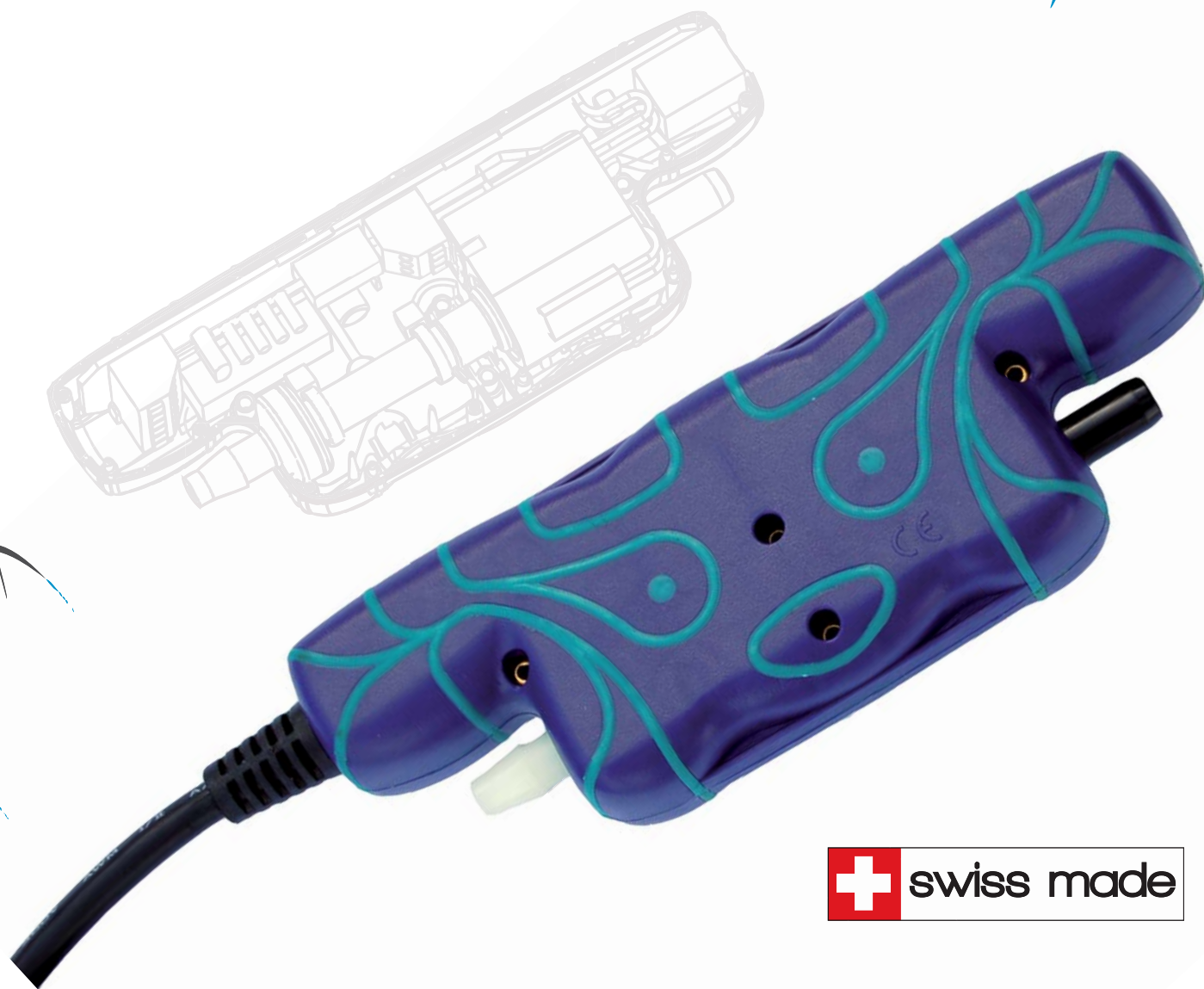


$$\mu A - (\mu - \mu_0) A = \Delta \mu A = \Delta \mu \frac{B^2}{\mu_0}$$

# GOTEC

## Condensate removal system



Gotec S.A.  
Rue des Casernes 59  
CH-1950 Sion

Phone: +41 (0) 27 205 7 205  
Fax: +41 (0) 27 205 7 206

info@gotec.ch  
www.gotec.ch

coil

coil's magnetic field

eddy current's magnetic field

conductive material

eddy current

info@gotec.ch  
www.gotec.ch



## Cooling capacity\*



### TATTOO

TATTOO 5 : 5 [kW]  
TATTOO 10 : 10 [kW]  
TATTOO 16 : 15 [kW]



### GO200

GO200 : 10 [kW]



### FW 45

FW 45 : 40 [kW]



### GO500

GO500 : 10 [kW]



### GO

GO 10 : 10 [kW]



### EE400

EE400 : 10 [kW]



### RAPIDO

RAPIDO : 10 [kW]



### HIGH-LIFT

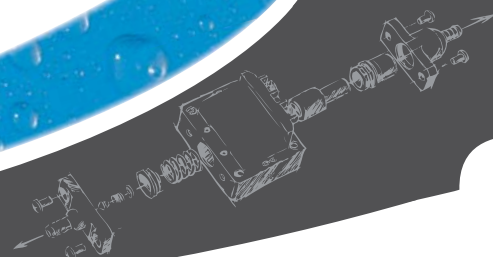
HIGH-LIFT : 10 [kW]

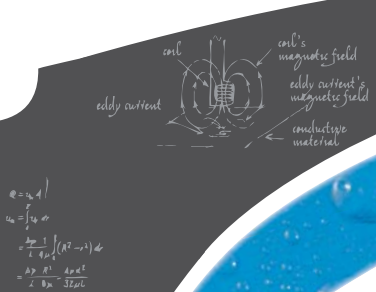


### ADAGIO

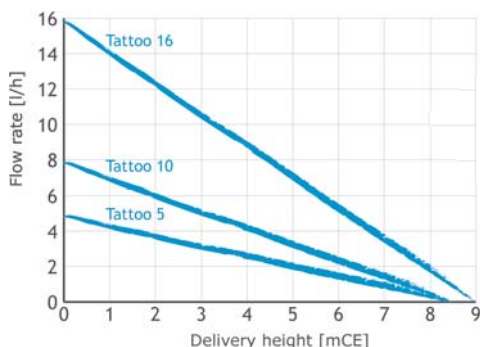
ADAGIO-T : 5 [kW]  
ADAGIO-D : 5 [kW]

\* Max. cooling capacity with ambient humidity of maximal 45%. If > 45%, choose another system with more cooling capacity.





# TATTOO 5/10/16



The most silent condensate removal system on the market (according to the test report of the Laboratory LNE in France). With plenty of accessories (mounting plate, 90° rubber sleeve for detection unit, integrated check-valve)

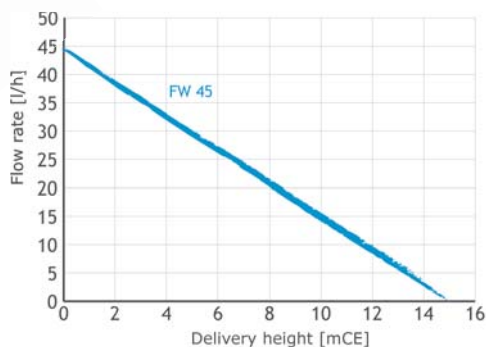
System fitted with our new detection unit against bacteria (world exclusivity).

	TATTOO 5	TATTOO 10	TATTOO 16
Item No.	112573	112550	112602
Max. flow rate [l/h]	5	8	16
Max. dry suction height [mCE]	1	1	1
Max. wet suction height [mCE]	2	2	2
Max. delivery height [mCE]	8,5	8,5	9
Alarm contact	NO/NC-230V/8A	NO/NC-230V/8A	NO/NC-230V/8A
Dimension pump unit [mm]	150x54x28	150x54x28	150x54x28
Dimension detection unit [mm]	72x39x39	72x39x39	72x39x39
Power and alarm cord	yes	yes	yes





## FW 45



avec traitement  
**anti-bactéries**  
special protection  
against bacteria

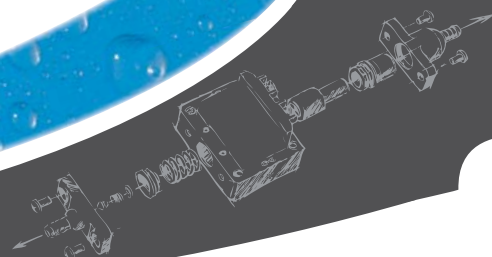


Condensate removal system foreseen for air-conditioning units up to 45kW (cooling capacity). Very low sound level compared to the high performances of the system. Ventilated housing which insures a long lifetime. Check valve provided with the accessories.

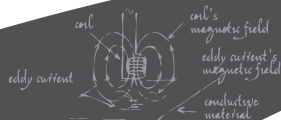
System fitted with our new detection unit against bacteria (world exclusivity).

### FW 45

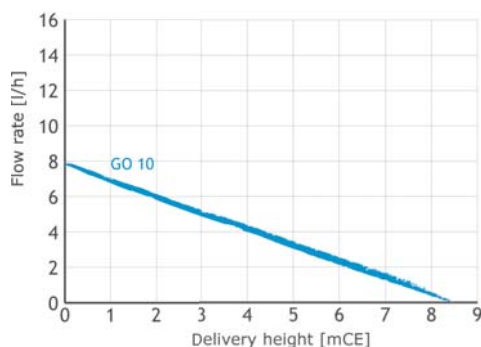
Item No.	112632
Max. flow rate [l/h]	45
Max. dry suction height [mCE]	1
Max. wet suction height [mCE]	2
Max. delivery height [mCE]	14
Alarm contact	NO/NC-230V/8A
Dimension pump unit [mm]	103x96x67
Dimension detection unit [mm]	72x39x39
Power and alarm cord	yes



$$pA - (\rho - \rho_p)A = \Delta p \quad A = \Delta p \frac{\pi d^4}{128 \mu L}$$



# GO 10



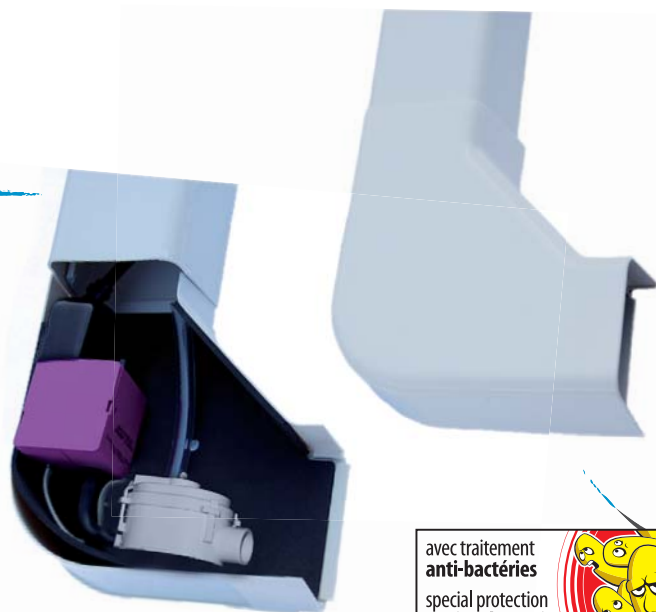
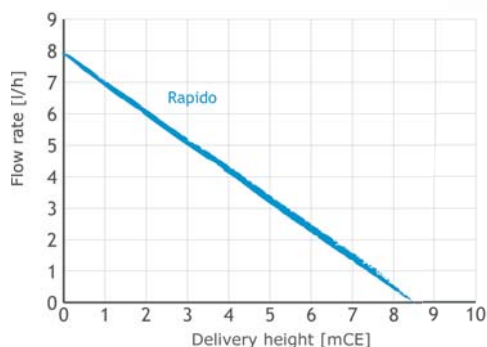
The GO10 is qualitatively similar to the TATTOO range, but with a new transparent design and a new more compact detection unit with float, which can be adapted to various mounting types. All these benefits at a reduced price!

## GO 10

Item No.	112008
Max. flow rate [l/h]	8
Max. dry suction height [mCE]	1
Max. wet suction height [mCE]	2
Max. delivery height [mCE]	8,5
Alarm contact	NC-230V/8A
Dimension pump unit [mm]	78x36x65
Dimension detection unit [mm]	72x39x39
Power and alarm cord	no



# RAPIDO



## Condensate removal system with ArtiPlastic duct

The complete kit (condensate removal system and duct) used for a fast and reliable installation. A silent and reliable solution adapted to the market demand.

System fitted with our new detection unit against bacteria (world exclusivity).

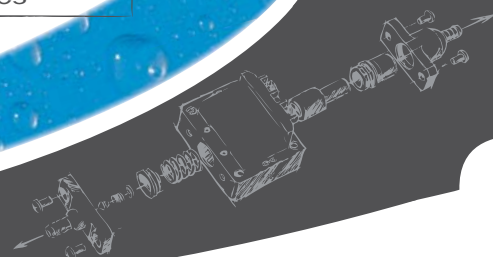
## Rapido without ArtiPlastic duct

Similar system but delivered without duct accessories.

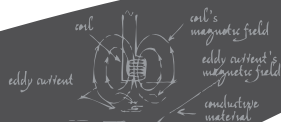
System fitted with our new detection unit against bacteria (world exclusivity).

## RAPIDO

Item No.	111444
Max. flow rate [l/h]	8
Max. dry suction height [mCE]	1
Max. wet suction height [mCE]	2
Max. delivery height [mCE]	8,5
Alarm contact	NO/NC-230V/8A
Dimension pump unit [mm]	85x45x42
Dimension detection unit [mm]	72x39x39
Power and alarm cord	yes



$$pA - (\rho - \Delta\rho)A = \Delta\rho A = \Delta\rho \frac{\pi r^2}{4}$$



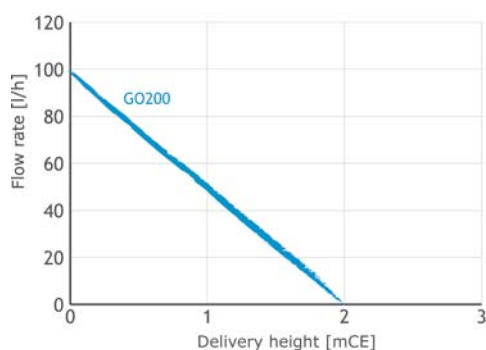
$$Q = \frac{\pi r^2}{4} \frac{d\omega}{dt}$$

$$\omega = \int \frac{d\omega}{dt} dt$$

$$\frac{d\omega}{dt} = \frac{1}{4\pi\epsilon_0} \int \frac{(\rho^2 - r^2)}{r^3} dr$$

$$= \frac{\Delta\rho}{4} \frac{R^2}{R^3} \frac{4\pi R^2}{3\pi R^2}$$

# GO200



It is the "little sister" of the GO500 (as shown in the page opposite), built with the same centrifugal technology but foreseen for a wall mounting next to the air-conditioner. This system is reversible (mounting on the right or left side).

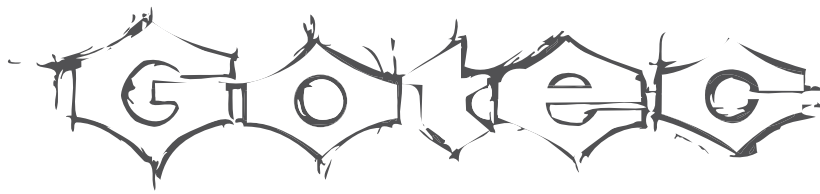
## Features :

- Very silent pump
- Safe: thermal overload protection 120°C
- In-built check valve
- Overflow alarm contact
- Reversible
- Very compact

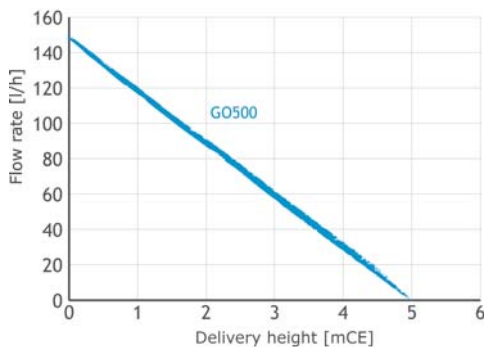
## GO200

Item No.	113196
Max. flow rate [l/h]	100
Max. delivery height [mCE]	2
Alarm contact	NC-250V/5A
Dimension pump unit [mm]	200x110x100
Power and alarm cord	yes





## GO500



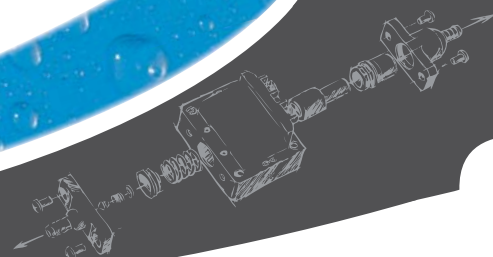
The centrifugal pump GO500 can discharge up to 5.2 meters. It can be installed with wall split air-conditioners, ceiling cassettes, evaporator coils. A very compact and silent pump.

### Features :

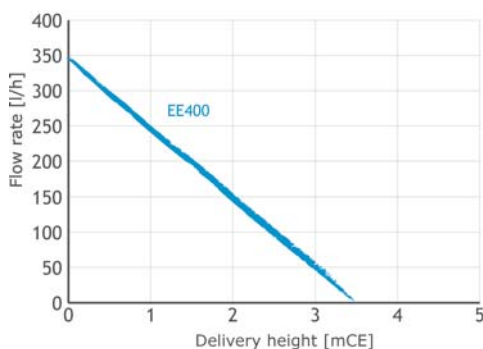
- Nice look, why design ugly pumps?
- Easy maintenance, keep your fingers intact!
- Quick mounting thanks to four convenient brackets
- 5 drain holes! because 3 is not "a lot"
- Quiet function and when we say quiet it is not quite!
- Compact, fit where the other are not!
- Safe: thermal overload protection 120°C
- In-built check valve

### GO500

Item No.	111949
Max. flow rate [l/h]	150
Max. delivery height [mCE]	5
Alarm contact	NC-250V/5A
Dimension pump unit [mm]	250x140x110
Power and alarm cord	yes



# EE400



The centrifugal condensate pump EE400 is designed to automatically remove the liquid from an air-conditioner and evaporator coil. This pump is made from a tough ABS plastic body so it will withstand corrosion and impact. The internal pump unit can be used in an external pan as well (maximum pan height 70 mm).

## Features :

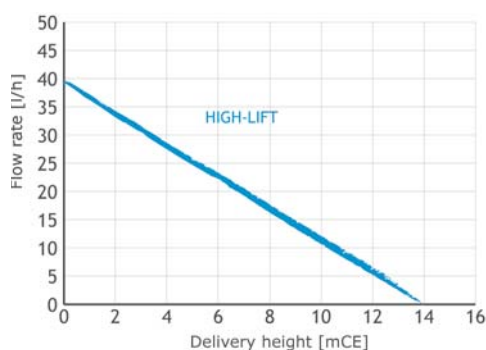
- Silent running centrifugal pump with 1,5 m power cord
- Ball bearing drive shaft
- Check valve to prevent back-flow of liquid into the unit
- Overflow safety alarm switch (only 400)
- The most compact and silent system on the market.

## EE400

Item No.	112200
Max. flow rate [l/h]	350
Max. delivery height [mCE]	3,5
Alarm contact	NO/NC-230V/8A
Dimension pump unit [mm]	185x100x85
Power and alarm cord	yes



# HIGH-LIFT



## Tank removal system with piston pump

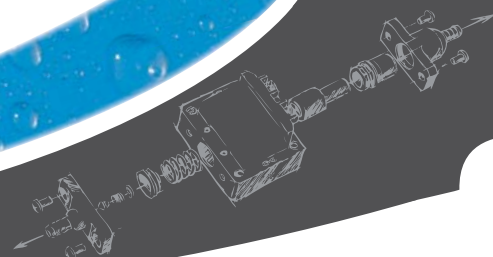
The system High-Lift with electromagnetic piston pump and tank was developed to discharge the condensate water up to 13 vertical meters. The internal motor is very silent.

Developed and manufactured on the basis of an EE400, it is very compact. Very few maintenance needed, the tank and the floats have to be cleaned once a year only. Its performances are more than 10l/h at 10m (vertical height) and less than 40dB(A). The flow rate remains stable even after a long time, thanks to the electromagnetic piston pump.

Pump unit can be used in an external pan as well (maximum pan height 70 mm).

## HIGH-LIFT

Item No.	112075
Max. flow rate [l/h]	40
Max. delivery height [mCE]	14
Alarm contact	NO/NC-230V/8A
Dimension pump unit [mm]	185x100x85
Power and alarm cord	yes





# ADAGIO

System with temperature sensors or detection unit

Our new patented condensate removal system ADAGIO is a World Premiere. Our experience shows that the peristaltic systems are not adapted to remove the condensate from the air-conditioners. Without constant maintenance, the peristaltic pumps fail. Once again, Gotec has innovated and developed a completely new system adapted to the market reality.

Our new piston pump system is more silent than a peristaltic pump, while no constant maintenance is needed. This system can also run dry and it is not affected by particles, it can work in polluted environments. It can be installed in false ceilings or directly on a wall. The new ADAGIO can self-prime up to 2 vertical meters.

The new removal system ADAGIO can be declined in two versions :

- **with thermal detections** : as soon as there is a temperature difference of 7° Celsius between the blue sensor installed near the evaporating coil and the red sensor installed on the ambient air side, the pump will start running and evacuate the condensates. When the difference detected is lower than 7° Celsius, the pump will still run for 3 more minutes in order to evacuate the liquid that is in the condensate tray before it stops. The temperature sensors have to be ordered separately (3m or 6m).
- **with float detection unit** 3 levels (OFF, ON, alarm). The detection unit has to be ordered separately.

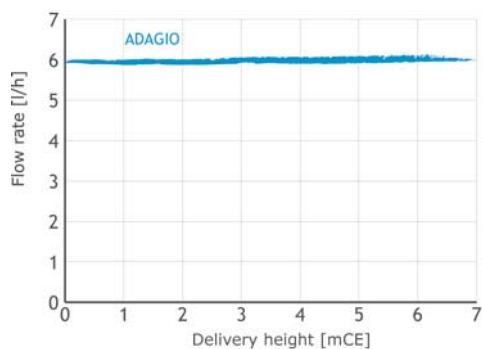
System fitted with our new detection unit against bacteria (world exclusivity).







# ADAGIO



## Thermal detections



Length :     3m     114019  
                   6m     114027

## Float detection unit



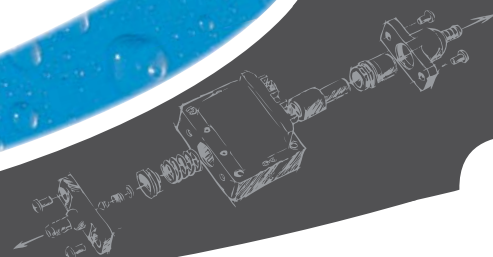
112584

avec traitement  
**anti-bactéries**  
 special protection  
 against bacteria
















## ADAGIO

Item No.	114020
Max. flow rate [l/h]	6
Max. dry suction height [mCE]	1
Max. wet suction height [mCE]	2
Max. delivery height [mCE]	7
Alarm contact	with float detection, NO-48V/0,5A
Dimension pump unit [mm]	152x85x114
Dimension detection unit [mm]	no
Power and alarm cord	yes



# Accessories (included)

TATTOO GO 10 FW 45 RAPIDO GO200

	Screws 3,5x45 N° art.: 111035	2x	-	-	-	-
	Nylon wall plug N° art.: 111034	2x	-	-	-	-
	Double sided tape N° art.: 107789	1x	2x	-	3x	-
	Angled PVC rubber sleeve N° art.: 112547	1x	-	-	-	-
	Ventilation tubing 100mm N° art.: 107968	1x	1x	1x	1x	-
	Clip 40mm N° art.: 107781	-	-	1x	-	-
	PVC rubber sleeve 15x21x40 N° art.: 112251	-	1x	1x	1x	-
	Check valve N° art.: 112402	integrated	1x	1x	1x	-
	Grommet N° art.: 111570	-	2x	-	-	-
	Shock absorber N° art.: 112049	-	2x	-	-	-
	Mounting plate N° art.: -	-	-	-	-	1x
	Screws 4x15 N° art.: -	-	-	-	-	2x
	Nylon wall plug N° art.: -	-	-	-	-	2x



## Accessories (optional)

### Description

### Item No.



Adaptor kit Ø 17/22 (100 pces)  
Adaptor kit Ø 20/22 (100 pces)

110890  
111384



Adaptor kit Ø 17/32 (100 pces)  
Adaptor kit Ø 20/32 (100 pces)

110891  
110385



Adaptor kit Ø 17/20 avec  
with 2 O-rings (100 pces)

111620



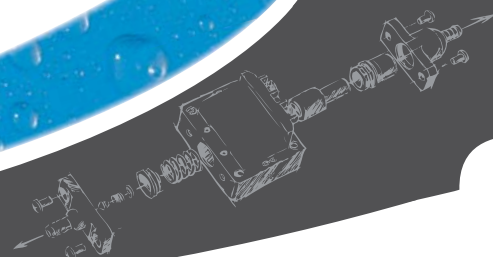
Detection unit against bacteria  
with 1.5m cable  
with 90mm cable

112584  
112585

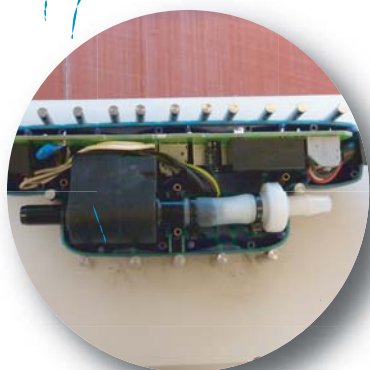


Transparent detection unit  
with 1.5m cable

112883



# GOTEC



Should you need any further information, please feel free to contact us :

Gotec S.A.  
Rue des Casernes 59  
CH-1950 Sion  
Phone: +41 (0) 27 205 7 205  
Fax: +41 (0) 27 205 7 206  
[info@gotec.ch](mailto:info@gotec.ch)  
[www.gotec.ch](http://www.gotec.ch)

Your distributor:

## Part Pakhsh Tahviah Co

No.23,3rd floor,110 building, 20th alley, South  
Gandhi street, Tehran, Iran.  
Tel/Fax: +9821 88886984, 88797918, 86083345  
[info@hvacpartco.com](mailto:info@hvacpartco.com)  
[www: hvacpartco.com](http://www.hvacpartco.com)

*Solenoid pumps*

