



DESCRIPTION

MARICHEM ELECTRONIC DOSING SYSTEM is a complete –easy to use– advanced solution for boiler water treatment, sea water treatment and fuel oil treatment products. The system's dosing tank is equipped with a pump that is fully adjustable, allowing the user to feed automatically the desired product to the injection point – see the relevant diagram/picture at the bottom of this page.

The flow of the treatment can be adjusted in 2 modes ensuring highly accurate dosing. Flow rate is determined by the stroke length and by the stroke frequency. On the front panel, the led shows the activity status of the pump.

In case the level of the chemical is running low, the liquid level switch will stop the pump and the alarm indicator led will warn the user accordingly.

PACKAGING

Order Number : 710310 (110-240V / 50-60Hz)

Container : Plastic Tank

TECHNICAL CHARACTERISTICS

MARICHEM ELECTRONIC DOSING SYSTEM comes complete, with the electronic pump mounted on the top of the tank. The suction hose with the foot valve and the level switch is pre-installed, together with 10mtr delivery tube.

The pump fully complies with the **EUROPEAN regulations** EN 60335-1:1995, EN 55014, EN 50081-1/2, EN 50082-1/2, EN 6055-2, EN 60555-3, directive CEE 73/23 c 93/68 (DBT) and directive 89/336/CEE (EMC Electromagnetic Compatibility).

COMPONENTS

- ◆ One 100 litres, high density polyethylene cylindrical tank, specified to use for chemical products.
- ◆ Electronic pump 4/10, with Level Alarm
- ◆ Foot Valve with Filter
- ◆ Float Switch
- ◆ Injection Valve with adaptors ¼" and ½"
- ◆ 10m PE tube ¼"

DOSING SYSTEM ELECTRONIC™

RECOMMENDED MARICHEM MARIGASES DOSING APPLICATIONS

1. BOILER WATER TREATMENT

The dosing system's injection valve must be installed into the boiler water feedline after the circulation line.

2. SEA WATER TREATMENT

The dosing system's injection valve must be installed into a convenient place in the circulation system.

3. FUEL OIL TREATMENT

F.O.T. / F.O.T. NEW GENERATION and **F.O.T. 10 / F.O.T. 10 NEW GENERATION** can be dosed either before or after the transfer pump, or before or after the L.P. Fuel pump.

F.O.T. C-100 / F.O.T. C-100 NEW GENERATION should be dosed after the separators.

Diagram 1 shows the recommended injection points for **MARICHEM fuel oil treatment** products in a characteristic main engine fuel arrangement.

► **IMPORTANT NOTICE:** Always refer to the "Operating Instructions Manual" for this dosing system before installing it.

► **ATTENTION:** Keep the system away from high temperature & protect the pump from contact with water.

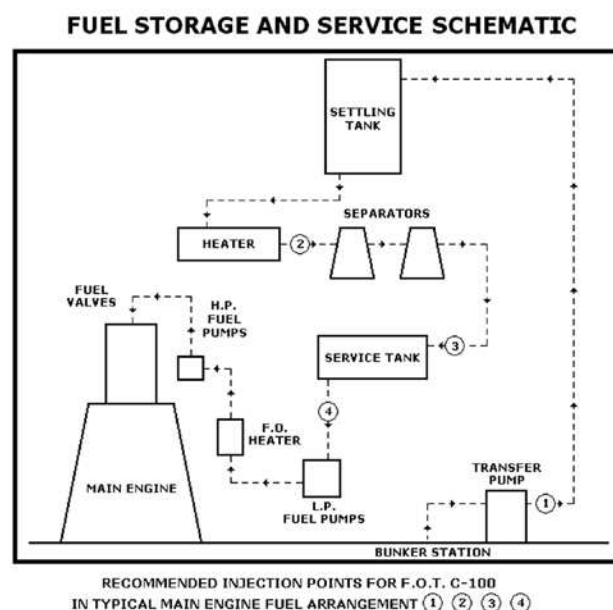


DIAGRAM 1



For detailed information on safety and health, please refer to Operating Instruction Manual and to Product Label.

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