

**HYDRODYNAMIC  
FUEL EMULSIFER  
TRGA-3G**

**TRGA-3G-04S**

**PASSPORT**



**2014.**

**Gogol's street, 405, Cherkassy, 18005, Ukraine.**

**S.E.A.P.P. Andrey Ruban I.T.N. 2274725715**

**+380 472 313396, +380 50 5183898**

**[5183898@list.ru](mailto:5183898@list.ru)**

## 1. TECHNICAL SPECIFICATIONS

See Table 1 for **TRGA-3G-08** basic parameters:

Table 1.

Basic parameters	TRGA-3G-04S
1. Rated capacity, liter/h	4000 liter/h, for fuel oil M-100 up to 50 C.
2. Operating pressure, MPa	0,1 – 3.5
3. Optimum output range, liter/h	80-90% from the rated capacity, for TRGA-3G-08, for example, from 3200 up to 3600 l/h
4. Operating temperature range, °C	Depending on the fuel nature: from -10° up to +250°C;
5. Weight, kg, max.	Not more 12 kg. ( netto ). Not more 20 kg. ( brutto ).
6. Direct steam treatment availability	Yes steam blowing or flame cleaning temperature 400 °C max.
7. Expected useful life	8800-14 000 hours at maximum output in proper filtration

**Do not use with fluids containing acids and abrasive inclusions.**

**Max. diameter of solid particles in liquid - not more than 2.5 mm (briefly) a large particle can cause a fatal blockage.**

**The equipment can be operated in the environmental conditions as follows: temperature from -20° up to +250°C, max. relative humidity 100%.**

**In the event of outdoor temperature below zero the device and piping shall be provided with heat insulation. Possibility of customizing with working pressure 5-6 MPa.**

**Includes connecting flanges, may include a preliminary one-or multi-component hydrodynamic mixer.**

## 2. DELIVERY SET

**The set includes:**

- |   |                   |
|---|-------------------|
| 1. <b>TRGA-3G-04</b>                              | - <b>1 pc.</b>    |
| 2. Pre-mixer                                      | - 1 pc.*          |
| 3. Mounting flanges                               | - 2 pcs (4 pcs.)* |
| 4. Passport and Warranty Certificate              | - 1 pc.           |
| 5. Installation, operation and maintenance Manual | - 1 pc.           |
| 6. Copies of Equipment Certificate                |                   |

### 3. INSTALLATION

3.1 **TRGA-3G** installation made in accordance with the selected installation diagram that the customer receives from the manufacturer in the form of the installation scheme after engineering site survey of the customer or after providing the questionnaire and schemes of fuel lines.

3.2 Installation **TRGA-3G-04** made in accordance with the Instructions for installation operation and maintenance, supplied **TRGA-3G-04**.

3.3 The direction of flow is indicated on the label, located on the body of **TRGA-3G-04**.

3.4 If you have any questions during installation – please call on +380 50 5183898, from 8-00 to 22-00, any day of the week, or e-mail [5183898@list.ru](mailto:5183898@list.ru)

3.5 For the control of installation TRGA-3G - the operating organization shall provide to the manufacturer some photos of installation of **TRGA-3G-04** on the email [5183898@list.ru](mailto:5183898@list.ru)

Without this photos and remove remarks from the manufacturer, no warranty is provided.

### 4. ACCEPTANCE CERTIFICATE

The device TRGA-3G-04 meets the technical documentation accepted engineering service of manufacturer and is serviceable.

**PRODUCTION DATE** "20" March 2014 \_\_\_\_\_  
**PRESSURE INTEGRITY TEST DATE** "25" March 2014 \_\_\_\_\_

Stamp and signatures of the persons responsible for the acceptance TRGA \_\_\_\_\_

Manufactured by **S.E.A.P.P. Andrey Ruban Gogol's street, 405, Cherkassy, 18005, Ukraine.**

Tel. : +380 472 313396 Tel. Mob. +380 50 5183898 E - mail: [5183898@list.ru](mailto:5183898@list.ru)

### 5. WARRANTY

5.1. Supplier warrants that the **TRGA-3G-04** Technical conditions under the terms of installation, operation and maintenance.

5.2. Warranty period - 8800 working hours. Beginning of the warranty period shall be calculated from the commissioning date, but not later than one month from the date of shipment.

5.3. Within the warranty period, the manufacturer removes the detected defects and malfunctions under the warranty.

**5.4. The guarantees are not accepted in the following cases:**

- decapsulating device or self-repair;
- launch device with the temperature less than 35 ° C;
- non-compliance with the conditions of installation, operation and maintenance;
- ingested debris, residues pads, garbage, other things that can cause a change in flow inside the device;
- do not use the device for its intended purpose and in accordance with the scheme agreed between the manufacturer and the customer;
- operation device at a pressure greater than 3.5MPa;
- operating device for processing chemically aggressive fluids containing alkali, acids and other fluids which may corrode;
- operating device for processing fluids containing abrasive particles;

- operation if liquids and at temperatures may sticking of treated liquid on internal parts the device;
- if the customer has not passed photos of schematic and installed device to manufacturer before launch;
- If the customer has not removed the observations of the manufacturer.

### **5.5 The procedure for warranty repairs**

- Customer at his own expense send the device to the Manufacturer address.
- The unit must not have mechanical internal and external injuries.
- The unit is cleaned (washed) of fluids and do not have their visible traces.
- If the device breaks down with fault of the Manufacturer, the latter undertakes to manufacture the new device within 25 working days after receipt of old device and send one to the customer at his own expense.
- The warranty on the new device will not exceed the previously set time.

**In case of contradiction content warranties specified in this document, the contract for the supply between the manufacturer and the customer, the absolute priority is given to the conditions specified in the contract.**

**S.E.A.P.P. Andrey Ruban** \_\_\_\_\_

**Gogol's street, 405, Cherkassy, 18005, Ukraine.**

Tel. : +380 472 313396 Tel. Mob. +380 50 5183898 E - mail: **5183898@list.ru**