

SILVER ION DOSING STATION

The silver ion dosing station is used to effectively sterilize the fresh water going to the ships holding tank and thereby the water in the tanks.

Sterilization is achieved via silver ion solution that is injected into the fresh water storage and lasts for 30 days. The solution is colourless and odorless.

The dosing station is built to Lloyds MCA requirements and should be installed on the feed line that goes to the fresh water holding tank for both the RO unit and any onshore supply. This means that regardless of the source of the fresh water, only sterilized water will reach the holding tank.

If there are multiple feeds to the holding tank or multiple tanks, one dosing station is required per tank or feed.

This device consists of a volumetric dosing pump and a water meter with impulse launcher. As the fluid passes the sensor on its way to the fresh water holding tank, the sensor detects the flow and the flow rate.

The impulse sends a signal to the metering pump which then injects the correct volume of sterilizing agent into the plumbing that then goes to the holding tank.

What is included:

- 1 - volumetric dosing pump
- 2 - Tank for the containment of the sterilizing silver ion solution (10 lt)
- 3 - Empty tank alarm
- 4 - Flowmeter to be installed on the plumbing (diameter of pipe to be specified)
- 5 - Injector with non-return valve to be installed in the piping
- 6 - Kit pipe and cable mt. 10 meter



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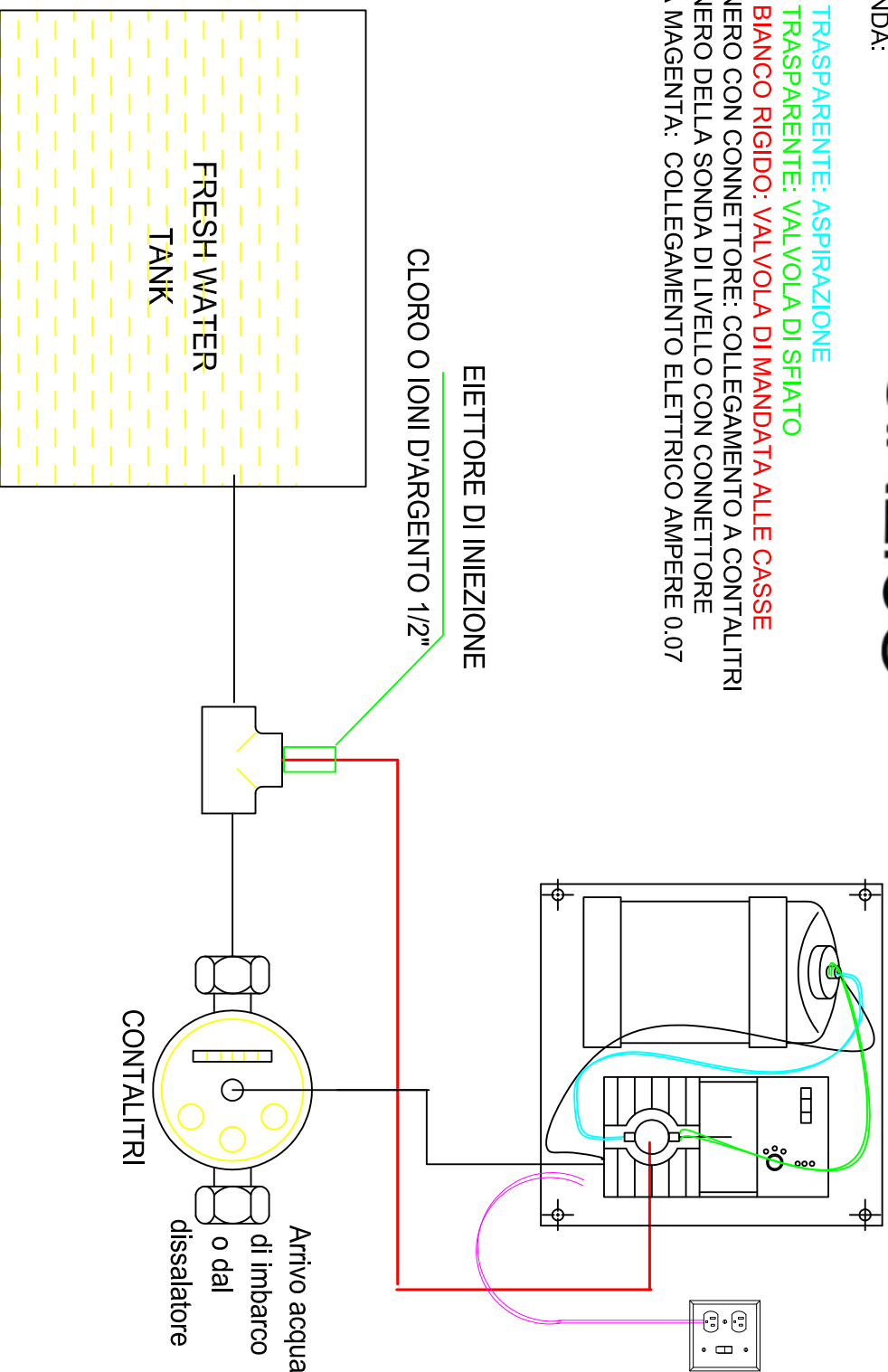




GINEICO

LEGENDA:

- TUBO TRASPARENTE: ASPIRAZIONE
- TUBO TRASPARENTE: VALVOLA DI SFIATO
- TUBO BIANCO RIGIDO: VALVOLA DI MANDATA ALLE CASSE
- FILLO NERO CON CONNETTORE: COLLEGAMENTO A CONTALITRI
- FILLO NERO DELLA SONDA DI LIVELLO CON CONNETTORE
- SPINA MAGENTA: COLLEGAMENTO ELETTRICO AMPERE 0.07



Idromar international

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DISEGNO DI INSTALLAZIONE

STAZIONE DI DOSAGGIO

Disegno N° **WTM.0072**

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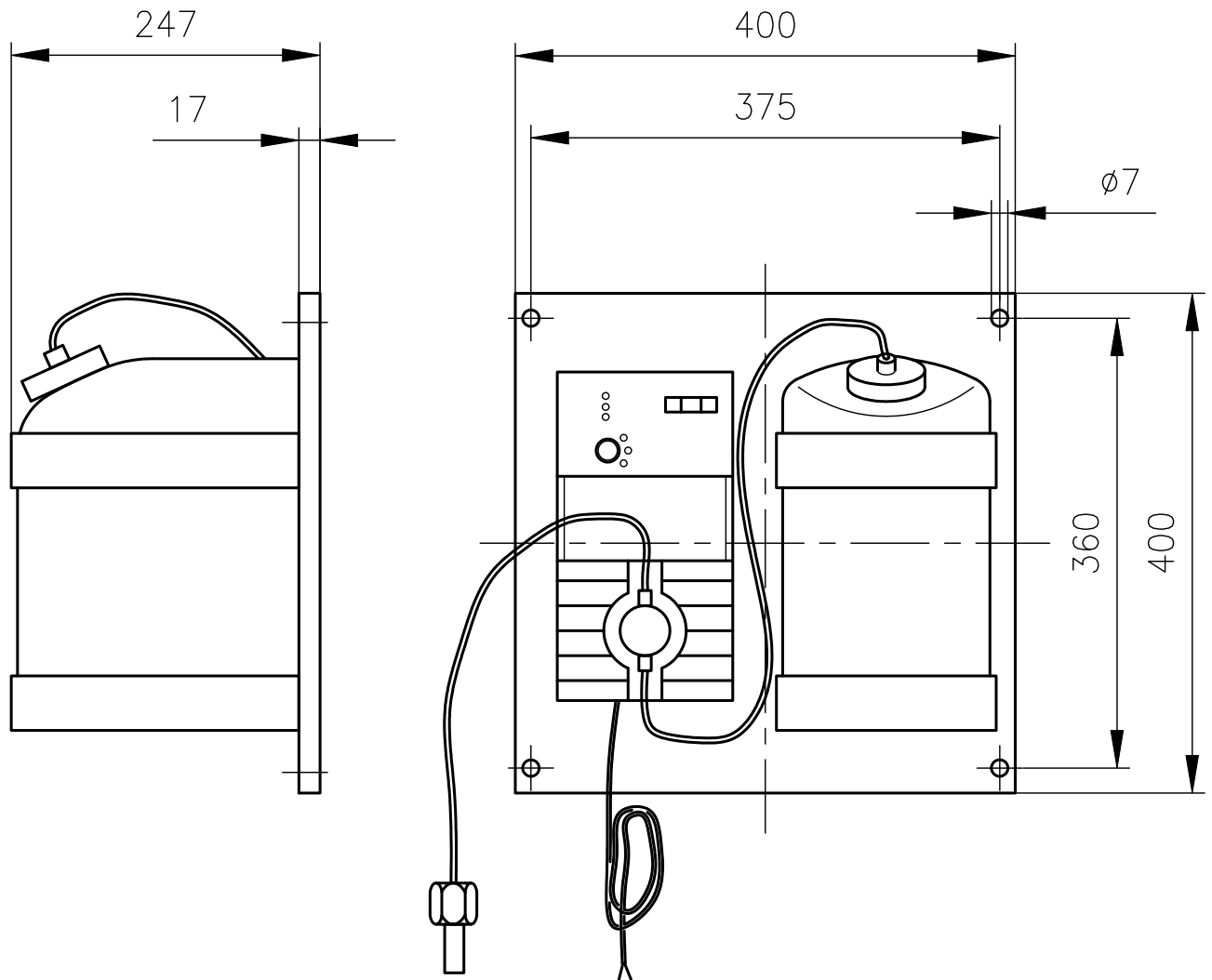
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**IDROMAR WATERMAKER
DOSING UNIT**



AUTOMATIC LITER COUNTER

