



The wide range of pump accessories enables the operator to create personalized combinations or kits for the specific use.

- Art. 38071 **Nipples 1/2" x 1/2" G.** connections M/M
- Art. 38072 **Nipples 1/2" x 3/8" G.** connections M/M
- Art. 38073 **Nipples 3/8" x 3/8" G.** connections M/M
- Art. 38075 **Nipples 1/2" G x 1/2" NPT - M/F**

- Art. 38042 **Bung adaptor diameter 42 mm with double casing, for drum pumps**
Equipped with :
 - one flexible steel band, to guarantee perfect clamping of pump to drum
 - key to facilitate clamping to drum and release.

- Art. 38043 **Steel wall bracket** for secure fixing to wall with **double clamping system** diameter 42 mm.
Equipped with flexible steel band, that guarantees perfect clamping of pump to drum.
For articles art. 35160 - 36060.

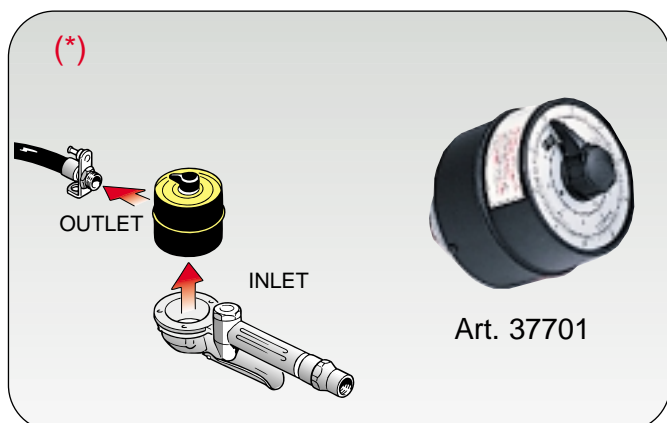
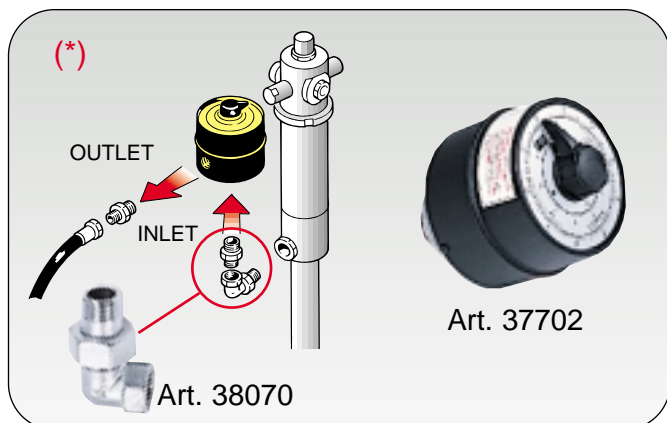
- Art. 38026 **Suction hose for wall-mounted pumps.**
 - length 2 m.
 - diameter 1".
 Complete with two hose clamps.

- Art. 38027 **Rigid suction tube for wall pumps.**
 - length 940 mm.
 - diameter 42 mm.
 Complete with:
 - hose adaptor
 - foot valve with filter.

- Art. 91202 **Hose reel pump connection tube**
2 m 60 bar 1/2" F/F
- Art. 91204 **Delivery tube 4 m 60 bar 1/2" M/F**

- Art. 38062 **Swivel joint M/F 1/2" G. for gun.**
Supplied with all the oil guns.
Allows the gun to turn independently to the tube to which it is connected, even when pressurized.

- Art. 38025 **Oil gun**
Complete with:
 - swivel joint F 1/2" G.
 - two outlet tubes, one flexible with bent metal terminal and one rigid, equipped with two interchangeable pressurized semiautomatic drip-catchers, one of Ø 10 and the other of Ø 16



Mechanical Volumetric Meters

The mechanical volumetric meter can be applied directly to the pump, in oil and/or antifreeze liquid dispenser kits, in any type of fixed or mobile systems. It is equipped with two pointers for controlling the delivery of liquid and a non-resettable totalizer for the total count of fluid delivered.

Art. 37702 **Mechanical meter** for oil and/or antifreeze liquid specific **for pump**.
(*)
Characteristics as per art. 37701 but with rear outlet connection for fitting to pump.
Thread 1/2" F/F.

Not type-approved for public use.

Art. 38070 **Union M/F 1/2" G. a 90°**
Used to fix the litre-counter (art. 37702) to the desired oil pump.

Art. 37701 **Mechanical meter** for oil and/or antifreeze liquid specific **for gun**.
(*)
Thread 1/2" F/F.
Not type-approved for public use.

Art. 37703 Oil and/or antifreeze mechanical **meter gun**.
Complete with:
- **mechanical meter (art. 37701)**
- shockproof casing
- swivel joint F 1/2" G.
- two outlet tubes, one flexible with bent metal terminal and one rigid equipped with two interchangeable pressurized semiautomatic drip-catchers, one of Ø 10 and the other of Ø 16
Not type-approved for public use.

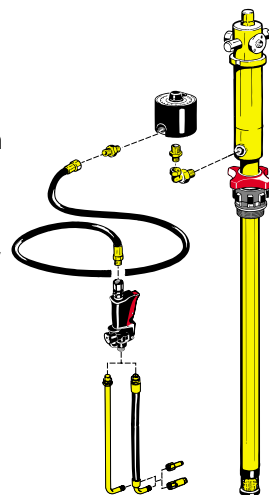
Technical card Mechanical Volumetric Meters

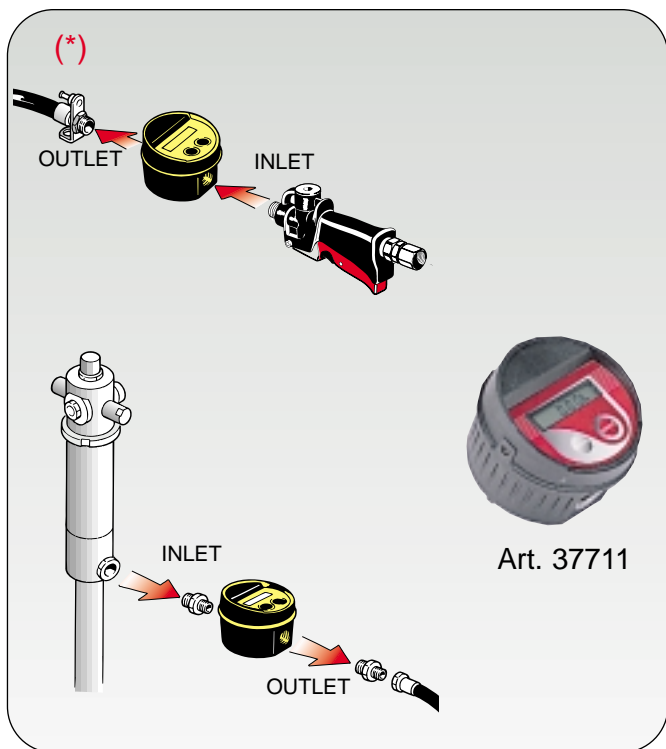
Article	37701	37702	37703
Inlet connection	1/2"NPT-1/2"F	1/2"NPT-1/2"F	1/2"NPT-1/2"F
Outlet connection	1/2"NPT-1/2"F.	1/2"NPT-1/2"F.	/
Minimum capacity	L/1' - 0,5	L/1' - 0,5	L/1' - 0,5
Maximum capacity	L/1' - 15	L/1' - 15	L/1' - 15
Minimum pressure	bar 0,5	bar 0,5	bar 0,5
Maximum pressure	bar 60	bar 60	bar 60
Temperature	max. 60°C	max. 60°C	max. 60°C
Viscosity	max. SAE 240	max. SAE 240	max. SAE 240
Tolerance	+/- 0,5%	+/- 0,5%	+/- 0,5%
Large pointers	L. 0,1 - 1	L. 0,1 - 1	L. 0,1 - 1
Small pointer	L. 1 - 10	L. 1 - 10	L. 1 - 10
Totalizer	4 figures	4 figures	4 figures
Diameter	90 mm	90 mm	/

(*) Article not produced by RAASM.

Optimal use of the mechanical volume meter is obtained with coupling to oil pumps ratio 3:1 - 5:1.

Coupling with transfer pumps Ratio 1:1 is not recommended.



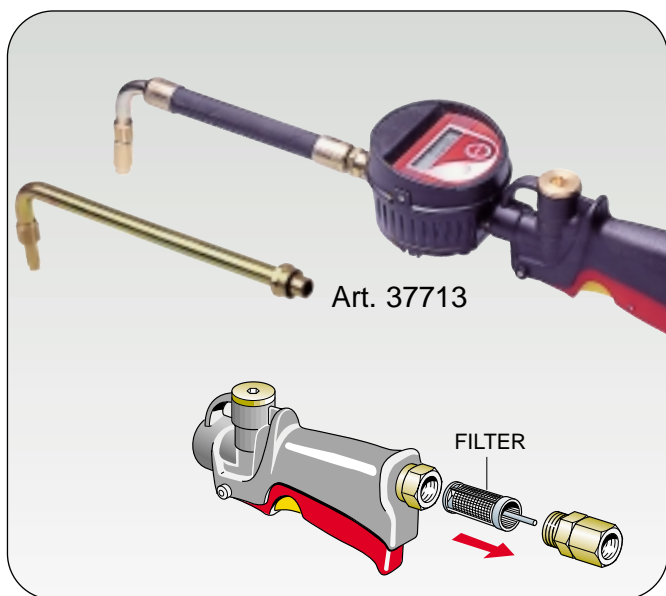


Digital Volumetric Meters

The digital volumetric meter can be applied directly to the pump in oil and/or antifreeze distribution kits, or else to the gun in any type of fixed or mobile systems. It is equipped with two indicators, one for controlling the partial delivery of liquid and the other, non-resettable totalizer, which gives the total fluid delivered.

Art. 37711 **Digital meter** for oil and/or antifreeze liquid suitable for **gun and pump**.
 (*) Thread 1/2" F/F.

Not type-approved for public use.



Art. 37713 Oil and/or antifreeze **digital meter gun**.

Complete with:

- **digital meter (art. 37711)**.
 - swivel joint F 1/2" G.
 - two outlet tubes, one flexible with bent metal terminal and one rigid equipped with two interchangeable pressurized semiautomatic drip-catchers, one of Ø 10 and the other of Ø 16
- The gun comes standard with nearly all the oil dispenser kits.

Not type-approved for public use.

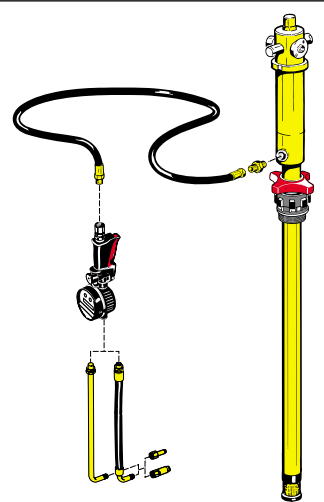
Technical card Digital Volumetric Meters

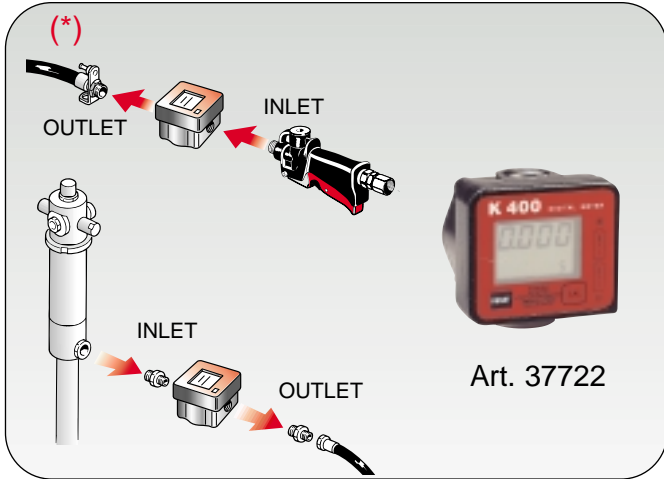
Article	37711	37713
Inlet connection	1/2"NPT-1/2"F	1/2"NPT-1/2"F
Outlet connection	1/2"NPT-1/2"F.	/
Minimum capacity	L/1' - 0,5	L/1' - 0,5
Maximum capacity	L/1' - 30	L/1' - 15
Minimum pressure	bar 0,5	bar 0,5
Maximum pressure	bar 60	bar 60
Temperature	max. 60°C	max. 60°C
Viscosity	max. SAE 240	max. SAE 240
Tolerance	+/- 0,3%	+/- 0,3%
Delivery counting	Centilitres	Centilitres
Totalizer	Litres	Litres
Diameter	100 mm	100 mm

(*) Article not produced by RAASM.

Optimal use of the digital volume meter is obtained with coupling to oil pumps ratio 3:1 - 5:1.

Coupling with transfer pumps
Ratio 1:1 is not recommended.





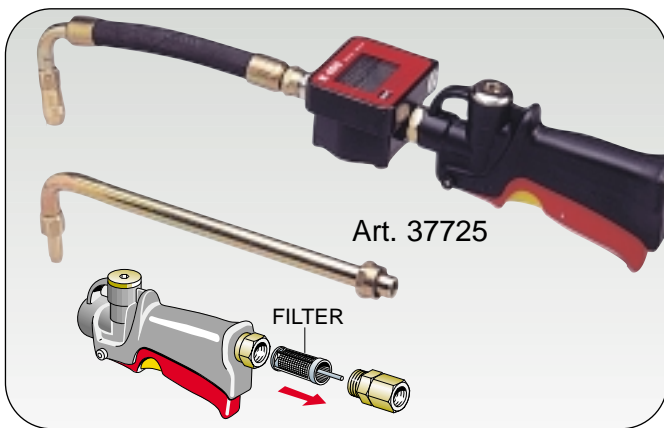
Art. 37722

Digital Volumetric Meters

The digital volumetric meter can be applied directly on the pump, in oil and/or antifreeze dispenser kits; or to the gun, in any kind of fixed or mobile systems. It is equipped with two indicators: one for controlling partial delivery of liquid and the other, non-resettable totalizer, which gives the total of fluid delivered.

Art. 37722 **Digital oil and/or antifreeze liquid meter** suitable for gun and for pump.
(*) Thread 1/2" F/F.

Not type-approved for public use.



Art. 37725

Art. 37725 **Oil and/or antifreeze meter gun.**

Complete with:

- digital meter (art. 37722).
- swivel joint F 1/2" G.
- two outlet tubes, one flexible with bent metal terminal and one rigid equipped with two pressurized semiautomatic interchangeable drip-catchers one of Ø 10 and the other of Ø 16

Not type-approved for public use.



Art. 37720

Art. 37720 **Manual or preselection oil meter gun.**

(*)

Complete with:

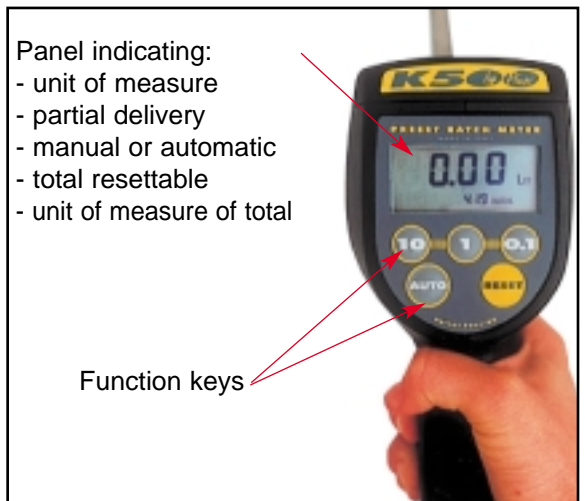
- digital meter with possibility of manual or preselected delivery.
- swivel joint F 1/2" G.
- adjustable rigid outlet tube with bent metal terminal equipped with pressurized semiautomatic drip-catcher.

Not type-approved for public use.

Technical card Digital Volumetric Meters

Article	37722	37725	37720
Inlet connection	1/2"NPT-1/2"F	1/2"NPT-1/2"F	1/2"NPT-1/2"F
Outlet connection	1/2"NPT-1/2"F.	1/2"NPT-1/2"F.	1/2"NPT-1/2"F
Minimum capacity	L/1' - 1	L/1' - 1	L/1' - 1
Maximum capacity	L/1' - 20	L/1' - 20	L/1' - 20
Minimum pressure	bar 0,5	bar 0,5	bar 0,5
Maximum pressure	bar 50	bar 50	bar 50
Temperature	max. 60°C	max. 60°C	max. 60°C
Viscosity	max. SAE 240	max. SAE 240	max. SAE 240
Tolerance	+/- 0,5%	+/- 0,5%	+/- 0,5%
Partial meter	centilitres	centilitres	centilitres
Totalizer	litres	litres	litres

(*) Article not produced by RAASM.



- Panel indicating:
- unit of measure
 - partial delivery
 - manual or automatic
 - total resettable
 - unit of measure of total

Function keys

(*)

Art. 37801



(*)



Art. 37810

(*)



Art. 37811

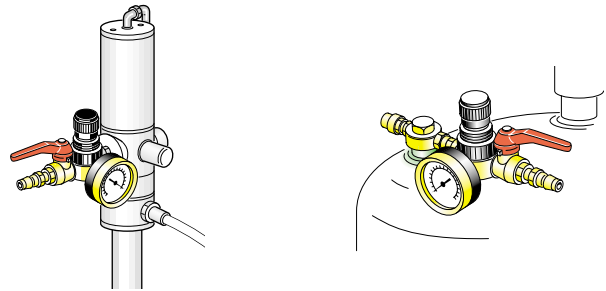
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Art. 37812

Pressure regulators and condensation dischargers applicable to all our products. It is important that all the pneumatic equipment be activated with air free of any condensation and at the right pressure.

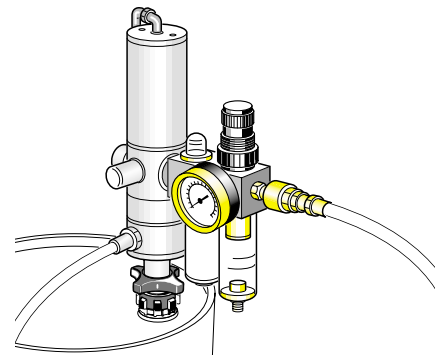
Art. 37801 **Pressure regulator with pressure gauge**
 (*) Used to regulate the air pressure feeding, according to needs: a pneumatic pump, a waste oil drainer or a suction unit.



Art. 37810 **Pressure regulator with condensation discharge filter, complete with pressure gauge**
 (*)
 - Inlet connection F 1/4" G
 - Outlet connection F 1/4" G

Art. 37811 **Air lubricator**
 (*)
 - Inlet connection F 1/4" G
 - Outlet connection F 1/4" G

Art. 37812 **Pressure regulator with condensation discharge filter, complete with lubricator and pressure gauge**
 (*)
 - Inlet connection F 1/4" G
 - Outlet connection F 1/4" G



RAASM pumps are designed with self-lubricating materials.

The air feeding pumps must always be free of condensation.

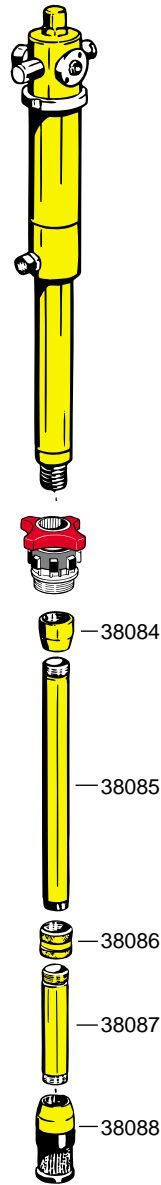
In the mobile wheel-mounted kits, used in the work environment, it is inadvisable to apply the lubricant on the pump because this would introduce the "atomized" lubricant into the workplace air.

However, if the pump is installed in a protected place, away from operators, application of lubricant will guarantee longer lasting efficiency.

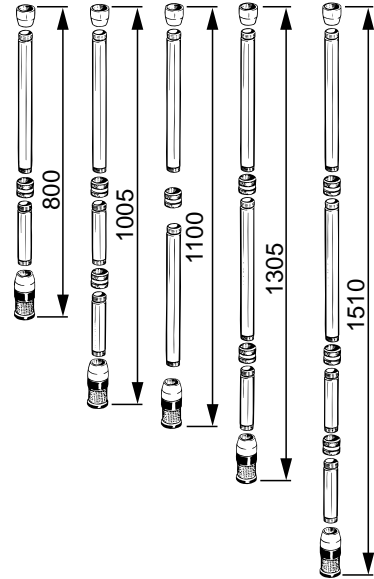
(*) Article not produced by RAASM.



MODULAR EXTENSIONS FOR PUMPS

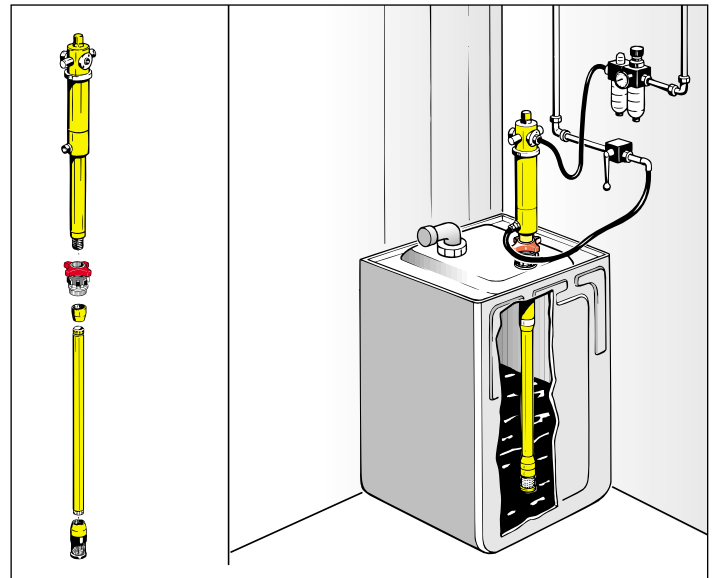
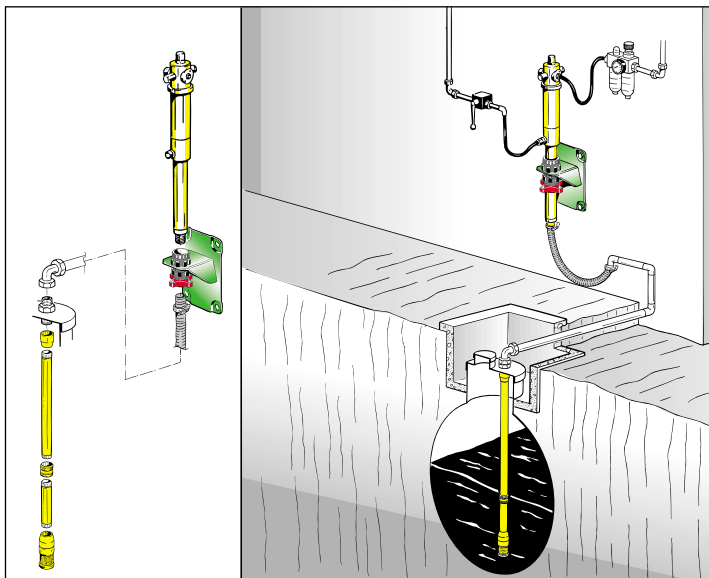


Modular extensions for wall-mounted oil pump suction tubes and with drum suction tube.



Depending on the length of the suction tube to be obtained, the desired extension can be composed by using the modular extension various elements (see the examples given above).

- Art. 38084 Top connection**
Allows connection between pump and modular extensions
- Art. 38085 Extension 500 mm, ø 32 mm**
- Art. 38086 Extension sleeve**
Allows two extensions to be connected together
- Art. 38087 Extension 200 mm, ø 32 mm**
- Art. 38088 Foot valve with connection and filter**





SPECIFIC CONNECTIONS FOR OIL PUMP EXTENSION WITH SUCTION TUBE Ø 42 mm AND LENGTH 730/940 mm

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The length of a transfer or delivery pump (not wall-mounted) can easily be adjusted adding two connections and the modular extension.



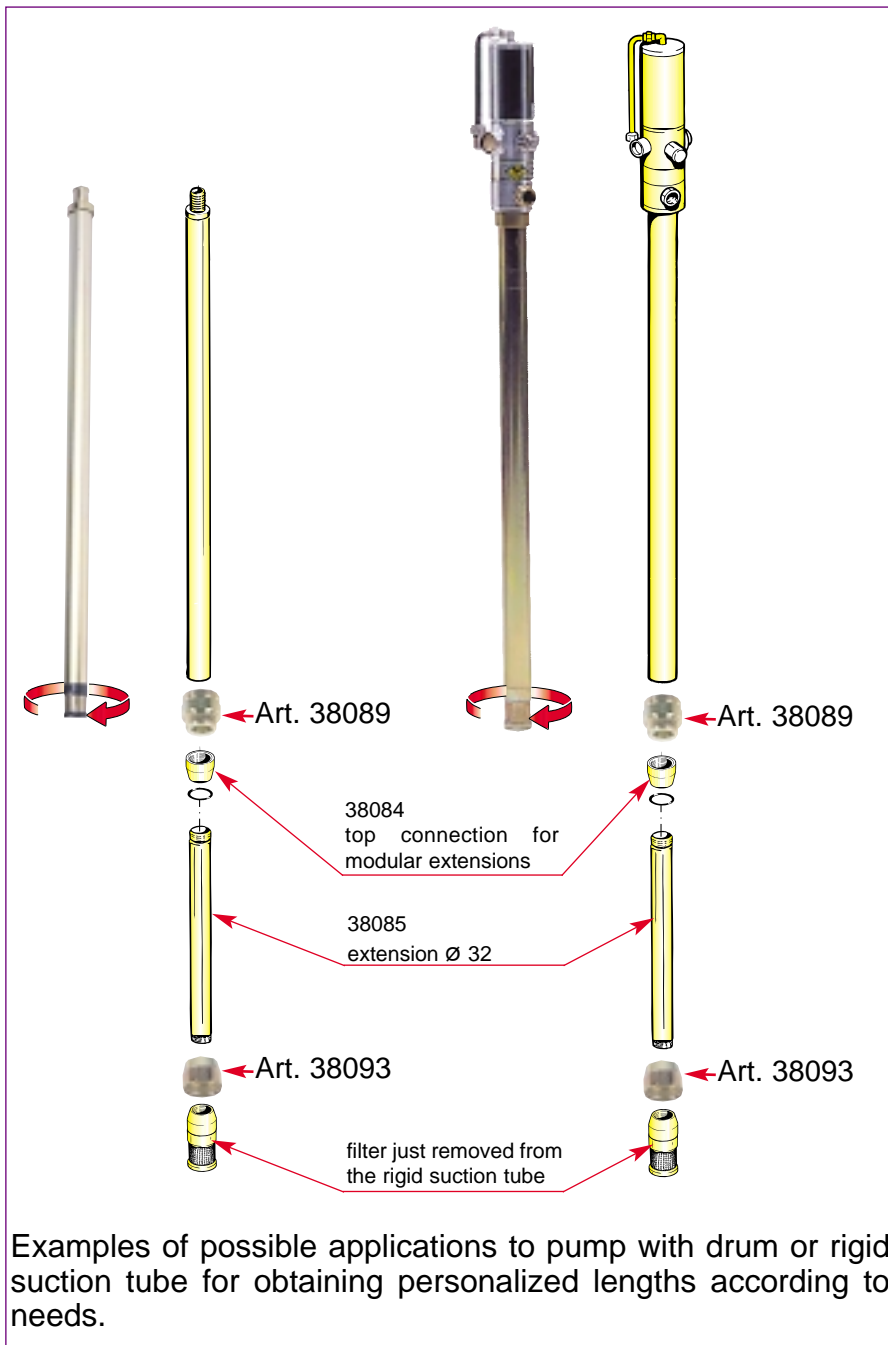
Art. 38089



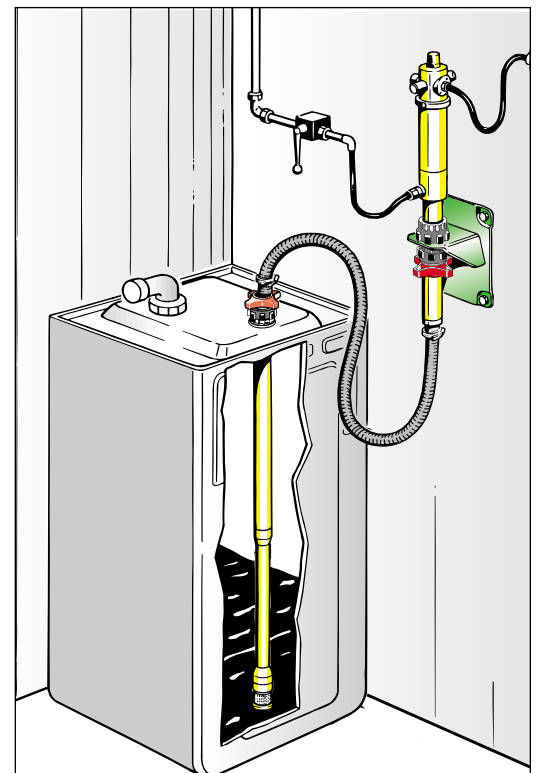
Art. 38093

Art. 38089 Differentiated connection
Allows connection of suction tube length 730/940 mm and modular extensions

Art. 38093 Connection for foot valve
Connects the assembled modular extension to the foot valve removed from the pump suction tube.



Examples of possible applications to pump with drum or rigid suction tube for obtaining personalized lengths according to needs.



Example of application where the rigid suction tube must be extended until reaching the height of the tank.