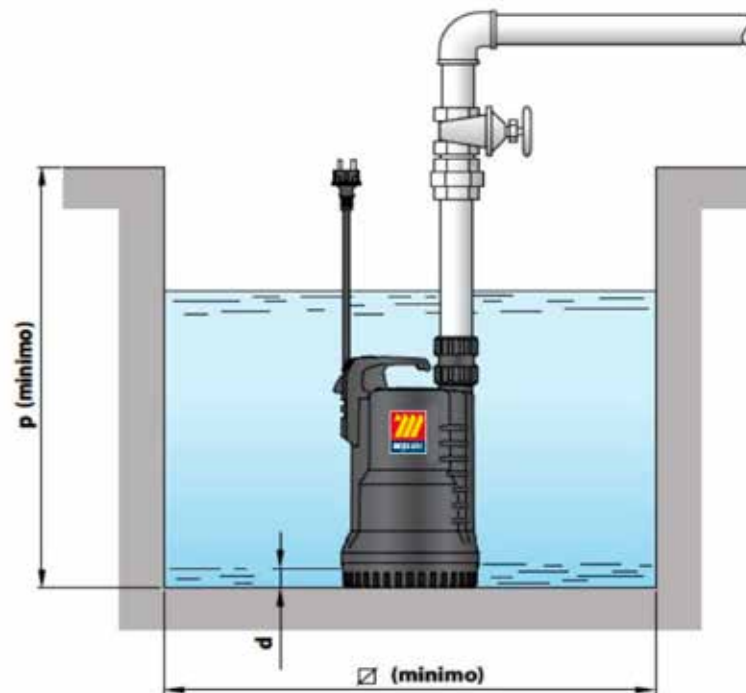


## Technical Data

Ref.	Description	Voltage	Flow rate	Liquid. Max. Temper	Power	Cable lenght	Working cycle	Packaging
		V / Hz	l/min	°C	A	m	min	mm
<b>098-7000-230</b>	Mec-Ariel	<b>230/50</b>	<b>70</b>	+40	2	5	S1 (continuos)	235X195X370



## Typical installation



Ref.	Entrance	Stages N°	Dimensions (mm)					Weight
			a	b	h	d	∅	
<b>098-7000-230</b>	1 1/4"	<b>2</b>	180	170	295	25	220	6,15

Air-operated double diaphragm pumps have long been recognized as the most flexible pumps for handling difficult liquids at relatively low pressures and flows. The range of applications is virtually limitless. MECLUBE AODD pumps come in many sizes and choices of construction materials. Suitable for water, antifreeze, windscreen and AdBlue® transfer.



**EX II 3/3 GD h IIB T4 135°C ATEX zone2**

**Art. 028-P035-AB2 Air-operated double diaphragm pump  
Meclube model P35**

Made in polypropylene

Compression ratio: 1:1  
Max flow rate: 35 l/min  
Fluid connection: 1/2" BSP  
Air connection: 6 mm  
Max air pressure: 8 bar  
Max delivery height: 70 m  
Max suction lift dry: 5,0 m  
Max suction lift wet: 9,8 m



**EX II 3/3 GD h IIB T4 135°C ATEX zone2**

**Art. 028-P055-AB2 Air-operated double diaphragm pump  
Meclube model P55**

Made in polypropylene

Compression ratio: 1:1  
Max flow rate: 55 l/min  
Fluid connection: 1/2" BSP  
Air connection: 1/4" BSP  
Max air pressure: 8 bar  
Max delivery height: 80 m  
Max suction lift dry: 5,0 m  
Max suction lift wet: 9,8 m

Ref.	Casing	Diaphragm	Balls	Gasket	Fluids
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<b>028-P035-AB2</b>	Polypropylene	Hytrel+Ptfе	Ptfе	Viton	Water-Anti-freeze-Windscreen- AdBlue®
<b>028-P055-AB2</b>	Polypropylene	Hytrel+Ptfе	Ptfе	Viton	Water-Anti-freeze-Windscreen- AdBlue®

Ref.	Flow rate	Max viscosity	Max.Temp.	Inlet-outlet	Weight	Packaging
	l/min	CPS	°C	BSPG	Kg	mm

<b>028-P035-AB2</b>	<b>35</b>	15000	65	1/2"	2	250X180X260
<b>028-P055-AB2</b>	<b>55</b>	20000	65	1/2"	4	310X195X290

# AIR-OPERATED DOUBLE DIAPHRAGM PUMPS



Air-operated double diaphragm pumps have long been recognized as the most flexible pumps for handling difficult liquids at relatively low pressures and flows. The range of applications is virtually limitless. MECLUBE AODD pumps come in many sizes and choices of construction materials. Suitable for water, antifreeze, windscreen and AdBlue® transfer.



**EX II 3/3 GD h IIB T4 135°C ATEX zone2**

## Art. 028-P110-AB2 Air-operated double diaphragm pump Meclube model P110

Made in polypropylene

Compression ratio: 1:1  
 Max flow rate: 110 l/min  
 Fluid connection: 3/4" BSP  
 Air connection: 3/8" BSP  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction lift dry: 5,0 m  
 Max suction lift wet: 9,8 m



**EX II 3/3 GD h IIB T4 135°C ATEX zone2**

## Art. 028-P170-AB2 Air-operated double diaphragm pump Meclube model P170

Made in polypropylene

Compression ratio: 1:1  
 Max flow rate: 170 l/min  
 Fluid connection: 1" BSP  
 Air connection: 1/2" BSP  
 Max air pressure: 8 bar  
 Max delivery height: 80 m  
 Max suction lift dry: 5,0 m  
 Max suction lift wet: 9,8 m

Ref.	Casing	Diaphragm	Blass	Gasket	Fluids
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<b>028-P110-AB2</b>	Polypropylene	Hytrel+Ptfе	Ptfе	Viton	Water-Anti-freeze-Windscreen- AdBlue®
<b>028-P170-AB2</b>	Polypropylene	Hytrel+Ptfе	Ptfе	Viton	Water-Anti-freeze-Windscreen- AdBlue®

Ref.	Flow rate	Max viscosity	Max.Temp.	Inlet-outlet	Weight	Packaging
	l/min	CPS	°C	BSPG	Kg	mm

<b>028-P110-AB2</b>	<b>110</b>	25000	65	3/4"	5,5	310X195X290
<b>028-P170-AB2</b>	<b>170</b>	35000	65	1"	15	430X260X450

Manual/automatic nozzles for AdBlue® composed by plastic and stainless steel body, equipped with fixed and swiveling rubber holder. For their features they can be applied on every type of transfer system, also working for gravity.



**Art. 099-5199-000 Manual plastic nozzle “AD90” for AdBlue®**

Flow rate 90 l/min  
Viton seals  
Complete with hose-tail fitting  
Swivel connection Ø 20



**Art. 099-5200-000 Manual plastic nozzle stainless steel end “MP80” for AdBlue®**

Flow rate 80 l/min  
Viton seals  
Plastic body with stainless steel end  
Rubber holder Ø 20



**Art. 099-5205-000 Automatic plastic nozzle stainless steel end “AP80” for AdBlue®**

Flow rate 80 l/min  
Viton seals  
Plastic body with stainless steel end  
Rubber holder Ø 20



**Art. 099-5210-000 Automatic nozzle stainless steel “AD80” for AdBlue®**

Flow rate 80 l/min  
Viton seals  
Stainless steel body  
Swivel connection stainless steel Ø 20



**Art. 099-5230-000 “Gravity kit” for AdBlue® transfer**

Plastic nozzle with stainless steel end, flow rate 80 l/min, fitting d.20 “MP80”  
Fitting for external connection for IBC S60x6  
PVC spiral hose d.20x25 6 m length  
Stainless steel clamps 20x32 mm

**Art. 099-5250-000 Magnetic adaptor for AdBlue® tank**

Ref.	Model	Fluid	Flow rate	Inlet-outlet	Weight	Ø End	Packaging
		type	l/min	BSPG	Kg	mm	mm
<b>099-5199-000</b>	AD90	AdBlue®	<b>90</b>	F 1" - 20	0,28	19,00	400X175X57
<b>099-5200-000</b>	MP80	AdBlue®	<b>80</b>	F 1" - 20	0,50	19,00	400X175X57
<b>099-5205-000</b>	AP80	AdBlue®	<b>80</b>	F 1" - 20	1,10	19,00	400X175X57
<b>099-5210-000</b>	AD80	AdBlue®	<b>80</b>	F 1" - 20	2,6	19,00	400X175X57
<b>099-5230-000</b>	Graviti kit	AdBlue®	<b>80</b>	F 1" - 20	4,5	19,00	410X400X320
<b>099-5250-000</b>	-	AdBlue®	-	Ø21x Ø39	0,10	-	100X100X50

# AUTOMATIC NOZZLE ZVA AdBlue® LV



Automatic dispensing nozzle for AdBlue® with Atex certificate. It is made of a stainless steel body and equipped with swiveling rubber holder with integrated flow regulator and adaptor EW22 to transfer into drums. It is suitable for the refueling of light vehicles < 3,5 t.

## Art. 099-5220-000 ZVA Automatic nozzle for AdBlue® LV / Urea according to ISO 22241 (DEF/AUS/ARLA 32) for light vehicles < 3,5 t.



Nozzle with ATEX certificate (EX II 1G) Certificate Nr. SIRA 03ATEX9 487U  
 Swivelling joint with integrated and certified flow regulator:  
 TÜV - P-TÜ7-8113338228 ISO 2224  
 AdBlue spout of Ø19 mm with integrated filter ISO 22241-5  
 Nozzle with automatic shut-off, check valve, 1-speed lever latch with removable latch pin EB 280  
 With block magnet for reed switch contact-less on/off switching in the nozzle boot.  
 Complete with adaptor EW 22  
 Maximum flow rate 10 l/min, recommended flow rate for service stations 5 l/min  
 Viton seals  
 Stainless steel body  
 Stainless steel swivelling joint 1" BSP male

Depending on the vehicle model the filler inlet is normally located next to the Diesel filler inlet, or may be in the boot/trunk or the engine bay. Please follow your vehicle manufacturer's AdBlue® refilling instructions. Handling of the nozzle is similar to conventional ZVA nozzles. In order to dispense the nozzle must be pushed fully onto the filling point of the AdBlue® tank. Dispensing is done by pulling the lever. When the tank is full, the nozzle will shut off automatically.



Most light vehicles <3,5 t allow a trouble-free filling of the AdBlue® tanks with a flow rate of not more than 5 l/min. The nozzle should be adjusted to this value for daily operation.



Ref.	Flow rate	Pressure	Accuracy	Inlet	Weight	Packaging
	l/min	bar	%	BSPG	kg	mm
<b>099-5220-000</b>	<b>5-10</b>	3,5	+/- 0,5	M 1"	1,20	400x175x57



Turbine flow meter that features high precision performance for the measurement of AdBlue® for private use. The software enables full control of dispensing system thanks to the various functions featured. Applicable on motor pumps or for gravity. AdBlue® delivery filter complete with 20 µ cartridge and key. The filter headboard comes with a button for air discharge.



**Art. 099-5124-000 Digital turbine flow meter for AdBlue® MEC 24**

**Min-max flow rate 5-120 l/min**

6 digits totalizer (non-resettable)

6 digits partial (resettable)

Allowed fluids: AdBlue®, anti-freeze, windscreen



**Art. 099-5170-040 Electronic pulsed flow meter for AdBlue® MGI-40**

PVC body

Min-max flow rate 4-40 l/min

Inlet-outlet connection F1"



**Art. 099-5240-020 AdBlue® transparent delivery filter**

Flow rate 60 l/min

Inlet-outlet connection F1"

Filtering capacity **20 µ**

Complete with key



**Art. 099-5241-020 Cartridge for AdBlue® polypropylene filter**

For filter 60 l/min

Filtering capacity **20 µ**

Ref.	Flow rate	Pressure	Accuracy	Inlet-outlet	Weight	Packaging
	l/min	bar	%	BSPG	Kg	mm

<b>099-5124-000</b>	<b>5-120</b>	10	+/- 1	F 1" - F 1"	0,35	100X100X60
<b>099-5170-040</b>	<b>4-40</b>	10	+/- 0,8	F 1" - F 1"	1,00	159X100X141

Ref.	filter capacity	Fluid	Flow rate	Inlet-outlet	Weight	Packaging
	µ	Type	l/min	BSPG	Kg	mm

<b>099-5240-020</b>	<b>20</b>	AdBlue®	60	F 1" - F 1"	1,00	150X245X165
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<b>099-5241-020</b>	<b>20</b>	AdBlue®	-	-	0,06	Ø60Xh.126mm
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Electronic control unit that offers high precision performance for the AdBlue® measurement and delivery for private use.



**Art. 092-5200-230 Electronic control unit MecGest 110/230V 50Hz**  
**Software included**  
preselection and multi-users consumption management



**Art. 092-5220-000 Coded communication kit USB key reader for PC**



**Art. 092-5300-000 Red Key- Manager - nr. 1 pc.**



**Art. 092-5300-001 Blue key - User - nr. 1 pc.**



**Art. 092-5300-010 Kit blue keys - Users - 10 pcs**



**Art. 092-5350-001 Coded Kit Lan Connection USB - RS485**



**Art. 092-5402-100 Shielded cable signal 2 poles 100 m length**



**Art. 099-6600-000 Adaptor for suction hose SEC connection**



**Art. 099-6010-000 External suction hose connections for IBC S60X6**



**Art. 099-6020-006 Plastic foot valve with filter F 1"**  
Flow rate 80 l/min



**Art. R1-9100-2006 Plastic fitting linear M 1" BSP - Ø 20**



**Art. R1-9100-2506 Plastic fitting linear M 1" BSP - Ø 25**



**Art. R1-9102-2006 Plastic fitting male 90° M 3/4" BSP - Ø 20**



**Art. R1-9105-2006 Plastic fitting female F 1" BSP - Ø 20**



**Art. R1-9106-2006 Plastic fitting 90° female F 1" BSP - Ø 20**



**Art. R1-9107-0606 Plastic fitting 90° F-F 1" BSP**



**Art. R1-9125-2006 Plastic fitting 90° male-female M/F 1" BSP**  
with rubber holder Ø 20



**Art. R1-9120-0606 Plastic fitting 90° male-female M/F 1" BSP**



**Art. 099-6500-000 Suction hose M 56x4 SEC connection**  
For IBC tanks and Mauser, Greif barrels  
1050 mm Length max



**Art. 099-6500-010 Suction hose 2" BSP SEC connection**  
For IBC tanks and Mauser, Greif barrels  
1050 mm Length max



**Art. 099-6504-000 Drum adaptor AF2 56x4 1" BSP**  
for Greif barrels

**Art. 099-6504-010 Drum adaptor AF2 70x6 1" BSP**  
for Mauser barrels



**Art. 099-6505-000 Drum adaptor F 2" BSP - M 70x6**  
for Mauser barrels



**Art. 099-6506-000 Drum adaptor F 2" BSP - M 56x4**  
for Greif barrels



**Art. 099-6510-011 Suction kit PVC spiral hose 1,10 m length with SEC connection**  
PVC spiral hose Ø 20x25  
Inlet-outlet M 1" BSP  
SEC valve connection



**Art. 099-6512-015 Suction kit PVC spiral hose 1,50 m length**  
PVC spiral hose Ø 20x25  
Inlet-outlet M 1" BSP  
Plastic foot valve+filter  
Stainless steel clamps



**Art. B27-1120-032 Stainless steel hose clamp 20x32 mm**



**Art. 909-0500-000 Antistatic rubber hose EPDM 20 bar 19x29**

Ref.	Hose lenght	Ø Hose	Dimensions	Weight	Packaging
	m	G	mm	Kg	mm
<b>909-0500-020</b>	2	3/4"	19x29	1,5	400X400X100
<b>909-0500-040</b>	4	3/4"	19x29	2,5	400X400X100
<b>909-0500-060</b>	6	3/4"	19x29	3,4	400X400X100
<b>909-0500-100</b>	10	3/4"	19x29	5,3	400X400X150

They are suitable for the AdBlue® transfer. They can be easily installed and removed from drums.



### Art. 099-5620-000 Polypropylene rotary pump for AdBlue®

delivery capacity: 20 l/min (5 l revolution)  
For 50/220 l barrels  
Plastic drum adaptor 2"  
Viton seals  
Stainless steel hardware  
Spout (external diameter 1")  
Suitable for anti-freeze, windscreen and AdBlue® transfer



### Art. 027-1325-P00 Manual lever pump for AdBlue®

Delivery capacity: 0,25 l stroke  
Telescopic shank for 50/220 l barrels  
Plastic drum adaptor 2"  
Made in polypropylene, viton seals  
Suitable for anti-freeze, windscreen and AdBlue® transfer



### Art. 099-3717-000 Hand lever pump for AdBlue®

Delivery capacity: 0,25 l stroke  
Telescopic shank for 50/220 l barrels  
Plastic drum adaptor 2" BSP -M 70x6  
Plastic drum adaptor 2" BSP -M 56x4  
Made in polypropylene, viton seals  
Suitable for anti-freeze, windscreen and AdBlue® transfer



### Art. 099-3718-000 Hand lever pump for AdBlue®

Delivery capacity: 0,25 l stroke  
Telescopic shank for 50/220 l barrels  
Plastic drum adaptor 2" BSP -M 70x6  
Plastic drum adaptor 2" BSP -M 56x4  
Made in polypropylene, viton seals  
Equipped with hose retin Ø20 with plastic end Ø 20 3 m l  
Suitable for anti-freeze, windscreen and AdBlue® transfer

Ref.	Fluid	Spout	Delivery capacity	Weight	Packaging
	type	BSP / mm	l/min	Kg	mm
<b>099-5620-000</b>	AdBlue®	1"	<b>20 (5 l Ciclo)</b>	1,93	160X340X140
<b>099-3717-000</b>	AdBlue®	3/4"	<b>0,25 pompata</b>	1,45	510X240X110
<b>099-3718-000</b>	AdBlue®	20	<b>0,25 pompata</b>	2,70	510X240X110
<b>027-1325-P00</b>	AdBlue®	20	<b>0,30 pompata</b>	1,00	90X150X367

## AUTOMATIC HOSE REELS



Our automatic hose reels with spring, fixed or swivelling, of varnished steel, stainless steel AISI 304 or motorized hydraulic, pneumatic and electric are suitable for flexible hoses for the delivery of compressed air, water, oil or similar, grease, diesel, antifreeze, windscreen and AdBlue®.

They allow to unroll only the necessary hose length, improving their functionality.

The rewinding of the hose is fast and safe and allows to have a tidy workplace.

You always have a ready-to-use equipment that grant to all the staff to work safely.



Please consult the lubrication equipment catalogue

You can download it from the website “[www.meclube.com](http://www.meclube.com)”

The automatic hose reels with springs in varnished steel are suitable to hold flexible hoses for the AdBlue® delivery. They allow to untwist quickly only the necessary length, improving the working and functionality.

Composed by:

Antistatic black rubber hose EPDM 20 bar

Stainless steel connections AISI 316

Stainless steel swiveling joint 90° AISI 316

Viton seals

**F-400**



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>070-1209-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>070-1209-410</b>	<b>10</b>	1/2"	M 1/2"G - M 1/2"G

**F-460**



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>070-1309-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>070-1309-415</b>	<b>15</b>	1/2"	M 1/2"G - M 1/2"G

**F-550**



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>070-1409-500</b>	<b>without hose</b>	-	F 3/4"G - M 3/4"G
<b>070-1409-510</b>	<b>10</b>	3/4"	F 3/4"G - M 3/4"G
<b>070-1409-515</b>	<b>15</b>	3/4"	F 3/4"G - M 3/4"G

# SWIVELLING VARNISHED HOSE REELS FOR AdBlue® 20 bar



The automatic hose reels with springs in varnished steel are suitable to hold flexible hoses for the AdBlue® delivery. They allow to untwist quickly only the necessary length, improving the working and functionality.

## S-400



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>071-1209-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>071-1209-410</b>	<b>10</b>	1/2"	M 1/2"G - M 1/2"G

## S-460



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

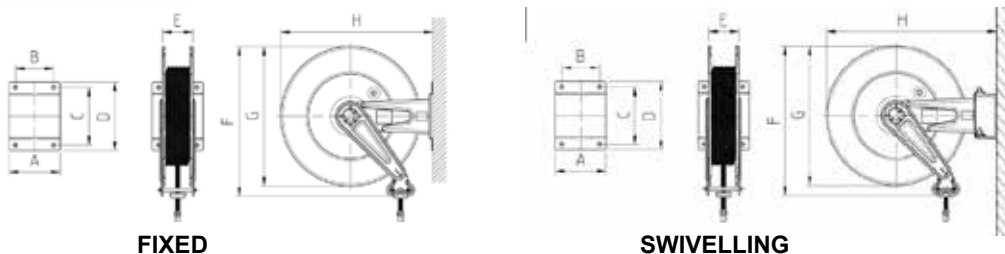
<b>071-1309-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>071-1309-415</b>	<b>15</b>	1/2"	M 1/2"G - M 1/2"G

## S-550



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>071-1409-500</b>	<b>without hose</b>	-	F 3/4"G - M 3/4"G
<b>071-1409-510</b>	<b>10</b>	3/4"	F 3/4"G - M 3/4"G
<b>071-1409-515</b>	<b>15</b>	3/4"	F 3/4"G - M 3/4"G



## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G	H	Kg	Packaging (mm)
F-400	158	120	168	192	95	450	400	435	12,50<19,50	600X260X540
F-460	158	120	168	192	95	480	460	500	16,50<23,00	600X260X590
F-550	200	150	225	270	120	590	550	600	22,00<45,00	640X300X685
S-400	150	120	168	196	95	450	400	510	13,50<20,50	640X350X685
S-460	150	120	168	196	95	480	460	575	17,50<24,00	640X300X685
S-550	200	150	225	270	120	590	550	680	23,00<45,00	640X350X685



The automatic hose reels stainless steel AISI 304 with spring are suitable to hold flexible hose for flexible AdBlue® delivery. They allow to untwist quickly only the necessary length, improving the working and the functionality.

Composed by:

Antistatic black rubber hose EPDM 20 bar

Stainless steel connections AISI 316

Stainless steel swiveling joint 90° AISI 316

Viton seals

**FX-400**



Ref.	Hose length	Ø hose	Inlet-outlet
	m	G	

<b>070-2209-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>070-2209-410</b>	<b>10</b>	1/2"	M 1/2"G - M 1/2"G

**FX-460**



Ref.	Hose length	Ø hose	Inlet-outlet
	m	G	

<b>070-2309-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>070-2309-415</b>	<b>15</b>	1/2"	M 1/2"G - M 1/2"G

**FX-550**



Ref.	Hose length	Ø hose	Inlet-outlet
	m	G	

<b>070-2409-500</b>	<b>without hose</b>	-	F 3/4"G - M 3/4"G
<b>070-2409-510</b>	<b>10</b>	3/4"	F 3/4"G - M 3/4"G
<b>070-2409-515</b>	<b>15</b>	3/4"	F 3/4"G - M 3/4"G

The automatic hose reels with springs in varnished steel are suitable to hold flexible hoses for the AdBlue® delivery. They allow to untwist quickly only the necessary length, improving the working and functionality.

## SX-400



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>071-2209-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>071-2209-410</b>	<b>10</b>	1/2"	M 1/2"G - M 1/2"G

## SX-460



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

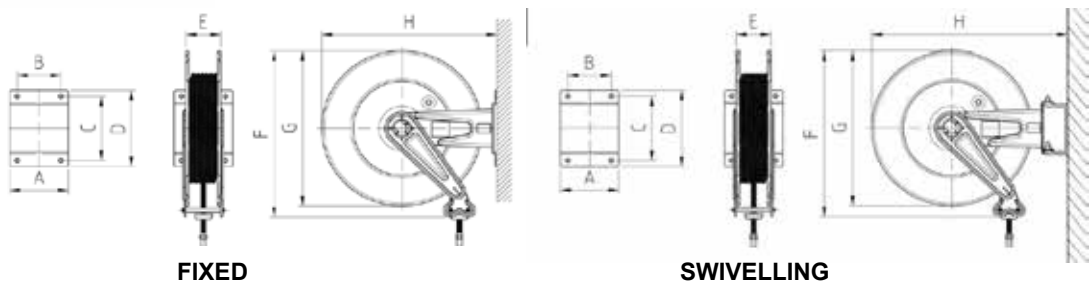
<b>071-2309-400</b>	<b>without hose</b>	-	M 1/2"G - M 1/2"G
<b>071-2309-415</b>	<b>15</b>	1/2"	M 1/2"G - M 1/2"G

## SX-550



Ref.	Hose lenght	Ø hose	Inlet-outlet
	m	G	

<b>071-2409-500</b>	<b>without hose</b>	-	F 3/4"G - M 3/4"G
<b>071-2409-510</b>	<b>10</b>	3/4"	F 3/4"G - M 3/4"G
<b>071-2409-515</b>	<b>15</b>	3/4"	F 3/4"G - M 3/4"G



## OVERALL DIMENSIONS

Mod.	A	B	C	D	E	F	G	H	Kg	Packaging (mm)
FX-400	158	120	168	192	95	450	400	435	12,50<19,50	600X260X540
FX-460	158	120	168	192	95	480	460	500	16,50<23,00	600X260X500
FX-550	200	150	225	270	120	590	550	600	22,00<45,00	640X300X685
SX-400	150	120	168	196	95	450	400	510	13,50<20,50	640X350X685
SX-460	150	120	168	196	95	480	460	575	17,50<24,00	640X350X685
SX-550	200	150	225	270	120	590	550	680	23,00<45,00	640X350X685

Digital turbine flow meter offers high precision performance for the measurement of private use liquid food-stuff (milk, oil, water...). The software enables full control of dispensing system thanks to the various functions featured. Applicable on motor pumps or for gravity.



**Art. 100-5120-000 Digital turbine flow meter IN-LINE food**  
min-max flow rate 10-150 l/min

6 digits totalizer (non resettable)  
6 digits partial (resettable)  
Allowed fluids: (milk, oil, water...)



**Art. 100-5199-020 Manual plastic nozzle "F120" for food**

Flow rate 120 l  
PTFE seals  
Plastic body  
Swivel connection Ø 20



**Art. 100-5199-025 Manual plastic nozzle "F120" for food**

Flow rate 120 l  
PTFE seals  
Plastic body  
Swivel connection Ø 25

Ref.	Flow rate	Pressure	Accuracy	Inlet-outlet	Weight	Packaging
	l/min	bar	%	BSPG	Kg	mm

<b>100-5120-000</b>	<b>10-150</b>	10	+/- 0,5	F 1" - F 1"	0,35	145X135X85
<b>100-5199-020</b>	<b>120</b>	10	-	F 1" - 20	0,28	400X175X57
<b>100-5199-025</b>	<b>120</b>	10	-	F 1" - 25	0,28	400X175X57

Suitable to transfer chemical products. It is prearranged for the direct application on the drum.



**Art. 100-3725-000 Stainless steel manual pump for AISI 316 for chemical products transfer**

Delivery capacity: 0,125 l/stroke  
 With adaptor for drum connection  
 Shank 550 < 940 lenght for drums to 20 < 220 l  
 PTFE seals



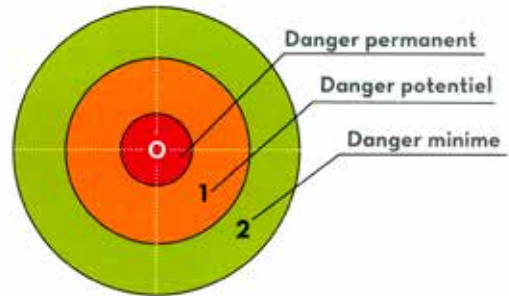
**Art. 030-1390-000 Trolley for plastic drums 20 < 30 l**

EQUIPPED WITH:  
 nr. 2 wheels Ø 100 mm  
 Base dimension 215x275 mm

Ref.	Delivery capacity	for drums	Inlet-outlet	Weight	Packaging
	l/stroke	l	BSPG	Kg	mm

<b>100-3725-000</b>	<b>0,125</b>	20<220	F 1/2"	2,1	740X205X95
<b>030-1390-000</b>	-	20<30	-	3,7	550X270X120





## IT. La sicurezza negli ambienti esplosivi

La direttiva ATEX è divenuta un requisito obbligatorio in tutta la CEE dopo il 1° Luglio 2003 per tutte le attrezzature, elettriche e meccaniche, destinate ad essere utilizzate in una zona pericolosa. Atmosfere potenzialmente esplosive esistono dove c'è il rischio di scoppio dovuto a miscele di gas/aria, vapore/aria, polvere/aria o altre combinazioni infiammabili, tipiche dei vapori di benzina. Qualora il materiale elettrico o meccanico dovesse essere utilizzato in aree con atmosfera esplosiva deve essere progettato e costruito in modo da non creare/eliminare le fonti d'innesco quali scintille, superfici calde o elettricità statica, tutte fonti di combustione in grado di accendere queste miscele. Le zone di rischio per ambienti con presenza di gas e vapori infiammabili possono andare dalla ZONA 0 (il rischio di esplosione è continuo), alla ZONA 1 (il rischio di scoppio è probabile), alla ZONA 2 (rischio improbabile e se si presenta una possibilità di deflagrazione, persiste solo per breve periodo).

## EN. Safety in explosive environments

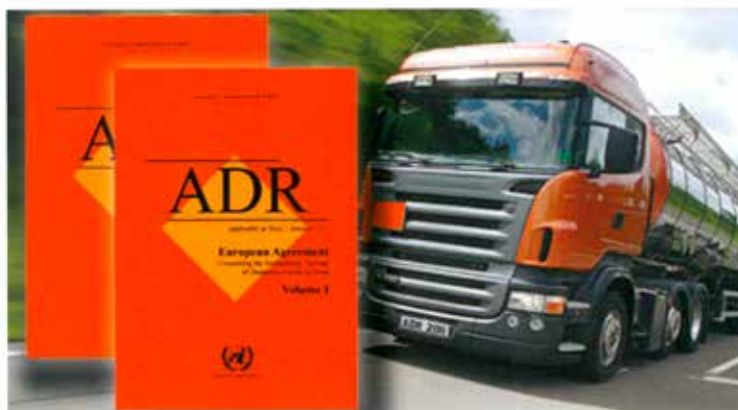
As of 1st July 2003, the ATEX directive came into force throughout the EEC. This directive became an obligatory requirement for all electrical and mechanical equipment intended for use in dangerous areas. Potentially explosive atmospheres exist where there is a risk of explosion due to mixtures of gas and air, steam and air, dust and air or other flammable combinations typical of petrol vapours. If the electrical or mechanical material must be used in areas where there is an explosive atmosphere, it must be designed and built so as not to create/ to eliminate sources of ignition such as sparks, hot surfaces or static electricity and all sources of combustion able to ignite these mixtures. Risk areas for environments where gas and flammable vapours are present can range from AREA 0 (constant risk of explosion) to AREA 1 (risk of explosion probable) and AREA 2 (low risk and any risk of explosion persists for a short time only).

Group	Category	Type of explosive atmosphere	perma- nent prefix	protection method		gas class	temperature class		equipment protection level
II	2	G	Ex	db	h	IIB	T4	T6	Gb
				Benz 50	Benz Flow		Benz 50	Benz Flow	

II = Il gruppo II comprende gli apparecchi destinati a essere utilizzati in altri ambienti (diversi da miniere) in cui vi sono probabilità che si manifestino atmosfere esplosive  
 2 = Elevata protezione, Categoria 2 per ZONE 1 GAS e ZONE 2 GAS  
 G = Gas  
 Ex = Equipaggiamento a prova di esplosione certificate secondo le direttive Europee ATEX  
 d = custodie a prova di esplosione (EN 60079-1)  
 IIB = Apparecchiature elettriche per atmosfere potenzialmente esplosive diversi delle miniere. (etilene etc.)  
 T4 = La temperatura della superficie della pompa non supererà i 135°C.

II = Group II comprises appliances intended for use in other environments (other than mining) in which explosive atmospheres are probable.  
 2 = High protection, Category 2 for AREA 1 GAS and AREA 2 GAS  
 G = Gas  
 Ex = Explosion-proof equipment certified according to the European ATEX directives  
 d = explosion-proof cases (EN 60079-1)  
 IIB = Electrical appliances for potentially explosive environments other than mining. (ethylene etc.)  
 T4 = The temperature of the pump will not exceed 135°C.

## European agreement concerning the international carriage of dangerous goods by road



The carriage of dangerous goods by road is regulated by an international Agreement (ADR) which is regularly amended and updated every two years. The original agreement was called "The European Agreement concerning the International Carriage of Dangerous Goods by Road (AOR)" and was signed at Geneva on 30 September 1957. Currently the number of countries which adhere to ADR is 48. The Agreement itself is short and simple. It consists of 17 articles which contain legislative principles and the procedures for Agreement subscription, application and revision, and of two Annexes that list all the instruction and provisions; Annex A contains the conditions for the goods in question, in particular as regards their packaging and labelling, and in Annex 8 are laid down the provision regarding the construction, equipment and operation of the vehicles carrying the dangerous goods.

In summary ADR regulations concern:

- Classification of dangerous goods with reference to transport by road.
- Dangerous Goods List; special provisions related to dan-

### EXEMPTIONS:

Annex A, in addition to provisions concerning dangerous substances and articles, specifies the exemptions relative to the transport on road of dangerous goods; in accordance with these exemptions it is possible to carry ADR goods in compliance with the quantities listed in par. 1.1.3.6 without any UN-approved package, driver with training certificate or safety labeled and equipped vehicle. In the matter in question these exemptions refer to:

- exemptions related to the nature of the transport operation;
- exemptions related to quantities carried per transport unit.

### EXEMPTIONS RELATED TO THE NATURE OF THE TRANSPORT OPERATION (TOTAL EXEMPTION PAR.1.1.3.1 ADR).

(a) The carriage of dangerous goods by private individuals where the goods in question are packaged for retail sale and are intended for their personal or domestic use or for their leisure or sporting activities provided that measures have been taken to prevent any leakage of contents in normal conditions of carriage. When the goods are flammable liquids carried in effilable receptacles filled by, or for, a private individual, the total quantity shall not exceed 60 liters per receptacle and 240 liters per transport unit. Dangerous goods in IBCs, large packagings or tanks are not considered to be packaged for retail sale.

(c) The carriage undertaken by enterprises which is ancillary to their main activity, such as deliveries to

dangerous goods packed in limited quantities.

- Packaging and containers provisions.
- Construction and testing of packagings.
- Construction and approval of vehicles.
- Conditions of carriage, loading, unloading and handling.
- Vehicle crews, equipment, operation and documentation.
- Total and partial exemptions.

Dangerous goods are defined on the basis of their properties and are divided into Classes. The Classes of dangerous goods, according to ADR, are the following:

- Class 1 - Explosive substances and articles.
- Class 2 - Gases.
- Class 3 - Flammable liquids.
- Class 4.1- Flammable solids, self-reactive substances and solid desensitized explosives.
- Class 4.2 - Substances liable to spontaneous combustion.
- Class 4.3 - Substances which, in contact with water, emit flammable gases.
- Class 5.1 - Oxidizing substances

or returns from building or civil engineering sites, or in relation to surveying, repairs and maintenance, in quantities of not more than 450 liters per packaging and within the maximum quantities specified in par. 1.1.3.6. Measures shall be taken to prevent any leakage of contents in normal conditions of carriage. These exemptions do not apply to Class 7. Carriage undertaken by such enterprises for their supply or external or internal distribution does not fall within the scope of this exemption.

### EXEMPTIONS RELATED TO QUANTITIES CARRIED PER TRANSPORT UNIT (PARTIAL EXEMPTION PAR. 1.1.3.6 ADR).

In accordance with this article, transport of dangerous goods can be partially exempt from ADR prescriptions if the quantity carried does not exceed the value indicated in a specific table (1.1.3.6.3). Transports under par. 1.1.3.6 have the following exemptions to the regulations;

- vehicle need not have orange Plates displayed;
- no requirement to have instructions in writing;
- driver does not need ADR Vocational licence, but will need awareness training.

in particular, for petroleum products:

- for goods belonging to Packaging Group II (i.e. gasoline) the maximum quantity carried per transport unit is 333 l;
- for goods belonging to Packaging Group III (i.e. Diesel Fuel, kerosene) the maximum quantity carried per transport unit is 1.000 L

- Class 5.2 - Organic peroxides.
- Class 6.1 - Toxic substances.
- Class 6.2 - Infectious substances.
- Class 7 - Radioactive material.
- Class 8 - Corrosive substances.
- Class 9 - Miscellaneous dangerous substances and articles.

From a quantitative point of view, the dangerous goods more prevalent on the roads are the petroleum products (Class 3 - Flammable liquids), in particular the products with number: UN 1202 (Diesel fuel), UN 1203 (gasoline) and UN1223 (kerosene).

### IN SUMMARY:

- Partial Exemption: in accordance with par. 1.1.3.6, the maximum quantities which can be carried per transport unit are:

	Max Quantity (L)	Container Type
Diesel fuel	1000	UN Approved - ADR Homologated for Dangerous Goods of Class 3 and Packaging Group III.
Gasoline	333	UN Approved - ADR Homologated for Dangerous Goods of Class 3 and Packaging Group II.

- Total Exemption- in accordance with par. 1.1.3.1, the maximum quantities which can be carried are:

### • par. 1.1.3.1 a), for private individuals:

	Max Quantity (L)	Container Type
Diesel Fuel and Gasoline	240 l, with a max of 60 l per unit.	Adequate for the purpose.

### • par. 1.1.3.1 c), for enterprises:

	Max Quantity (L)	Tipi di contenitore
Diesel fuel	450	Adequate for the purpose.
Gasoline	333	Adequate for the purpose.

## GENERAL SALES CONDITIONS



When ordering please use the part numbers indicated in the catalogue.

Claims will not be accepted if we receive them 8 (eight) days after the reception of the order.

After this period the goods will be considered tacitly accepted.

The goods travel at customer's risk, even if Meclube organizes DAP shipment.

Except previously agreed, all prices are to be intended EX WORKS Bondeno di Gonzaga (MN), Incoterms 2020.

In case of late payments for any reason, including missed reception of statements of account, the buyer has to pay to the seller the annual interest in force at the moment of the sale, in the amount indicated on the invoice.

Any change of faulty products can be made to MECLUBE according to DAP Incoterms, and after having received our authorization.

The company MECLUBE takes no responsibilities for missing goods or damaged parcels caused by the shipment.

For any controversy only the Court of Mantua will entertain jurisdiction.

Specifications, dimensions, features and colours reported in this catalogue are not binding, and due to continuous performance enhancements of equipment and accessories, can be modified without any notice.

EDITION 19/02/2022

Foto F.lli ZAMBRONI

MADE IN ITALY





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