TECHNICAL MANUAL AND USER'S INSTRUCTIONS

CONDENSING OIL COMPACT UNIT

SERIES C-S

MODEL C-S 28

NOMINAL POWER 28 Kw

Dear customer,

Thank you very much for your preference for selecting the OSCAR "CONDENSING OIL COMPACT UNIT, SERIES C-S" from other products available on the market, as well as, for your confidence in the OSCAR industry.

Please read this manual carefully before installing and using the unit and follow the recommendations and instructions that apply to it.

OSCAR

INDUSTRIES

ADDRESS :
VASILIOS G. POLITIS
32 Km STAVROU – LAVRIOU
19003 MARKOPOULO
GREECE
www.oscarboilers.gr

NOTES

● This technical manual is part of the individual unit that you purchased. It is addressed to the technicians who will install the unit as well as to the end user who will use it. Please read the instructions carefully before you start on the unit. You must keep this manual in a secure place for future use.

• If the owner of the unit will be changed or the user of the unit, make sure that you have been informed of this technical manual.

This signal indicates procedures which, if executed incorrectly, can cause injury or property damage.

• Installation should only be carried out by qualified technicians.

• Installation of the unit must be carried out in accordance with this manual and the manufacturer's instructions.

• Observe the manufacturer's instructions for the oil burner

• Incorrect or improper installation may result in personal injury or property damage. The Company declares that it has no liability in the event of damage caused by incorrect or incorrect installation or failure to follow the installation instructions.

• At least one annual inspection and service by a qualified technician is required to maintain the installation in accordance with the specifications and the initial setting.

• In case of leakage of the unit, call an authorized technician. Any parts replacement of the unit must be done using original spare parts.

• Before any cleaning or maintenance work on the unit, the electrical supply of all appliances connected to the boiler (burner, pump, etc.) must be interrupted by closing the unit ON / OFF switches .

(καυστήρας, κυκλοφορητής κ.λπ.), κλείνοντας τους διακόπτες ON/OFF της μονάδας και κατεβάζοντας την ηλεκτρική ασφάλεια της γραμμής τροφοδοσίας ρεύματος του γενικού ηλεκτρικού πίνακα .

• Due to the continuous improvement of the product, the data presented in this manual may differ slightly from the actual product.

ΠΕΡΙΕΧΟΜΕΝΑ

1. OIL CONDENSING COMPACT UNIT C-S

The C-S oil co unit uses a reversible exhaust flow steel boiler to optimally exploit its thermal energy, keeping the NOx (oxides of nitrogen) very low. This is achieved by the excellent combination of OSCAR's oil-burning expertise and the most important construction companies abroad, such as Italian RIELLO with the most modern RDB series burners, GRUNDFOS Denmark with the latest ErP circulators and others.

The oil boilers reversed exhaust flow, with excellent design and construction geometry based on good reception of all available heat from the boiler exhaust gas. This is done through the design of the boiler which generates three exhaust routes. The exhaust gas after the initial output from the boiler is raised to the top of the apparatus to enter the specially designed stainless heat exchanger for further heat utilization of energy contained.

As a result of all the above, the efficiency of the compact unit C-S is higher than 103% (see relevant tables and explanations).

The C-S condensing unit is intended exclusively for inside heating and hot water production using heating oil (light oil).

The following directives and standards are met during the construction of the unit:

DIRECTIVES

1. Directive 92/42 / EEC Performance requirements for new hot-water boilers fired with liquid or gaseous fuels.

2. Directive 2014/30 / EU Directive on electromagnetic compatibility.

3. Directive 2014/35 / EU Directive on electrical equipment intended for use within certain voltage limits.

4. Directive 2009/125 / EC Eco design requirements.

5. Regulation 813/2013 Eco design Regulations.

6. EN 303-1 Heating boilers - Part 1: Heating boilers with forced draft burners - Terminology, general requirements, testing and marking.

7. EN 303-2 Heating boilers - Part 2: Heating boilers with forced draft burners - Special requirements for boilers with oil-fired burners.

8. EN 303-4 Heating boilers - Part 4: Heating boilers with forced draft burners - Special requirements for forced draft boilers with a payload of up to 70 kW and a maximum operating pressure of 3 bar - Terminology, special requirements, testing and marking .

9. EN 304: 1992 Test code for heating boilers for oil burners with mechanical spraying of fuel.

10. EN 15034: 2007 Condensing oil boilers

11. EN 267 Monoblock type pressurized boilers - Tests.

12. EN 60335-1, Safety of household and similar electrical appliances.

13. EN 60335-2-102 Safety of household and similar electrical appliances. Special requirements for gas, oil or solid fuel combustion appliances which have electrical connections.

14. EN 55014-1, EN 55014-2 Electromagnetic compatibility - Requirements for household appliances, power tools and similar devices.

EC DECLARATION OF CONFORMITY, CE

This product conforms to its construction and operation with the relevant EU directives. The product features and assembly conditions are described in this manual.

The EC declaration of conformity is available by e-mail to the OSCAR industry at: info@oscarboilers.gr

CE

THE USE OF THIS APPLIANCE OF CHILDREN AGED TO 18 YEARS EXPRESSLY IS PROHIBITED.

2. TECHNICAL CHARACTERISTICS C-S 28

TECHNICAL CHARACTERISTICS AND EFFICIENCY OF CONDENSING OIL COMPACT UNIT, SERIES C-S		
Model		**C-S 28**
Nominal oil power	kw	28,20
Usefull power (ns)	kw	27,64
Fuel		OIL
Full load effciency, 100%, (80-60o C)	%	≥ 98
Partial load efficiency , 30% (80-60o C)	%	≥ 99
Full load effciency 100%, (50-30o C)	%	≥ 102
Partial load efficiency 30% (50-30o C)	%	≥ 103
Seasonal efficiency factor, ηson in active mode, %	%	≥ 95
Seasonal efficiency factor, ns	%	≥ 93
Energy class		A
Nox class		5
Back pressure combustion chamber	mbar	0,11
Water volume of boiler	L	45
Maximum working pressure	bar	3
Hydraulic connection	inches	1''
Excaust gas diameter	mm	60/100
Dimmensions (L-W-H)	mm	890-460-1050
Total Weight	kg	132
Heat exchanger model		C-eco 28
Tube's diameter	mm	16X2
Tube's number (1st / 2nd path)		18/27
Heat exchanger's heating surface	m2	0,68
Hydravlic connection of Heat exchanger	inches	1''
Condensate outlet	mm	20
Heat exchanger' Postion (H/V)		H
Heat exchanger's Dimmensions	mm	371-128-220
Heat exchanger's Weight	Kg	23
Oil burner RIELLO		RDB 1 BF
Pump, ErP, GRUNDFOS		UPM 3 AUTO

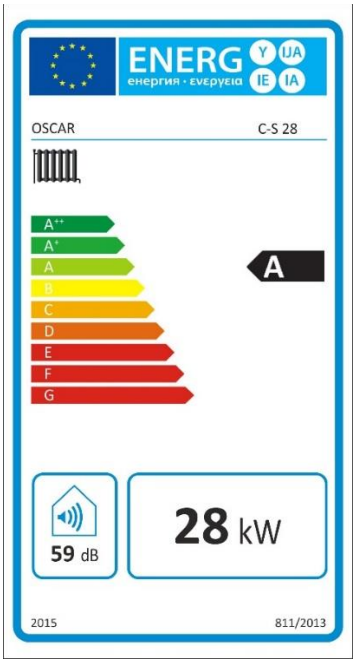
2.1 Energy label

In the C-S series, a series of steel compact oil condensation units

Regulation (EU) 811/2013 applies and marked with the ENERGY LABEL sticker indicating to the final consumer:

- The manufacturer
- Use (eg heating)
- The model
- The energy efficiency class of each particular model (A +, A, B, etc.)
- Power
- The year of construction

Visit our website www.oscarboilers.gr for more information on ErP systems and regulations.



ENERGY CLASS OF C-S SERIES

The C-S 28 is marked as A class unit in heating.

Seasonal efficiency : ns ≥ 93%

2.2 Package contents

The C-S compact unit package include:

1. Compact unit on its metallic covers.

2. Plastic zipper folder containing:

- warranty
- Energy label (sticker)
- Installation's and use instructions
- A relief valve, ½'' for the hydraulic circuit

* The unit consists of the following basic (but not only) components:

- Steel boiler
- Instrument panel wired
- RIELLO oil burner connected electrically and mechanically
- ErP GRUNDFOS pump
- 8-liter expansion tank
- A relief valve, ½'' for the hydraulic circuit (2nd)
- Mechanical filter
- Safety valve ½ ''
- Stainless steel heat exchanger
- Concentrate siphon
- Drainage pipe (black PP)
- "T" Exhaust Gas Plastic, 60/100
- Flexible spark blower 76 mm
- Four restraints (mounted on the base of the unit)

note

The plastic chimney 60/100 that comes with the unit is delivered in a separate package, outside of the unit.

The oil burner uses external air to burn the fuel. Carefully check the airtightness of the unit's flexible ducts.

BE SURE FOR THE CORRECT VENTILATION OF THE COMBUSTION SPACE.

3. **INSTALLATION INSTRUCTIONS** To install the unit, contact a licensed hydraulic installer for the hydraulic connection and a licensed liquid fuel technician to start the unit. All country's regulations, including those referring to national and European standards, must be met when the appliance is installed and is a clear condition for the warranty.
4. During transport, it is forbidden to overturn or move the boiler in a horizontal or lateral position.
5. During installation, the necessary protective equipment (Personal Protective Equipment) must be used by all involved.

CAUTION RISK OF ASPHYXIA !
DO NOT let your children play with the packaging materials

3.1 GENERAL NOTICES

1. During installation, the unit's distance from flammable materials and the oil tank must be greater than 1.5 meters unless a fire partition is fitted between the unit and flammable materials by a licensed Engineer.

2. The floor on which the unit is to be installed should be horizontal and able to withstand its weight.

3. It is forbidden to place the unit near flammable materials.

4. The unit must be installed at a suitable height to protect it from spillage in the combustion area (boiler room).

5. DO NOT place the device in direct contact with the walls. The distances between the side and rear parts of the unit and the walls must be sufficient to allow space for the installation of hydraulic systems and for cleaning and maintenance. The minimum distance must be 40 cm.

6. Although the unit does not draw in air from the inside, it is necessary to install a combustion air inlet at a wall of the installation space of at least 20x20 cm (a study to determine the exact size required by the licensed installer is required) with blinds which it can not be clogged. It is forbidden to fit a closure at the inlet of the duct.

3.2 CHIMNEY

1. Contact a qualified and licensed installer for the central chimney (Licensed Hydraulic).

2. The installation of the chimney must be carried out in accordance with the requirements of European standards EN 1856-1-2, EN 1443, EN 13384-1, EN 13384-3 and EN 15287-1.

3. Parts of the central flue (if used) must be suitable for the specific use (condensing technology) and be CE marked.

4. Ensure the removal of flammable materials located in the installation area (consult with the licensed hydraulic installer).

5. The height of the central chimney is required to be at least 1 m from the outlet of the unit.

6. It is forbidden to use horizontal sections and flexible metallic ducts.

7. The chimney should be adequately supported all the way along stable building blocks such as floors and walls.

8. The required drag depends on the installation. Indicatively, pull requirements of at least 20 mbar are reported, while the final height is required to be dimensioned by your licensed installer or engineer.

9. The boiler is not allowed to be connected to a chimney serving other heating appliances.

10. Due to the fact that the unit is operating at flue gas temperatures below 100 ° C, it is necessary to install a plastic chimney in accordance with European Standard EN14471. Simple metal chimneys are impractical.

11. If used in conjunction with other combustion appliances, it is necessary to ensure a higher supply of external combustion air according to the requirements of the appliances. This can be done by creating more openings to the outside environment. Follow the installation instructions for each device separately and create as many apertures as needed. (Before any such event, you must contact a licensed installer or your Engineer, who will take into account the ventilation requirements of all devices).

12. Install the chimney to a point where there are no obstructions and where no air turbulence is generated.

13. Particular attention is needed on how to seal the chimney crossing point from the roof of the building. Waters dripping over it can spoil it.

14. If a built-in chimney is to be used, it is required to place inside it a plastic chimney with the same specifications as presented earlier in this paragraph. In any case ask your engineer.

15. 15. It is forbidden to pass through the chimney any piping (any kind) of the installation.

16. It is necessary to install a windproof and anti-rain hat.

17. Test and check the safety systems immediately after installation.

18. It is necessary to carry out a flue gas control after the boiler has been installed. Always ask FUEL CONTROL CHECK from the licensed liquid fuel technician.

17. Test and check the safety systems immediately after installation.

18. It is necessary to measurement of exhaust gases after the boiler has been installed. Always ask measurement of exhaust gases from the licensed liquid fuel technician.

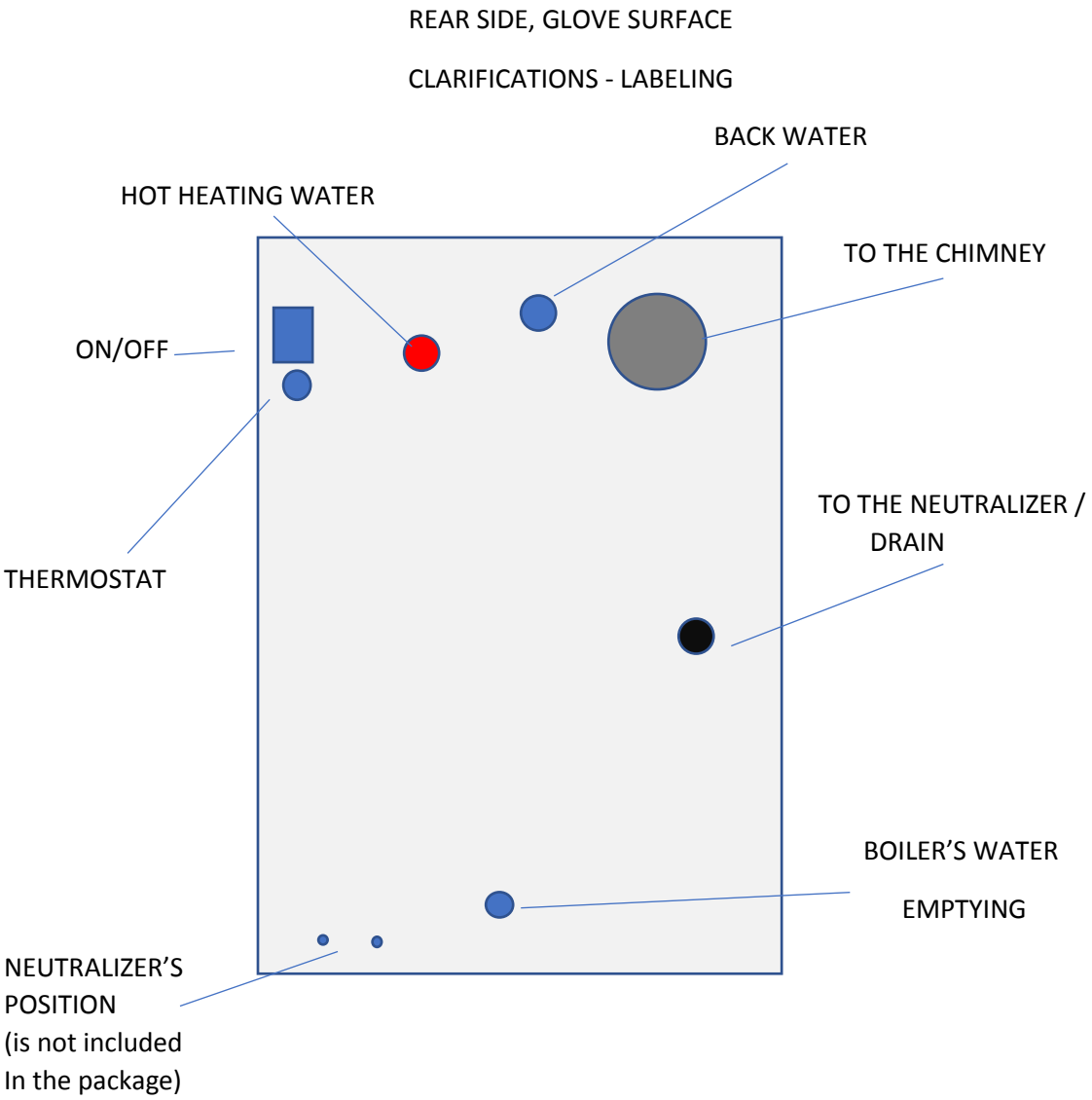
3.3 HYDRAULIC INSTALLATION

1. Hydraulic installation is required to be carried out ONLY by a licensed hydraulic installer.
2. The unit includes the following components:
- Steel boiler
- Instrument panel wired
- RIELLO oil burner connected electrically and mechanically
- ErP GRUNDFOS pump
- 8-liter expansion tank
- A relief valve, ½'' for the hydraulic circuit (2nd)
- Mechanical filter
- Safety valve ½ ''
- Stainless steel heat exchanger
- Concentrate siphon
- Drainage pipe (black PP)
- "T" Exhaust Gas Plastic, 60/100
- Flexible spark blower 76 mm
- Four restraints (mounted on the base of the unit)

3. Always connect BEFORE to the water supply:
- Pressure reducer
- Automatic filling mechanism
- Non-return valve
and adjust the grid pressure in relation to the plant's manometer height
and the technical instructions and recommendations of this manual.

4. The unit vents to an outside position higher than its own.
Install the second relief valve, or immediately after RETURNING WATER TO THE ALTERNATE (which is the best position) or at the higher point of your plumbing.

5. The very good insulation of all hydraulic pipes that do not pass through heated rooms is MANDATORY and is also required for economy reasons.



Pic 1: Hydravlic spare parts connections

1. It is forbidden to install valves and other interlocks between the safety and measurement systems and the unit.
2. After installation, an operating test for leakage is required.

3.4 INSTALLATION OF OIL TANK

1. The connection to the oil pipe in the burner is required to be carried out ONLY by a licensed liquid fuel technician.
2. It is necessary to connect all necessary safety and operational devices for the correct installation of the fuel flow:
   - Electromagnetic valve,
   - oil filter,
   - flow isolation switch).
3. The tank is required to be mounted on a flat base and carry a flow switch at its outlet.

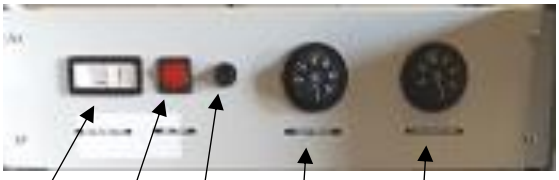
The oil pipe from the tank to the burner is forbidden to exceed the height of the burner.

3.5 ELECTRIC CIRCUIT

1. The electrical connection must be carried out by a licensed installer.
2. The supply voltage is 220-230 V, 50 Hz.

The instrument panel of the C-S series boiler:

It has the following instruments:



- Water thermometer
- ON / OFF burner switch
- Safety thermostat
- Circulator thermostat
- Burner thermostat

The panel can be supplied with OSCAR room's space thermostat (not included)

To start boiler operation, turn the unit's main switch to the rear.

Then and after we have defined:

- The burner thermostat at 80 ° C, and

- The pump thermostat of 30-40 ° C

We turn on the instrument panel ON/OFF switch and the unit starts its operation.

The water thermometer shows the water temperature in the boiler. It shall under no circumstances exceed 95 ° C.

The safety fuse is guaranteed by the safety thermostat with a limit of 100 ° C

3.6 ELECTRICAL CONNECTION OF THE PANEL INSTRUMENT

The unit is electrically ready to operate. All electrical connections have been made to it.

Although the unit is connected, a first visual inspection is required (by license technician) for the stability of the connections.

For the supply of power to the unit, the applicable National Electrical Regulations must be applied.

The technical characteristics of the instrument panel are:

• Rated connection voltage: 220 - 230 V AC

• Rated network frequency: 50 Hz

• Rated power: 148 W

• Electrical safety switchgear: 10 A

• Maximum rated output of connected burner: 115 W

• Maximum rated output of connected pump: 33 W

• Class I.

The panel instrument is certified with the EU (Low Voltage) Directive 2014/35 and the 2014/30 / EU (EMC) Directive. The device does not contain asbestos and the components do not contain mercury.

The installation must only be operated when it is in a safe state. The normal operation of the electrical equipment must be checked at regular intervals.

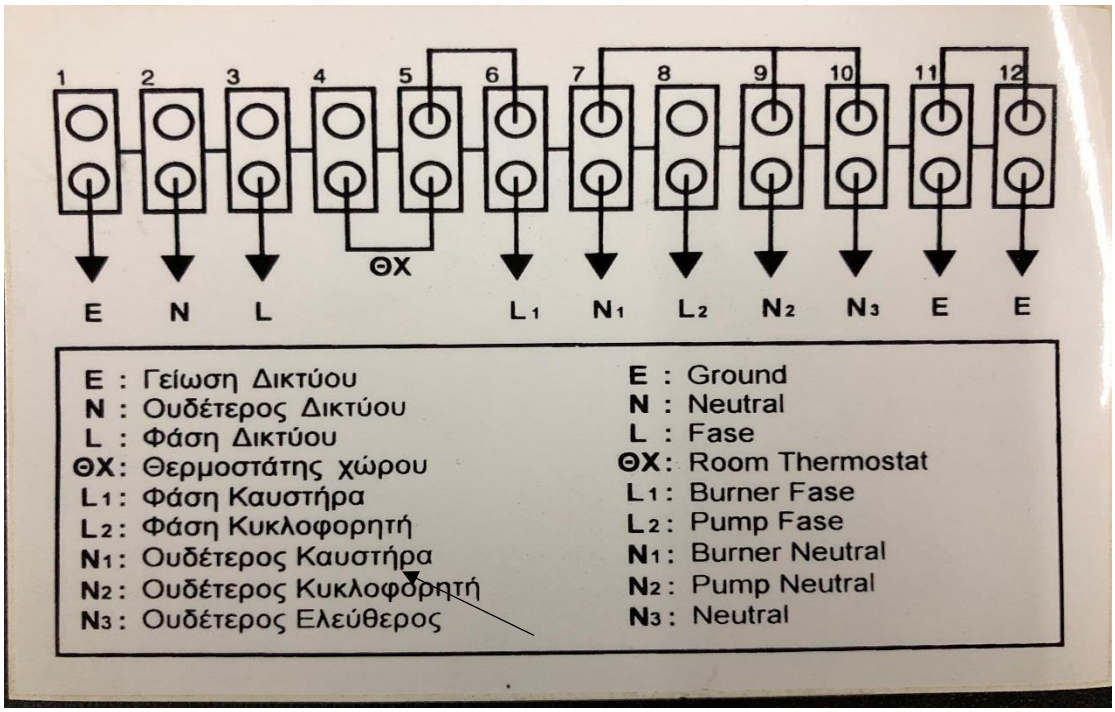
Additional components or electronic devices must be installed in accordance with the manufacturer's instructions.
The values of the electrical fuses must be observed.

Η εγκατάσταση πρέπει να λειτουργεί μόνο εφόσον βρίσκεται σε ασφαλή κατάσταση. Η ομαλή λειτουργία του ηλεκτρικού εξοπλισμού πρέπει να ελέγχεται ανά τακτά διαστήματα.

No maintenance is required by the user.

It is forbidden to use the appliance by children or persons with individuals limited possibilities of movement and perception.

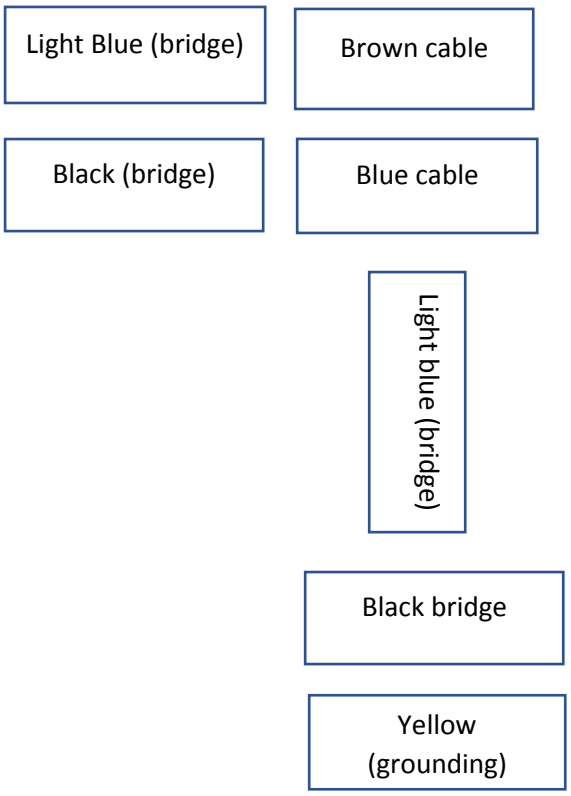
3.7 ELECTRICAL DIAGRAM



3.8 CABLE ELECTRICAL CONNECTION (back metal cover)

The unit is ready to be connected to a socket.

The connection that has already been made (internal, hidden rear side of the galvanized cover) is as follows based on the color of the cables:



3.9 SAFETY MEASURES IN BOILER ROOM

Install a fire extinguisher , a smoke sensor and a carbon monoxide detector.

Also keep a bucket of soil in the boiler room.

4. FIRST STARTING

BEFORE ANY OTHER ACTION, FILL IN THE SIPHON WITH WATER.

GAS LEAK HAZARD.

SIPHON

POSSIBLE DIFFERENCES

A. The color of the instrument panel (black or white)

B. The ON / OFF switch is possibly to be located on the left side of the panel

1. The first starting must be carried out by a licensed liquid fuel technician.

2. The switch on is been automatically. Following the instructions of boiler's operating manual.

The setting of the operating temperatures is done manually.

3. Ensure fuel leaks along the length of the oil supply pipes.

4. Ensure that there is no any water leakage along the entire length of the hydraulic connection piping.

5. Testing and measurement of flue gas emissions is demanded after ignition and all checks.

6. Prior to first use by the owner, it is necessary to provide advice on proper use and maintenance by the technician or Engineer.

5. GENERAL RECOMMENDATIONS

Before each new starting , after prolonged shutdown , confirm that:

1. There is water in the installation

2. The condensate siphon is filled with water.

3. The water supply and return valves of the boiler in the installation are open and there are no leaks in the hydraulic network.

4. It is forbidden to the last user to change the settings of the burner. This is required to only by a licensed technician.

5. DO NOT place flammable materials and fuel at a distance of less than 1.5 meters from the unit.

6. During the first use, open the windows of the installation area and ensure adequate ventilation, as strong smells are likely to occur. Also check for smoke leakage.

7. Before opening the control door, make sure the appliance is off.

8. Always check for antifreeze systems to cool the system and pipes for frost periods. ALWAYS RISK OF SERIOUS DAMAGE AND EXPLOSION.

9. If water has been frozen, do not use the appliance and seek advice from your licensed plumber. The installation must be kept full of water during the period of non-use of the system

10. If the water has been frozen, do not use the appliance and seek advice from your licensed plumber. The installation must be kept full of water during the period of non-use of the system

6. SAFETY

The use of the compact unit is only permitted by adults who have read and understood these operating instructions and operating instructions for the boiler operating panel.

1. Unauthorized modification of the device is prohibited.

2. USE only spare parts recommended by OSCAR.

3. Ensure that the outdoor air outlet (conduit) in the unit space is not clogged. If the opening or duct is blocked or closed, the unit is NOT allowed to operate. THERE IS A DANGER OF DANGEROUS ACCIDENTS (combined damage and damage)

4. DO NOT use chemical and flammable products near or on the boiler that emit fumes while heating them. FIRE / EXPLOSION HAZARD.

5. Make sure unattended children are not accessible near the unit when it is in use and when it is cold.

6. If you feel headache, dizziness, weakness, nausea, vomiting, chest pain, it is likely that carbon monoxide leaks.

- STOP the unit immediately.

- Gain good space

- CLICK DIRECTLY DOCTOR

-CALL DIRECTLY THE TECHNICIAN INSTALLER - MAINTENANCE of the unit.

7. EMERGENSY CASE

If the following emergencies occur, follow the instructions below.

7.1 VERY HIGH WATER TEMPERATURE

1. If you feel or see the water temperature is higher than normal (> 95o):
   1. Turn the thermostat inside the house to the minimum temperature to turn off the burner.
   2. Turn the THERMOSTAT BURNER to the minimum possible (20o) temperature
   3. Call a licensed installer.
   4. Check the installation safety valves.
   5. DO NOT activate the unit until it is checked by your technician.

7.2 FIRE

1. Evacuate your home.
2. Call 199 DIRECTLY.
3. Take fire-fighting measures ONLY if it is safe and always from a safe distance from the fire.

7.3 GASES IN THE INSTALLATION AREA

1. Turn the thermostat inside the house to the lowest temperature.
2. Open the window
   DO NOT stay in the room until it is fully ventilated.
3. Call a lisensed installer.

7.4 FUEL LEAK

1. Turn the thermostat inside the house to the lowest temperature.
2. Switch off any source that may cause ignition in the leakage area.
3. Do not switch off the boiler until the boiler water temperature falls below 50 ° C.
4. Stop each electrical supply to the boiler after the actions in section 2.
5. Use sand or other suitable non-flammable absorbent material to absorb the leaked oil.
6. It is necessary to prevent the leakage of oil into the sewers or the environment, if this is feasible. The materials used to absorb oil need to be disposed of in the trash.
7. Oil-impregnated clothing is required to be placed in a well-ventilated and non-combustible area and then disposed of.
9. If you are in contact with oil, wash well with soap.

IMAGE OF THE CAMINADE

1. Chimney blocking can create fumes in the installation area.
2. Follow the instructions in paragraph 8.3.
3. Call a licensed installer to control the chimney and clean it.

7.5 CHIMNEY BLOCK

1. Chimney blocking can create GASES in the installation area.
2. Follow the instructions in paragraph 8.3.
3. Call a licensed installer to check the chimney and clean it.

7.6 FROZEN PIPE NETWORK

If it is freezing and you notice that the water in the radiator is not circulating or the water does not get hot while the boiler is in operation, then there is a great possibility that the water in the pipes has been frozen.

Take the following actions:

1. Turn the thermostat inside the house to the lowest temperature.
2. Contact a licensed installer DIRECTLY.
3. DO NOT approach and DO NOT re-activate the boiler via the thermostat until the problem is solved as there is an EXPLOSION DANGER.

8. MAINTENANCE - CLEANING

The cleaning and the maintenance of the C-S 28 oil unit must only be carried out by lawful licensed state-run liquid fuel technicians. At the end of the service , the technician is required to fill in, seal and sign the MAINTENANCE BOOK at the end of this manual and deliver the unit ready for safe use.

The technical department of the OSCAR industry is at your disposal for any questions you may have (www.oscarboilers.gr).

BEFORE ANY ACTION BE SURE THAT THE UNIT HAS BEEN ELECTRICALLY OFF, AND IT IS NOT UNDER VOLTAGE. THE TWO GENERAL ON/OFF SWITCHES SHOULD BE OFF, AND THE ELECTRICAL SAFETY OF THE TABLE DOWNLOADED.

8.1 Inside cleaning

Picture 1a, 1b

Internal cleaning of the boiler is done with metal brushes (not accompanying the unit) and not with chemicals that affect the strength of the product and is against the VALIDITY OF THE GUARANTEE.

The solid pollutants from the boiler flame (photo 1a) fall into the second passage from where they are collected by a vacuum cleaner.

Remove the turbolators (photo 1a) and make sure they are cleaned. If the sheet thickness has been altered, make sure to replace them.

The solid pollutants from the third GASES path are collected from the special exhaust port located on the back side of the boiler (Pic. 1b).

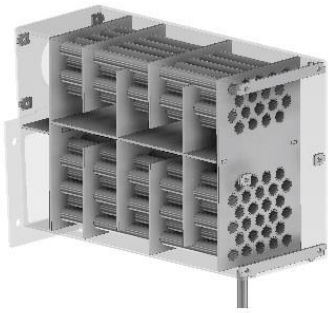
After cleaning, check:
● Good condition Application and quality of the door sealing cord. Replace if it is damaged.
● The good condition and application of the tailgate sealing adhesive. Replace if it is damaged.

8.2 Mechanical filter

Picture 2

Close the water supply and return valves of the unit. Unscrew the filter plug and remove any microparticles and dirt (picture 2)
Especially for the first session of the unit, it is recommended that the filter should be very frequent (daily) until it is clear that the hydraulic circuit of the plant is clean.

8.3 Stainless Steel Heat Exchanger



Picture 3a, 3b

○ Disconnect the chimney ("T", pic. 5a) from the exchanger and the drain hose (pic. 3b) and remove the exchanger from the unit.

○ Carefully remove the heat exchanger insulation.

○ Unscrew the rear vertical surface of the exchanger to expose the exhaust traces.

○ Depending on the solid residues, use a metal or plastic brush or simple pressurized water.

○ Follow a reverse course of action to connect the heat exchanger after making sure the insulation and sealing materials are in perfect condition, otherwise replace them.

8.4 Siphon

○ Disconnect the drain hose (photo 3b) and remove the siphon (Picture 4) from the unit.

○ Unscrew the transparent, semi-round plastic siphon plug and clean it with water.

○ Wash the siphon with water.

○ Do check the quality and application in the plastic o'rings of the sewer.

8.5 Plastic chimney

Picture 5a, 5b

Σημ. Το ΣΕΤ της καμινάδας συνοδεύουν δύο (2) σωληνάρια αλοιφής για τις τυχόν συγκολλήσεις σας.

○ With a wet cloth, clean the chimney paths internally (Pic. 5a, 5b).

○ Reconnect by checking and ensuring tightness.

9. OSCAR quality guarantee

For the construction of OSCAR boilers, the most meticulous production processes are followed which guarantee that the boilers will not encounter any problems during their operation. For this purpose OSCAR offers a written guarantee of good functioning as follows:

• 5 years for the steel trunk (boiler) of the unit.

• 2 years for the stainless steel heat exchanger.

• 2 years for the instrument panel.

• 2 years for the burner (official guarantee of RIELLO).

Carefully read the terms of the warranty.

THANK YOU THAT YOU CHOOSE THE PRODUCTS OF THE OSCAR COMPANY

10. C-S 28 MAINTENANCE BOOK

DATE	TECHNICIAN'S FULL NAME SIGNATURE - STAMP	NOTES
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ADDRESS :
VASILIOS POLITIS
32^{O} KM STAVROU - LAVRIOU
19003 MARKOPOULO – GREECE
TEL.+30 22990 22193/4, FAX +30 22990 22319
Email : info@oscarboilers.gr
www.oscarboilers.gr