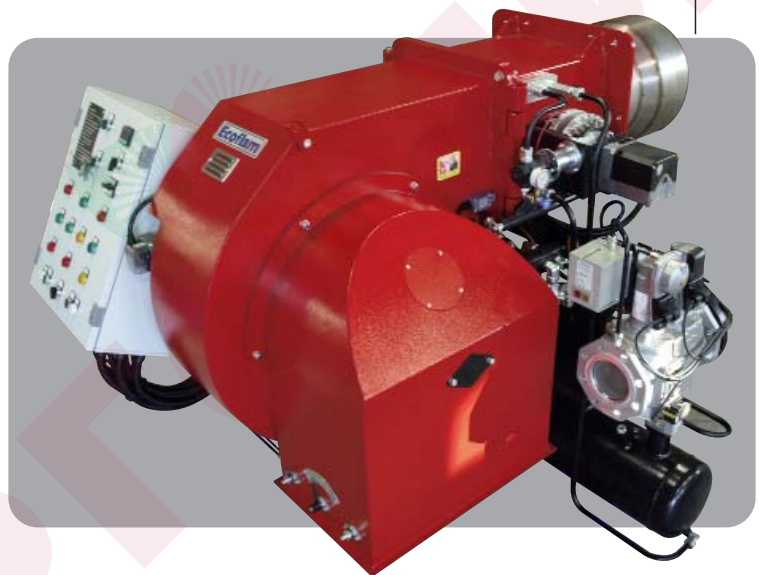


GAS / HEAVY-OIL DUAL BURNERS

Ecoflam



Multiflam 700.1

Multiflam 800.1

Multiflam 1000.1

Multiflam 1200.1

PR/PR

По вопросам продаж обращайтесь:

ЕКАТЕРИНБУРГ: +7 (343) 374-94-93

ЧЕЛЯБИНСК: +7 (351) 751-28-06

НИЖНИЙ ТАГИЛ: +7 (922) 171-31-23

ТЮМЕНЬ: +7 (3452) 60-84-52

КУРГАН: +7 (3522) 66-29-82

МАГНИТОГОРСК: +7 (922) 016-23-60

УФА: +7 (927) 236-00-24

ПЕРМЬ: +7 (342) 204-62-75

СУРГУТ: +7 (932) 402-58-83

НИЖНЕВАРТОВСК: +7 (3466) 21-98-83



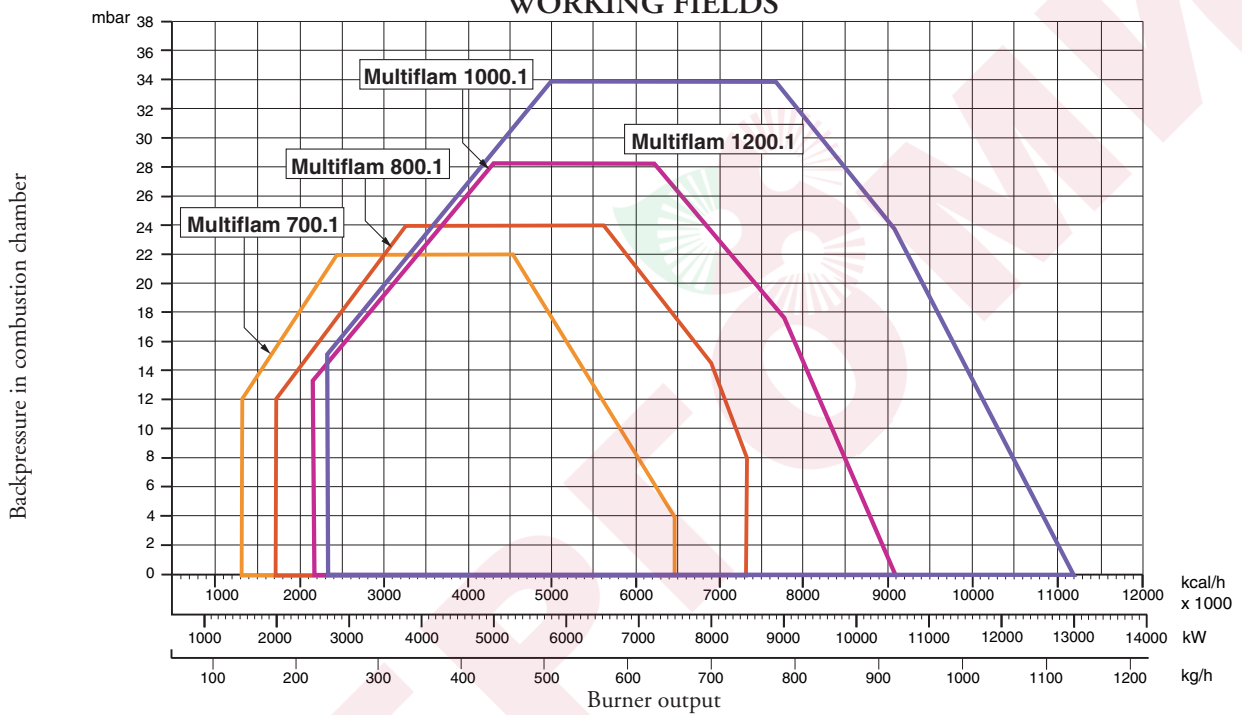
420010465301

420010465301

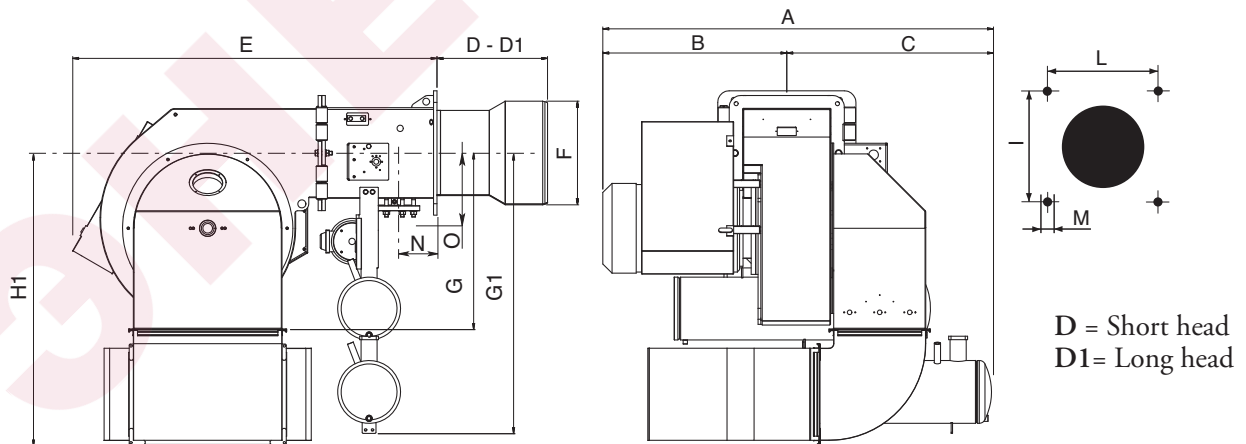
24.02.2015

| Models | Multiflam | 700.1 PR | 800.1 PR | 1000.1 PR | 1200.1 PR |
|-----------------------------|---|-----------|-----------|-----------|------------|
| Thermal power max. | kW | 7.500 | 8.500 | 10.500 | 13.000 |
| | kcal/h | 6.465.000 | 7.327.500 | 9.052.000 | 11.207.000 |
| Thermal power min. | kW | 1.500 | 2.000 | 2.500 | 2.700 |
| | kcal/h | 1.290.000 | 1.724.000 | 2.155.000 | 2.327.600 |
| Max. capacity (Natural Gas) | Nm ³ /h | 729 | 855 | 1.056 | 1.318 |
| Min. capacity (Natural Gas) | Nm ³ /h | 150 | 201 | 251 | 272 |
| Max. heavy oil flow rate | kg/h | 660 | 748 | 924 | 1.143 |
| Min. heavy oil flow rate | kg/h | 132 | 176 | 220 | 237 |
| Gas pressure | mbar | 300 | 300 | 300 | 300 |
| Voltage 50 Hz | V | 230/400 | 230/400 | 230/400 | 230/400 |
| Motor | kW | 15 | 18,5 | 22 | 37 |
| Rpm | N° | 2800 | 2800 | 2800 | 2800 |
| Fuels: | Nat. Gas L.C.V. 8.570 kcal/Nm ³ ; Heavy Oil L.C.V. 9.800 kcal/kg max. visc.50°E at 50 °C | | | | |

WORKING FIELDS



OVERALL DIMENSIONS



| MODELS | A | B | C | D | D1 | E | F | G | G1 | H1 | I | L | M | N | O |
|------------------|------|-----|-----|-----|----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|
| Multiflam 700.1 | | | | | | | | | | | | | | | |
| Multiflam 800.1 | | | | | | | | | | | | | | | |
| Multiflam 1000.1 | | | | | | | | | | | | | | | |
| Multiflam 1200.1 | 1690 | 800 | 890 | 470 | - | 1582 | 450 | 775 | 900 | 1270 | 460 | 460 | M20 | 195 | 232 |

ELECTRICAL CONNECTIONS

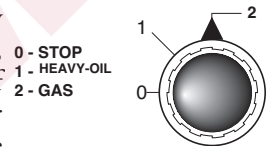
All burners factory tested at 400 V 50 Hz three-phase for motors and 230 V 50 Hz monophas with neutral for auxiliary equipment. If mains supply is 230 V 50 Hz threephase withuot neutral, change position of connectors on burner as in fig. Protect burner supply line with safety fuses and any other devices required by safety standards obtaining in the country in question.

CONNECTION TO THE GAS PIPELINE

Once connected the burner to the gas pipeline, it is necessary to control that this last is perfectly sealed. Also verify that the chimney is not obstructed. Open the gas cock and carefully bleed the piping through the pressure gauge connector, then check the pressure value trough a suitable gauge. Power on the system and adjust the thermostats to the desired temperature. When thermostats close, the sealing control device runs a seal test of valves; at the end of the test the burner will be enabled to run the start-up sequence.

BURNER START-UP

Before starting the burner, make sure it is mounted correctly. Then check connections are correct according to the diagram and piping is appropriate to the system. Before connecting the burner to the electricity supply, make sure voltage corresponds to burner plate data. The connection diagram and start-up cycle are shown separately. For wiring from control box to burner, see the enclosed connection diagram. Pay particular attention to neutral and phase connections : never exchange them!. Vent air and impurities of gas pipe. Check gas pressure conforms to the limits stated on the burner plate when connecting a master gauge to the test port provided on the burner. Blower motor starts and pre-purging begins. Since pre-purging has to be carried out with the max. air delivery, the burner control circuit turns the air damper to the max. delivery position by the air servocontrol in approximately 30 seconds time. When the servocontrol is fully open, a signal to the electronic control unit starts the 66 seconds pre-purge cycle. At the end of the prepurging time, the air servocontrol gets to the Low Flame position so that burner ignition is ensured at min. output. Simultaneously the ignition transformer receives voltage and after 3 seconds (pre-ignition) opens the pilot gas valve. Fuel flows to the combustion head and ignites. Two seconds after pilot gas valves have opened, the ignition transformer is excluded from the circuit. In case of no ignition the burner goes to lock-out within two seconds. After 6 sec. open the working gas valve, governed by the gas firing butterfly valve. Now the burner is operating at the min. firing rate (about 30% of the max. firing rate). The air servocontrol runs at the Low Flame position and in case the temperature control has to be set at the max. output it goes to a fully open position of air damper and butterfly valve. During the burner-off periods the air damper closes up fully.



ADJUSTING THE COMBUSTION PROCESS

IMPORTANT: to obtain the right adjustment of the combustion and thermal capacity it is important to analyze the reducts of combustion with the aid of suitable instruments. The combustion and thermal capacity adjustment is done simultaneously, together with the analysis of the products of combustion, making sure that the measured values are suitable and that they comply with current safety standards. On this matter, please refer to the table and figure below.

THESE OPERATIONS MUST BE DONE BY PROFESSIONALLY-QUALIFIED TECHNICIANS.

NOTE:

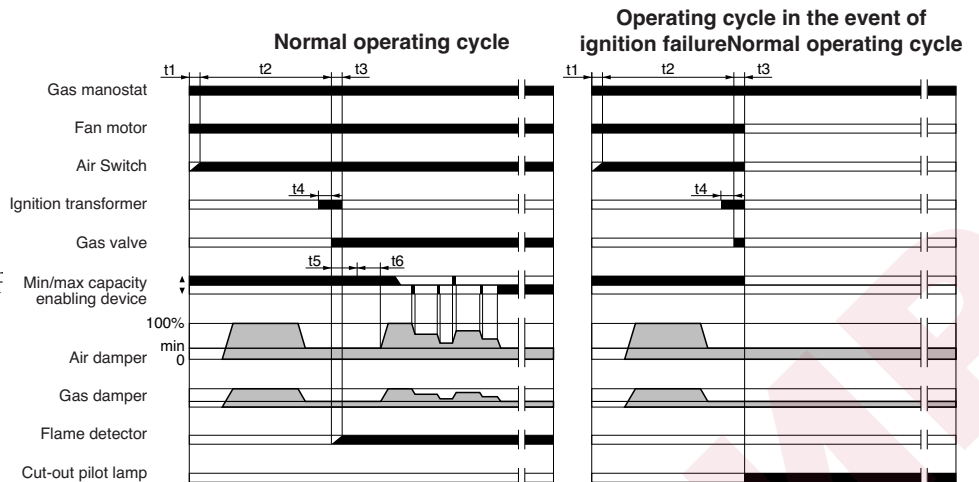
ALL SAFETY DEVICES (AIR PRESSURE SWITCH, MINIMUM GAS PRESSURE SWITCH, GAS SOLENOID VALVES AND GAS GOVERNOR) SHALL BE DULY SEALED AFTER CALIBRATION AND BURNER START UP BY ECOFLAM'S TECHNICIANS.

SIEMENS , Model LFL1.622-LFL1.333 OPERATING CYCLE

| Ref. | Description | Duration |
|------|---|----------|
| t1 | Duration Waiting time for confirmation of air pressure | 8" |
| t3 | Prevention time | 66" |
| t4 | Safety time | 2" |
| t5 | Pressurizing time | 4" |
| | Time for enabling operation of the main gas valve on minimum capacity | 10" |
| t6 | Time for enabling operation of the main gas valve on maximum capacity | 10" |

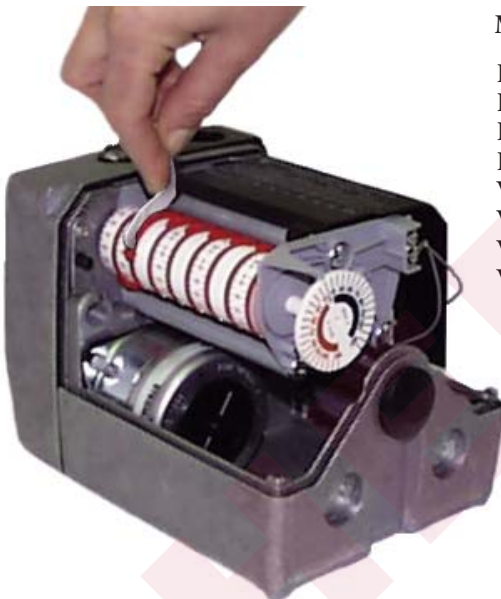
The control box starts the burner fan, to carry out the prepurging of the combustion chamber, and checks the vent air pressure through the air pressure switch. At the end of prepurging, the ignition transformer cuts-in and generates a spark between the electrodes. At the same time the two gas valves

open (Vs safety valve and VI working valve). The total safety, in case of missed ignition or casual burner's flame-out, is granted by a ionisation probe which cuts-in and sets the burner shutdown within the safety time. In case of gas lack or a major pressure drop, the minimum air pressure switch shuts down the burner.



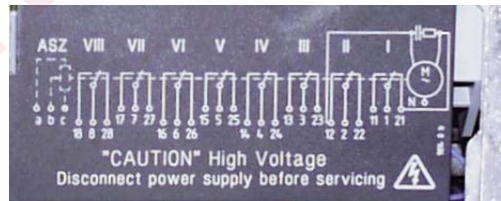
SIEMENS SQM 50.481A2 AIR DAMPER MOTOR

Remove cover to gain access to the adjusting cams. The cams are to be adjusted through the suitable key provided for. Description:



Manual change

- I - High flame operating opening position adjusting cam (Heavy-Oil)
- II - Limit switch for the air damper position at burner's shut down
- III - Ignition flame opening position adjusting cam (Gas).
- IV - Ignition flame opening position adjusting cam(Heavy-Oil)
- V - Low flame operating opening position adjusting cam (Gas)
- VI - Low flame operating opening position adjusting cam (Heavy-Oil)
- VII - High flame operating opening position adjusting cam (Gas)
- VIII - Not used cam



CALCULATING THE BURNER CAPACITY

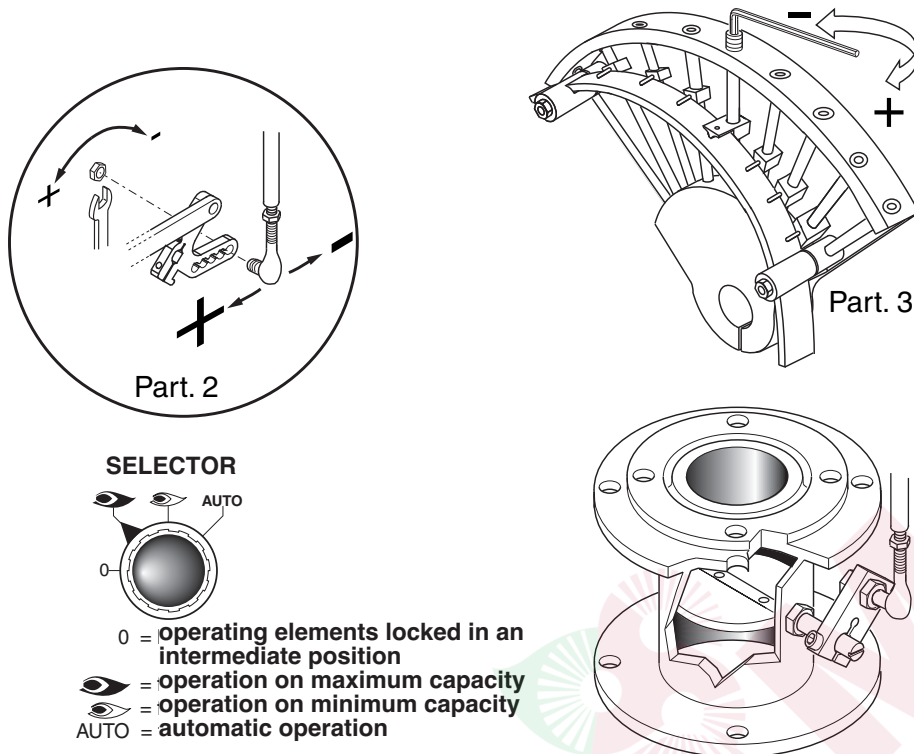
To calculate the burner's capacity in kW, proceed as follows: Check the gas flow rate (in liters) on the counter and the time of the reading in seconds.

Proceed with the calculation using the following formula: $\frac{e}{sec} \times f = kW$

e = Litres gas
 sec = Time in second

$$f \begin{cases} G20 = 34,02 \\ G30 = 116 \\ G31 = 88 \end{cases}$$

AIR AND GAS ADJUSTMENT



ADJUSTING THE MINIMUM CAPACITY OF THE BURNER – AIR and GAS

Position the selector placed on the control panel on position 2 and proceed as follows:

Adjust the minimum gas flow rate using a suitable wrench, turn the butterfly valve until you reach the correct gas flow, as established by analyzing the combustion process.

ADJUSTING THE MAXIMUM CAPACITY OF THE GAS

Position the selector, situated on the control panel, on position 1 and proceed as follows:

Adjusting the maximum gas flow rate (see figure on solenoid valve adjustments) or adjust the gas pressure in the governor.

ADJUSTING THE MAXIMUM AIR FLOW RATE

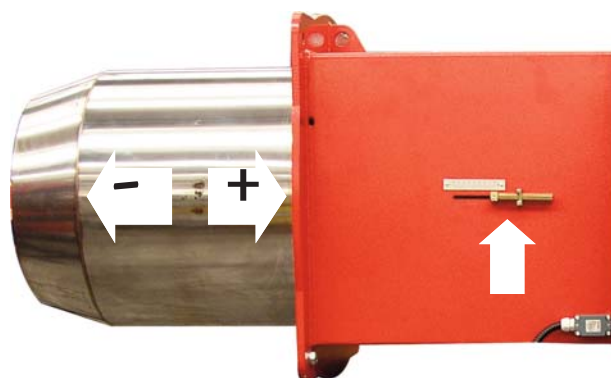
Adjusting the maximum air flow rate (see figure, detail 2). Loosen the nut holding the air damper transmission rod; The correct air flow as established by analyzing the combustion process.

ADJUSTING THE INTERMEDIATE BURNER CAPACITY

Using the selector, start the servomotor (closing or opening) and position on 0 to stop the stroke; the adjustment is made as outlined below. Repeat the operation for the other cam points.

Adjustment the intermediate gas flow rates (see figure, detail 3): - using a suitable Allen wrench, change the position of the cam guide blade; if you screw it down, the flow rate is reduced; if you unscrew it, the flow rate increases.

SETTING THE FIRING HEAD



ADJUSTMENT OF GAS MINIMUM PRESSURE SWITCH

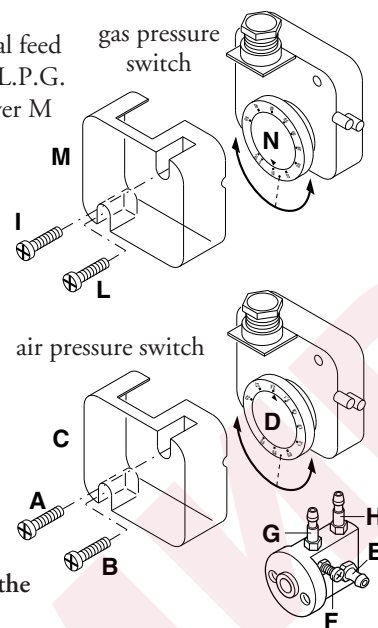
Unscrew off and remove cover M. - Set regulator N to a value equal to 60% of gas nominal feed pressure (i.e. for nat. gas nom. pressure = 20 mbar, set regulator to a value of 12 mbar; for L.P.G. nom. pressure of G30/G31- 30/37 mbar, set regulator to a value of 18 mbar).Screw up cover M

ADJUSTMENT OF THE AIR PRESSURE SWITCH

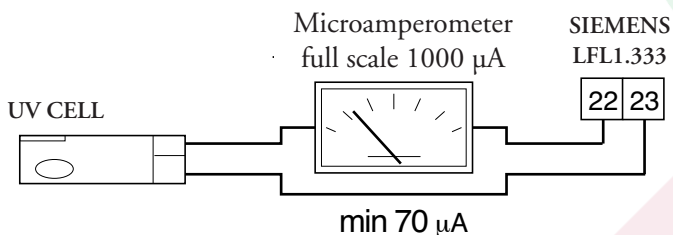
Unscrew screws A and B and remove cover C.- Set the pressure switch to the minimum by turning regulator D to position 1.

- Start the burner and keep in low flame running, while checking that combustion is correct. Through a small cardboard, progressively obstruct the air intake until to obtain a CO₂ increase of 0,5±0,8% or else, if a pressure gauge is available, connected to pressure port E, until reaching a pressure drop of 1 mbar (10 mm of W.G.). - Slowly increase the adjustment value of the air pressure switch until to have the burner lockout. Remove the obstruction from the air intake, screw on the cover C and start the burner by pressing the control box rearm button.

Note: The pressure measured at pressure port E must be within the limits of the pressure switch working range. If not, loose the locking nut of screw F and gradually turn the same: clockwise to reduce the pressure; counterclockwise to increase. At the end tighten the locking nut.

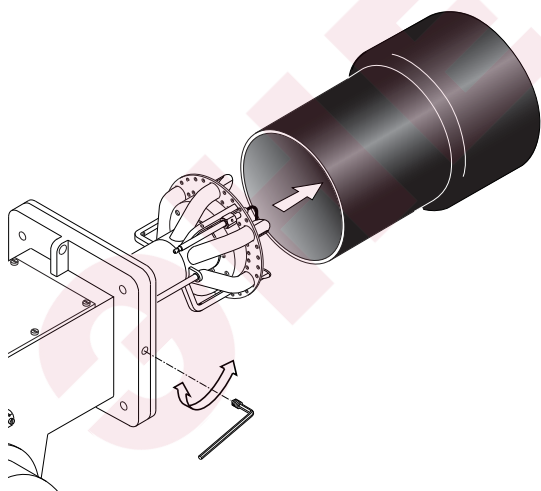


DETECTOR CURRENT

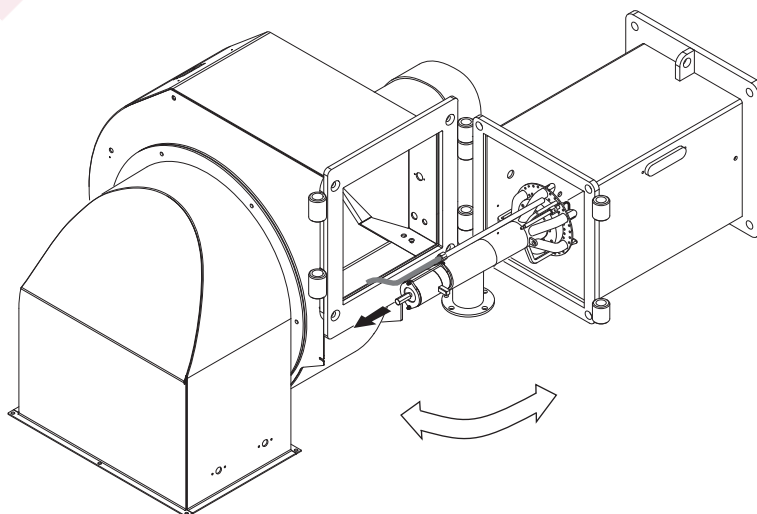


The detector current is checked by inserting a microammeter (scale 1000 µA - d.c.) in series with the uv cell. The flame detector current has to been > 70 µA.

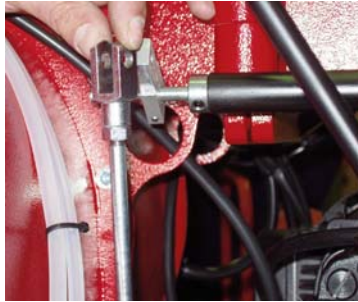
REMOVING THE BLAST TUBE



REMOVING THE FIRING HEAD

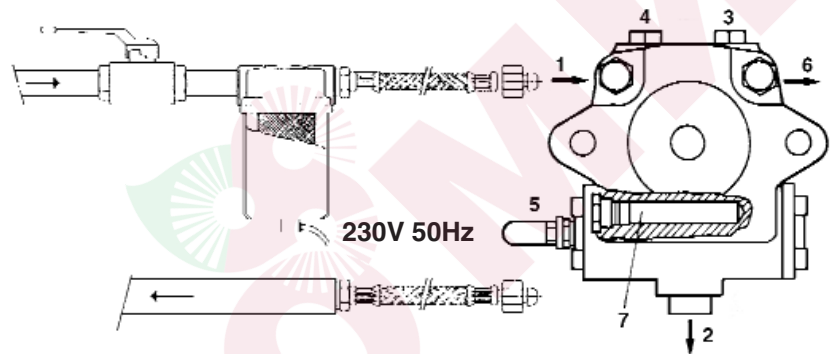


WARNING !



HEAVY OIL FEEDING

- 1 - Inlet
- 2 - Return
- 3 - Bleed and pressure gauge port
- 4 - Vacuum gauge port
- 5 - Pressure adjustment
- 6 - Nozzle outlet
- 7 - Heater

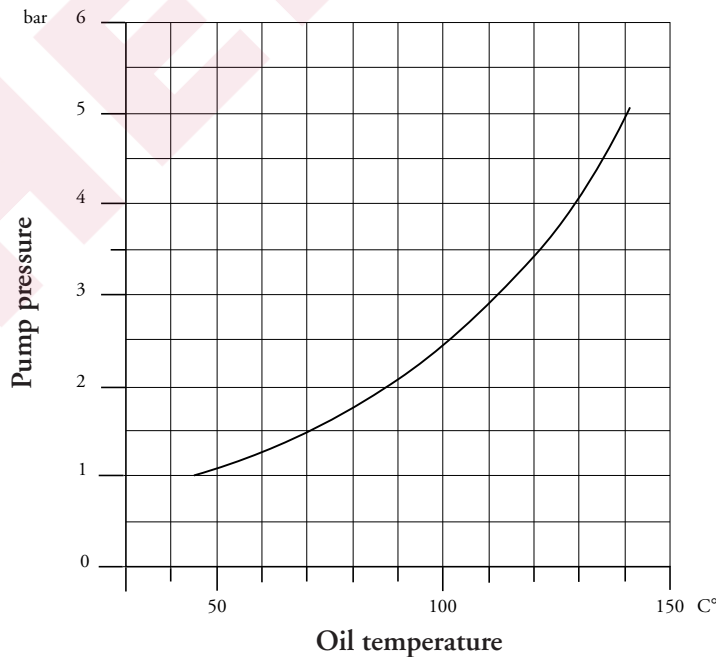


WARNING: For a correct working of the pump, verify what follows:

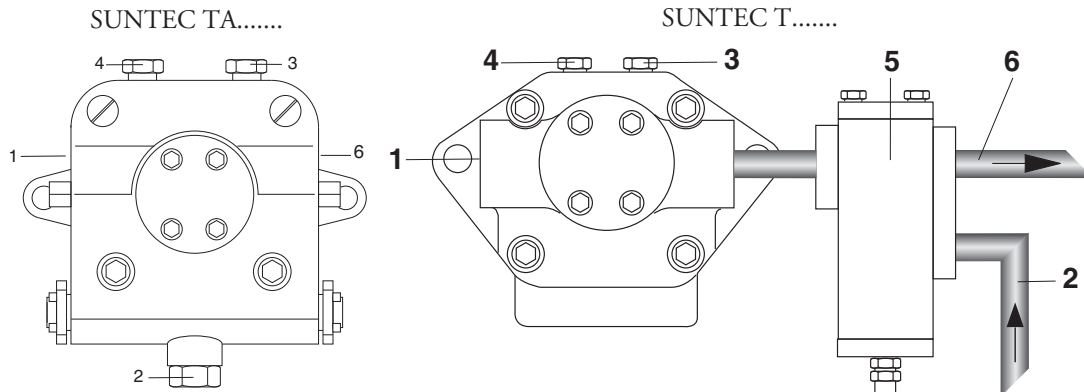
| | | |
|------------------------------|---------------------|---------------------|
| Pump : | SUNTEC TA...C40105 | SUNTEC T...C105 |
| Oil temperature at the pump: | Max. 140 °C | Max. 140 °C |
| Maximum allowable pressures: | Max. 5 bar on inlet | Max. 5 bar on inlet |

PUMP'S PRESSURE / OIL TEMPERATURE DIAGRAM

Pump inlet pressure: the vaporisation of light fraction of heated heavy oil causes premature pump wear, to avoid this, use the inlet pressures shown in the graph.



PRIMING AND ADJUSTMENT OF OIL PUMP



- | | |
|-----------------------------------|-------------------------|
| 1 - INLET | 4 - VACUUM GAUGE PORT |
| 2 - RETURN | 5 - REGULATING VALVE TV |
| 3 - BLEED AND PRESSURE GAUGE PORT | 6 - TO NOZZLE |

VERIFY:

- That piping system is perfectly sealed;
- That the use of hoses is avoided whenever is possible (use copper pipes preferably);
- That depression is not greater than 0,45 bar, to avoid pump's cavitation;
- That check valve is suitably designed for the duty;

The pump pressure is set at a value of 22-25 bar during the testing of burners. Before starting the burner, bleed the air in the pump through the gauge port. Fill the piping with light-oil to facilitate the pump priming. Start the burner and check the pump feeding pressure. In case the pump priming does not take place during the first prepurging, with a consequent, subsequent lock-out of the burner, rearm the burner's lock-out to restart, by pushing the button on the control box. If, after a successful pump priming, the burner locks-out after the prepurging, due to a fuel pressure drop in the pump, rearm the burner's lock-out to restart the burner. Do never allow the pump working without oil for more than three minutes.

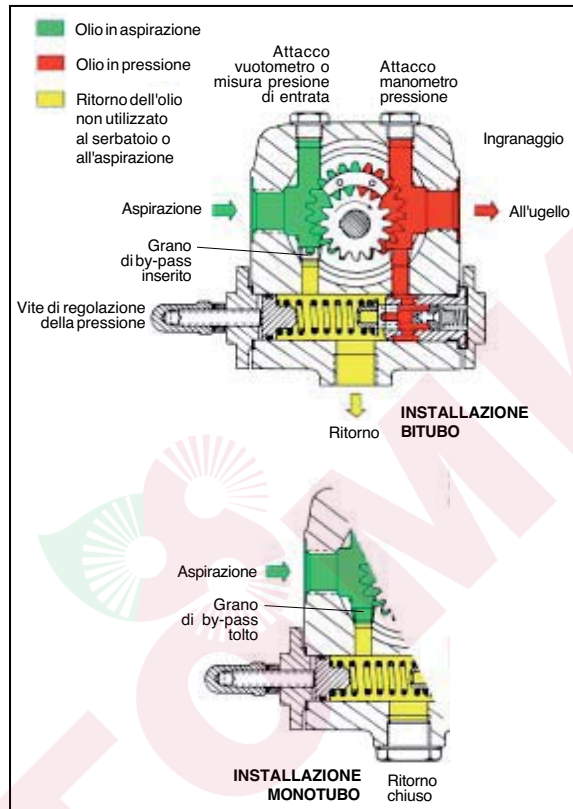
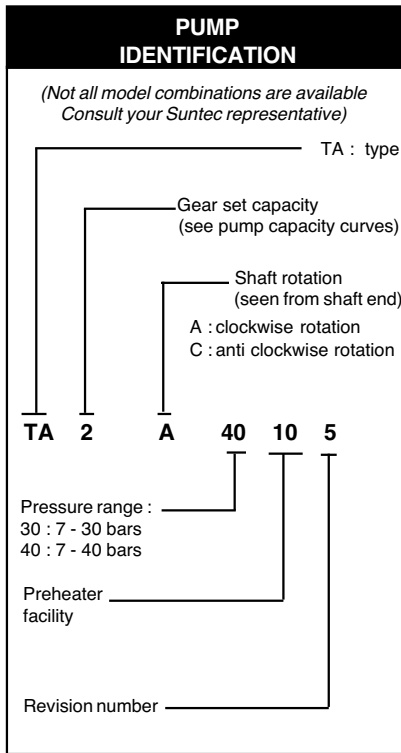
Note: before starting the burner, check that the return pipe is open. An eventual obstruction could damage the pump sealing device.

PREHEATING FACILITY

Care should be taken to avoid starting pump with high viscosity cold oil leading to pump and coupling damage. For this reason, the T and TA pump body includes a drilling to accept an electric preheater. This drilling has been located to give maximum heat transfer from the heater to the oil in the pump without there being direct contact between the heater cartridge and the oil. Heaters should be connected for a period of time prior to starting the pump. When the right temperature is reached, they can be switched off or left permanently switched on to maintain fluid oil in the pump during the periodic burner shut-downs. The oil supply, pipes and filters must be separately heated.

PUMP SUNTEC TA TECHNICAL DATA

Note : All TA models are delivered for two-pipe system (by-pass plug fitted in vacuum gauge port). For one-pipe system, the by-pass plug must be removed and the return port sealed by steel plug and washer.



General

| | | |
|---------------------|--|----------------|
| Mounting | Flange mounting | Capacity (L/h) |
| Connection threads | Cylindrical according to ISO 228/1 | |
| Inlet end return | G 1/2" | |
| To nozzle | G 1/2" | |
| Pressure gauge port | G 1/4" | |
| Vacuum gauge port | G 1/4" | |
| Shaft | Ø 12 mm | |
| By-pass plug | Inserted in vacuum gauge port for 2 pipe system; to be removed with a 3/16" Allen key for 1 pipe system | |
| Weight | 5,4 kg (TA2) - 5,7 kg (TA3) 6 kg (TA4) - 6,4 kg (TA5) | |

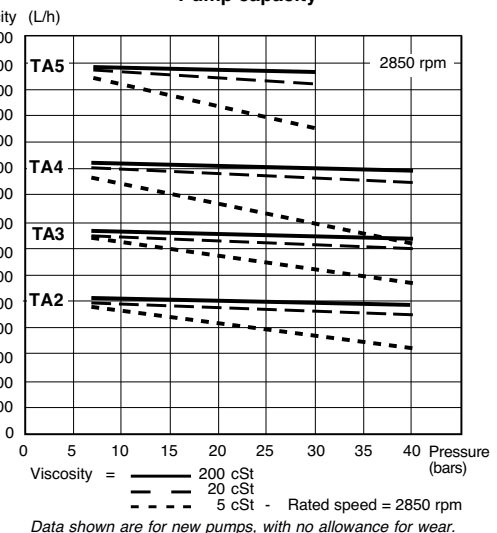
Hydraulic data

| | |
|---------------------------|---|
| Nozzle pressure ranges | 30 : 7 - 30 bars 40 : 7 - 40 bars |
| Delivery pressure setting | 30 bars |
| Operating viscosity | 4 - 450 cSt |
| Oil temperature | 0 - 140°C max. in the pump |
| Inlet pressure | light oil : 0,45 bars max. vacuum to prevent air separation from oil heavy oil : 5 bars max. |
| Return pressure | light oil : 5 bars max. heavy oil : 5 bars max. |
| Rated speed | 3600 rpm max. |
| Starting torque | 0,3 N.m |

Choice of heater

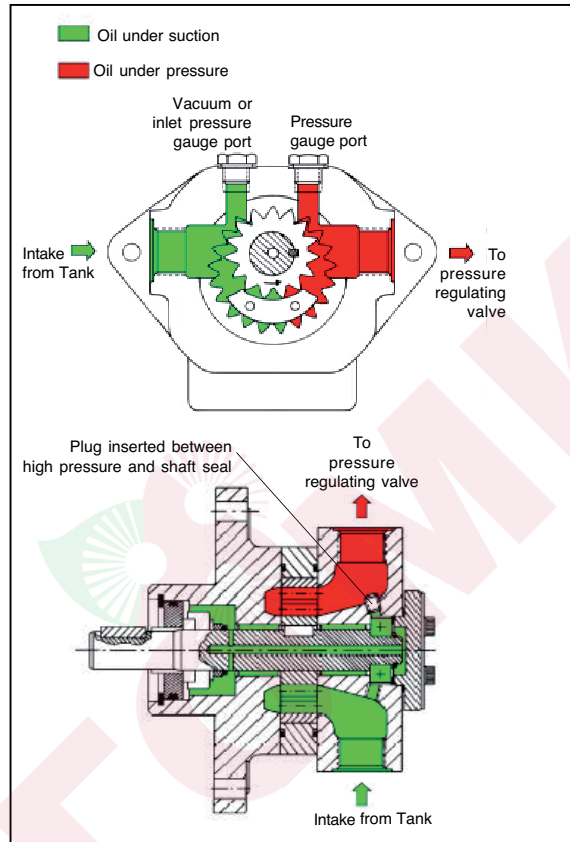
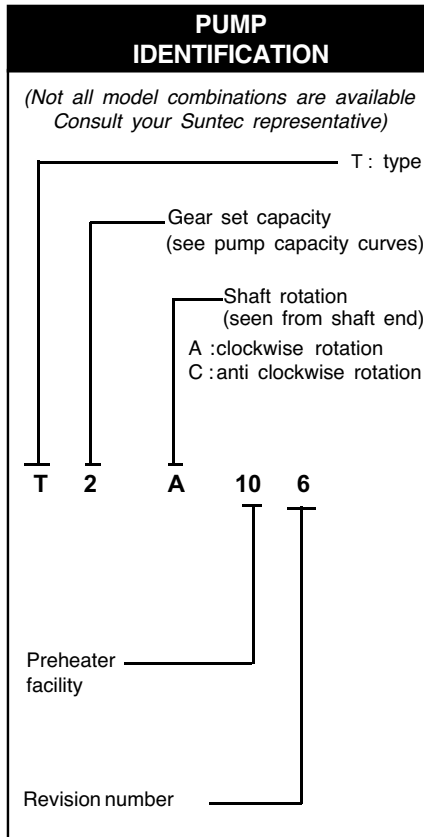
| | |
|-----------|---|
| Cartridge | Ø 12 mm |
| Fitting | according to DIN 40430, NFC 68190 (N°9 elec.) |
| Rating | 80-100 W |

Pump capacity



PUMP SUNTEC T TECHNICAL DATA

Note : The bypass plug inserted between high pressure and shaft seal is only intended to change the pump rotation, check the presence of this plug with a 4 mm Allen key in the pressure outlet of the pump.
 Caution : changing the direction of pump rotation involves changing of all pump connections.



General

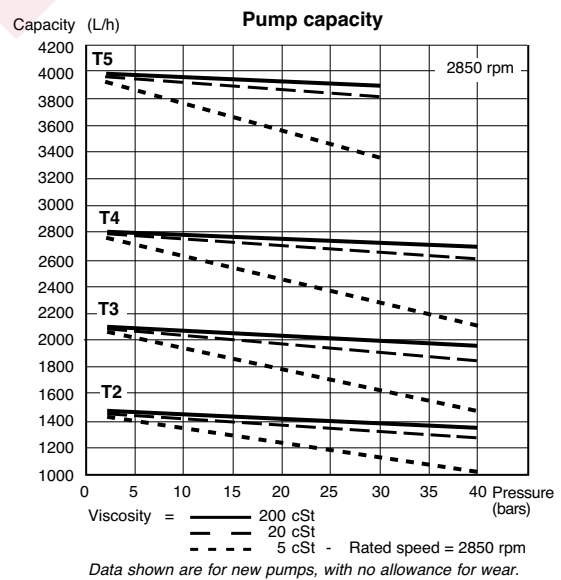
| | | |
|---------------------|------------------------------------|-------------|
| Mounting | Flange mounting | |
| Connection threads | Cylindrical according to ISO 228/1 | |
| Inlet end return | G 1/2" | |
| To nozzle | G 1/2" | |
| Pressure gauge port | G 1/4" | |
| Vacuum gauge port | G 1/4" | |
| Shaft | Ø 20 mm | |
| Weight | 7,8 kg (T2) | 8,1 kg (T3) |
| | 8,7 kg (T4) | 9,4 kg (T5) |

Hydraulic data

| | |
|-----------------------|---|
| Nozzle pressure range | 40 bars max. (T2, T3, T4) 30 bars max. (T5) |
| Operating viscosity | 4 - 450 cSt |
| Oil temperature | 0 - 150°C max. in the pump |
| Inlet pressure | light oil : 0,45 bars max. vacuum to prevent air separation from oil heavy oil : 5 bars max. |
| Rated speed | 3600 rpm max. |
| Starting torque | 0,4 N.m |

Choice of heater

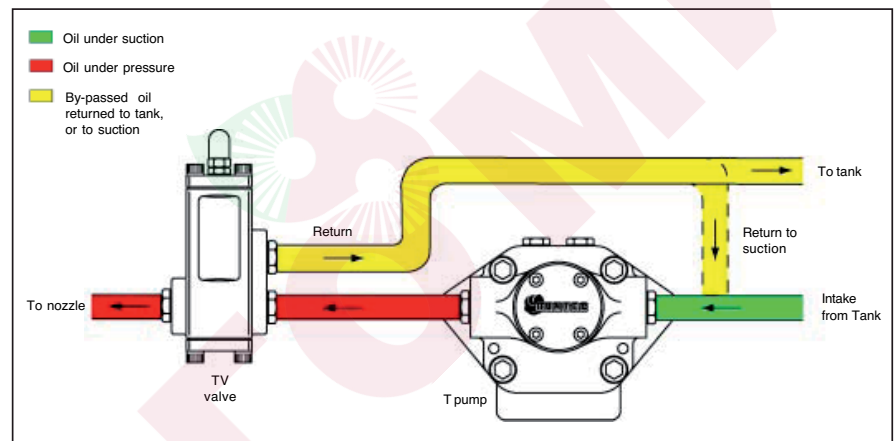
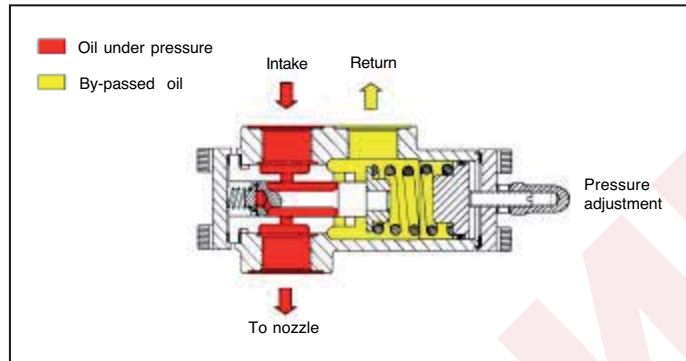
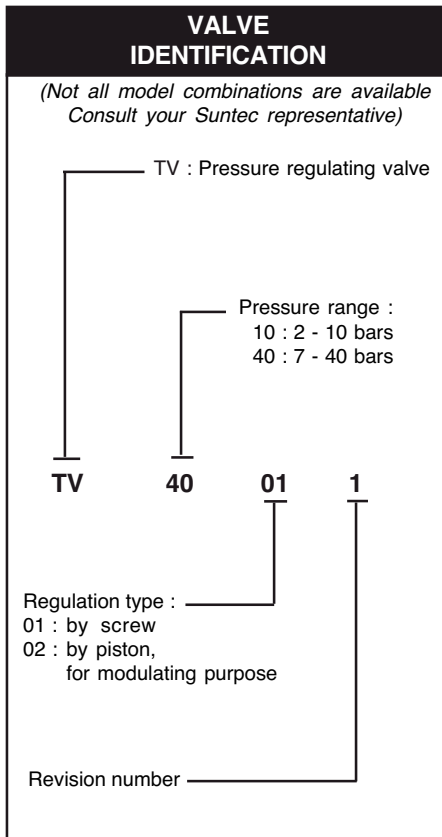
| | |
|-----------|---|
| Cartridge | Ø 12 mm |
| Fitting | according to DIN 40430, NFC 68190 (N°9 elec.) |
| Rating | 80-100 W |



Power consumption

PUMP SUNTEC TV TECHNICAL DATA

The pressure of the nozzle line is adjusted with the adjusting screw of the TV valve. The oil in excess to nozzle requirement is dumped to the return. Two pipe system : oil in excess is returned to tank. One pipe system : oil in excess is returned to pump suction.

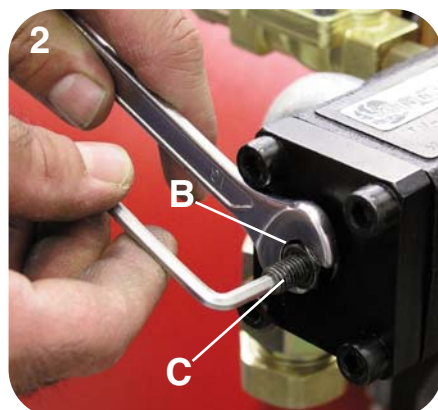
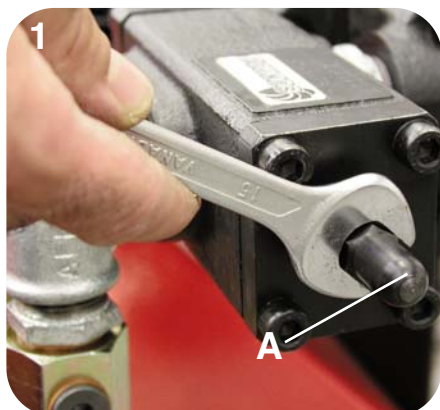


General

| | |
|--------------------|------------------------------------|
| Connection threads | Cylindrical according to ISO 228/1 |
| Inlet | G 3/4" |
| To nozzle | G 3/4" |
| Return | G 3/4" |
| Weight | 3 kg |

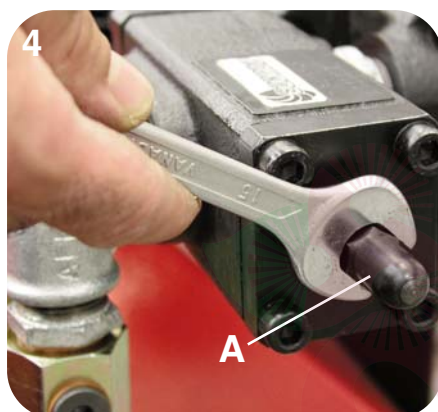
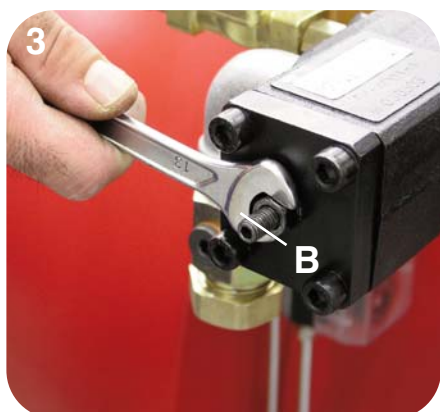
Hydraulic data

| | |
|---------------------|---|
| Pressure ranges | 10 : 2 - 10 bars (delivery pressure setting : 7 bars) |
| | 40 : 7 - 40 bars (delivery pressure setting : 20 bars) |
| Operating viscosity | 4 - 450 cSt |
| Oil temperature | 0 - 150°C max. in the valve. |

PRESSURE REGULATING VALVE ADJUSTMENT

1) Remove the cap A of the pressure regulating valve TV.

2) Loosen the fixing nut B and use an allen wrench on the screw C to adjust the delivery oil pressure. To increase the pressure turn clockwise, to decrease the pressure turn anti-clockwise.



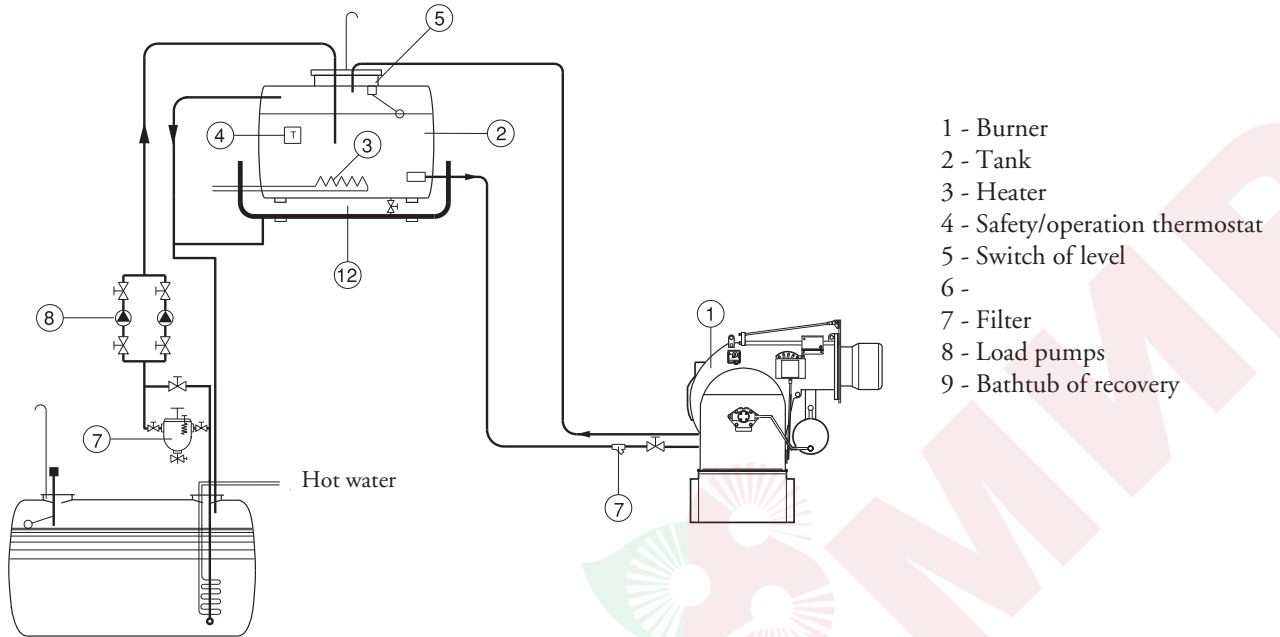
3) Tighten the nut B and pay attention not to turn also the adjusting screw.

4) Screw on the cap A, back to its previous position.

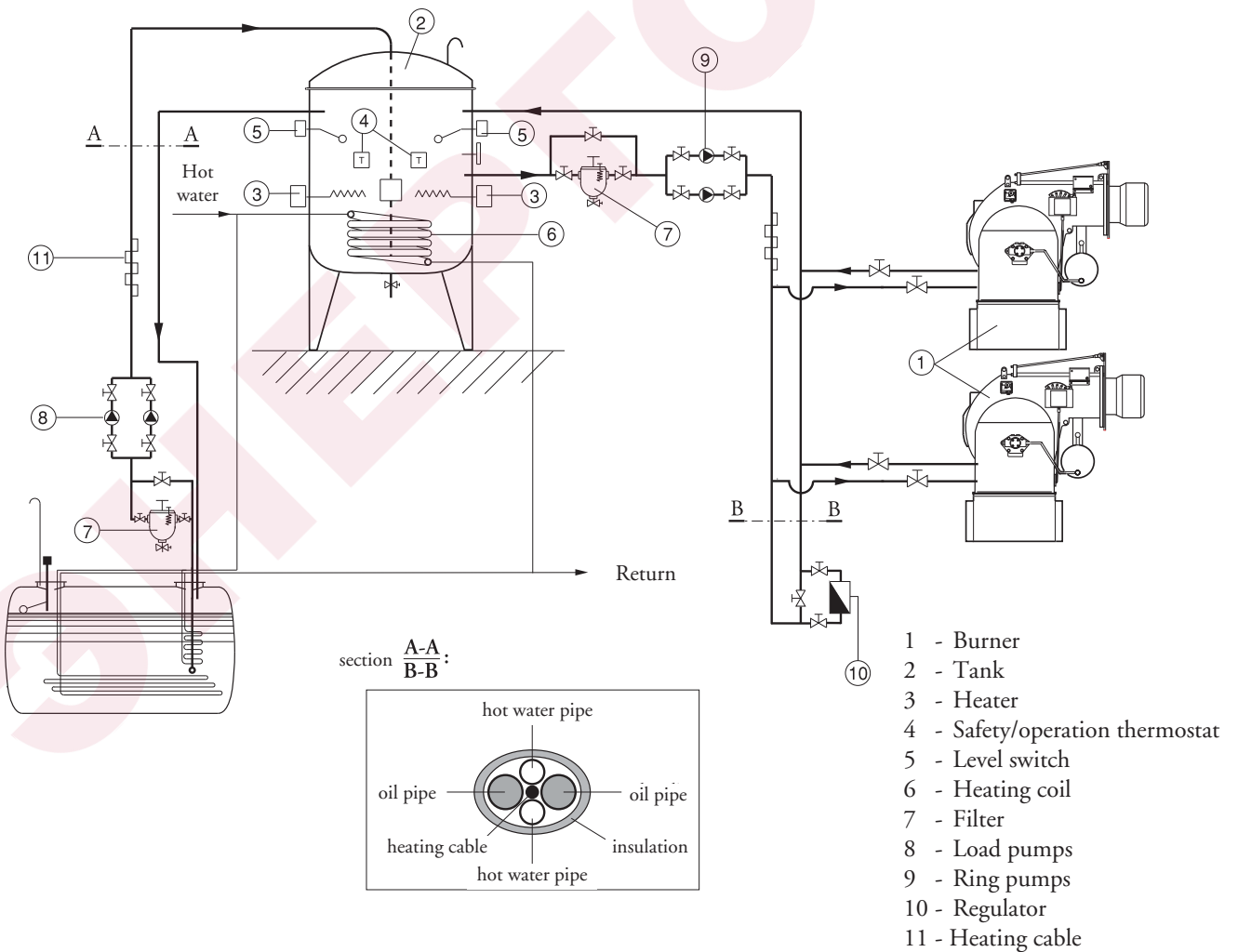
TYPE OF INSTALLATION

The burner must be supplied with oil heating a min. temperature at the pump (50° C).

Drawing for fluid fuel oil up to 50°E at 50°C



Drawing for heavy fuel oil up to 50°E at 50°C



CHECKS TO BE MADE TO ENSURE A PROPER INSTALLATION

Before proceeding with the filling of the fuel system and subsequent burner start up, it is advisable to carry out the following checks:

- Power line must be adequate to system's adsorbed load
- Fuses must be adequate to the system's load
- Boiler's thermostats must have been properly connected
- Voltage and frequency must be within the specified limits
- Fuel type must be the one specified by the burner manufacturer
- Feed piping section must be adequate to the requested fuel flow rate
- Filters, cocks as well as fittings must have been properly installed
- Blast tube length must be the one specified by the boiler manufacturer
- Nozzle's flow rate of the burner must be adequate to boiler's output

BEFORE PROCEEDING WITH THE FILLING OF THE OIL SYSTEM, CHECK THE FOLLOWING POINTS

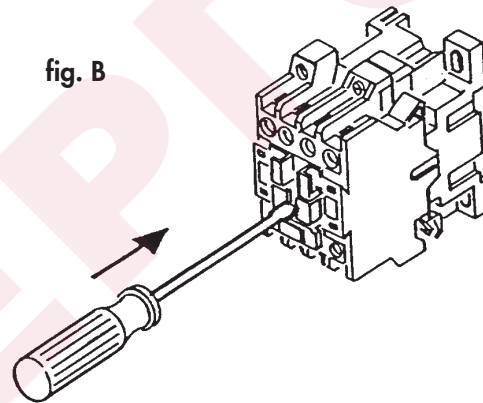
- Motor's direction of rotation (with 3phase version)
- There must be fuel in the tank.
- Fuel cocks must be open.
- Fuel return piping must be free from obstructions.

After having checked all the above items, proceed as follows:

- Connect a fuel pressure gauge.
- Disconnect the resistors power cable from the motor's remote control switch, and insulate it temporarily
- Unplug the safety box
- To press manually with a screwdriver on the pump motor's remote control switch, until the oil system is filled up(fig.5).

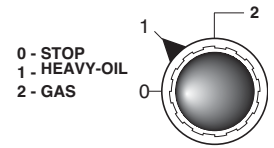
Note: the oil system can be considered filled when pressure gauge will show a constant reading.

When done, restore initial conditions.



MODULATING OPERATION

With the burner in the start position and the appliance thermostats enabled, power is delivered to the resistances (G) of the preheater and heating cartridges for the pumps and the fuel supply line to the head (O). When the preheater thermostat reaches the set value, (usually a minimum of about 90°C is necessary to guarantee a good level of circulation) the pump start-up is enabled (set point on out 1, if using the GEFTRAN 200 thermoregulating device). If the preheating system of the tank is also equipped for a fluid exchanger (hot water, steam, diathermic oil) the thermostat may enable a contact in the terminal block for any stop-start of the fluid electrovalve. This is not a standard solution as the heated fluid is normally always connected. The pump starts to send oil (the head has already been heated by its cartridge (O) and therefore has no residue of cold dense oil) which flows from the tank to the head and then to the return line of the ring. When the head thermostat reaches the set value (usually about 70-30°C the cycle starts properly and the control programmer enables start-up. The servomotor sets itself at minimum (see chapter on regulation) acting on the air and fuel via the pressure regulator on the return.



The electromagnet (A) opens the nozzle (Q) in the following condition :

- sparks from the ignition electrodes are generated by the transformer also governed by the burner control device.

If the cell fails to detect the flame the burner shuts down (with the cyclic control programmer cutting in).

Once ignition has taken place and after the flame stabilisation period, the system starts operating in modulating mode.

- Before start-up make sure that the pump and delivery pipes are completely filled with hot fuel oil; the absence of fuel oil can cause pump seizure.
- If there is a block, a specific warning light on the programmer and on the burner front control board lights up and this signal is usually sent to the main control board of the equipment using the burner, setting off a buzzer and warning light.
- A few blocks are normal on first starting up (up to about 4); to release press the button on the programmer (also found on the front of the burner control board) for repeating the start cycle. Should they continue to occur seek the help of a specialised technician.

N.B. The position of the programmer at the time of the block is memorised to supply an indication of the cause of this block.

OIL DELIVERY ADJUSTMENT

The diagram illustrates the fuel feeding system of these types of burners, which incorporates a by-pass nozzle with oil flow regulation on its return pipe. The oil supply is varied by acting on the nozzle through the pressure in the return line. Max. oil supply is therefore reached when the pressure in the pump line is about 30 bar and the return line is fully closed; min. oil supply when the return line is fully open. Relevant pressure readings in the return line are as follows:

Pump pressure 22-30 bar.

Max Burner output, return oil pressure :

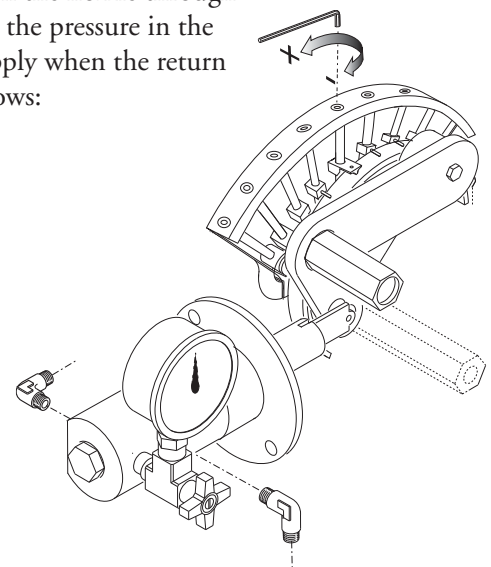
FLUIDICS nozzle : 16 ÷ 19 bar.

BERGONZO nozzle : 20 ÷ 24 bar.

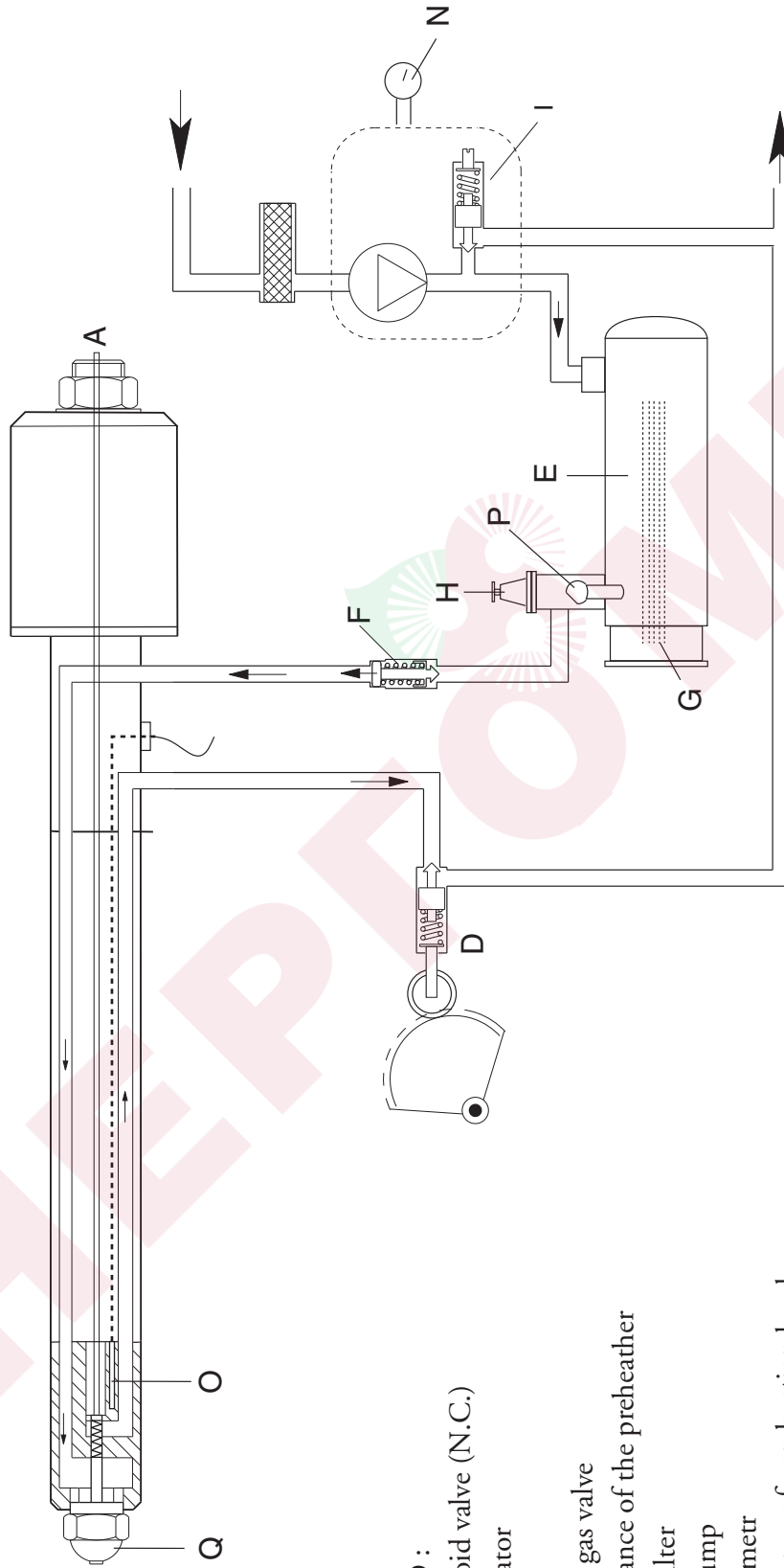
Min Burner output, return oil pressure :

FLUIDICS nozzle : 6 ÷ 9 bar

BERGONZO nozzle : 4 ÷ 8 bar



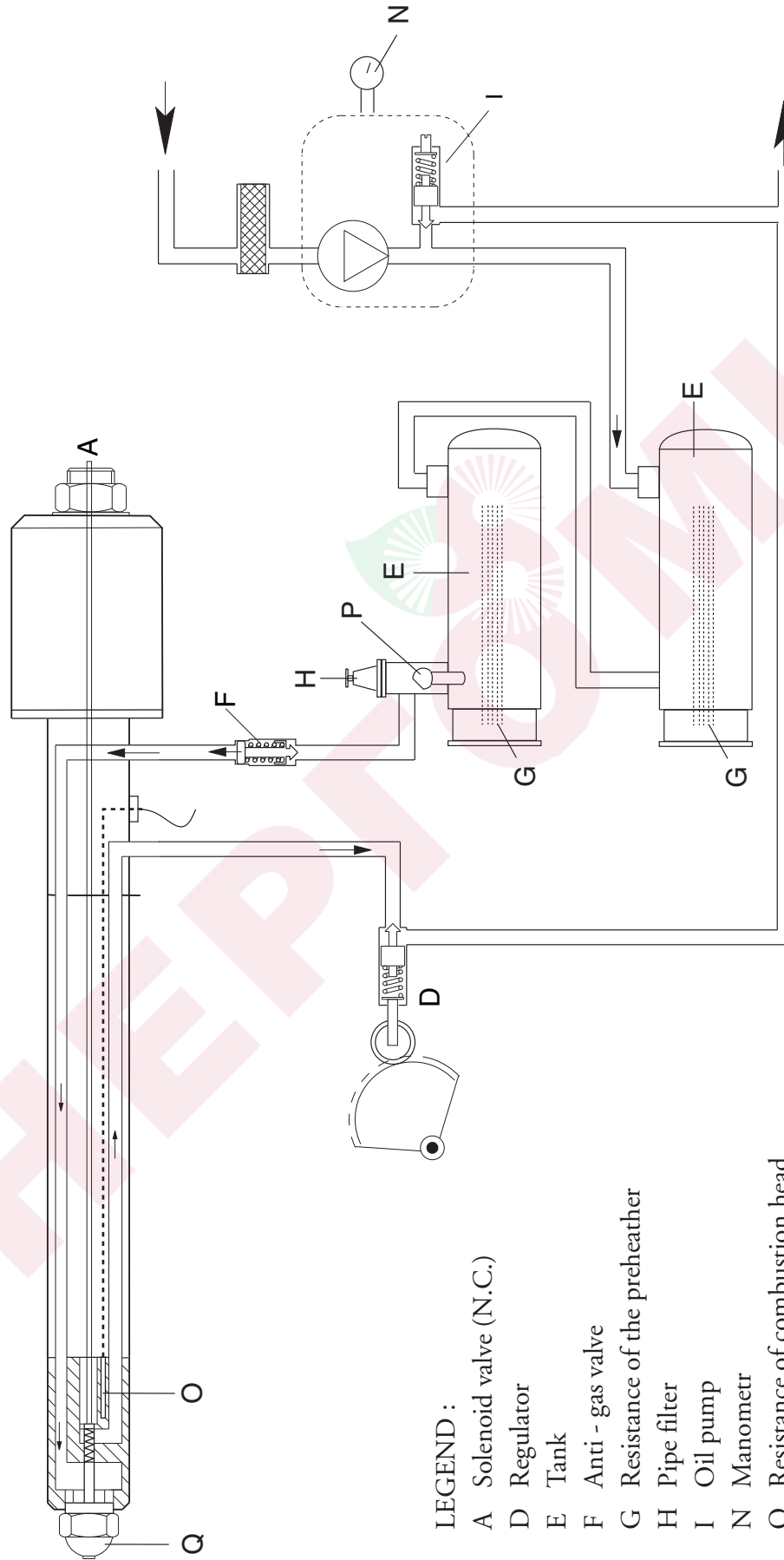
PRE - PURGING PHASE



LEGEND :

- A Solenoid valve (N.C.)
- D Regulator
- E Tank
- F Anti - gas valve
- G Resistance of the preheater
- H Pipe filter
- I Oil pump
- N Manometr
- O Resistance of combustion head
- P Oil temperature sensor
- Q Oil nozzle

PRE - PURGING PHASE



LEGEND :

- A Solenoid valve (N.C.)
- D Regulator
- E Tank
- F Anti - gas valve
- G Resistance of the preheater
- H Pipe filter
- I Oil pump
- N Manometr
- O Resistance of combustion head
- P Oil temperature sensor
- Q Oil nozzle

ADJUSTMENT OF FUEL TEMPERATURE



The display shows oil temperature.

The 4 leds are related to the following functions:

Out 1: contact driving working heaters. Out 2: contact driving upper heaters KMRL1. Out 3: contact driving upper heaters KMRL2. Out 4: Burner start driving contact (as the oil reaches this temp the pump is activated).

- The temperatures are already properly Factory setted :Out 1(113°)- Out 2(115°)- Out 3(120°)- Out 4(105°).

- To modify factory temperature setting act as follows:

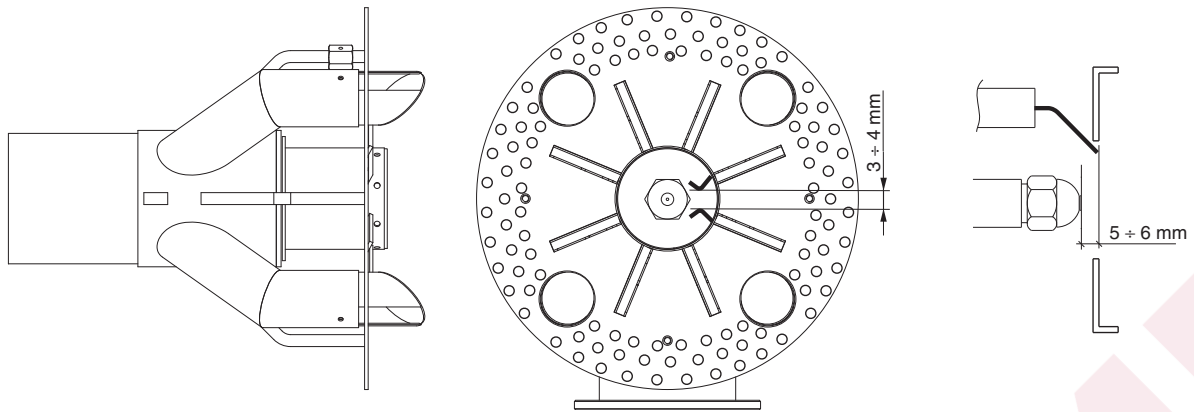
- press key "F"

- the led Out1 starts to flash, if You need to modify minimum oil temperature press increase or decrease button, after confirm the new value pressing again "F"

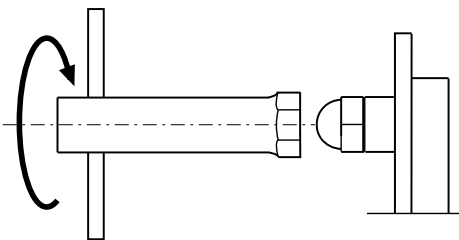
- if You need to modify an other temperature press again "F" untill You the relevant led flashes.

Please take care: if key "F" is pressed for a too long time, You enter in "configuration level" phase1, (see "CF1" on the display); these parameters are Factory setted and they have not to be modified: if You enter this function – You see CF1 flashing on the display – wait 10 seconds untill the regulator automatically goes out from "configuration level".

POSITION OF IGNITION ELECTRODES



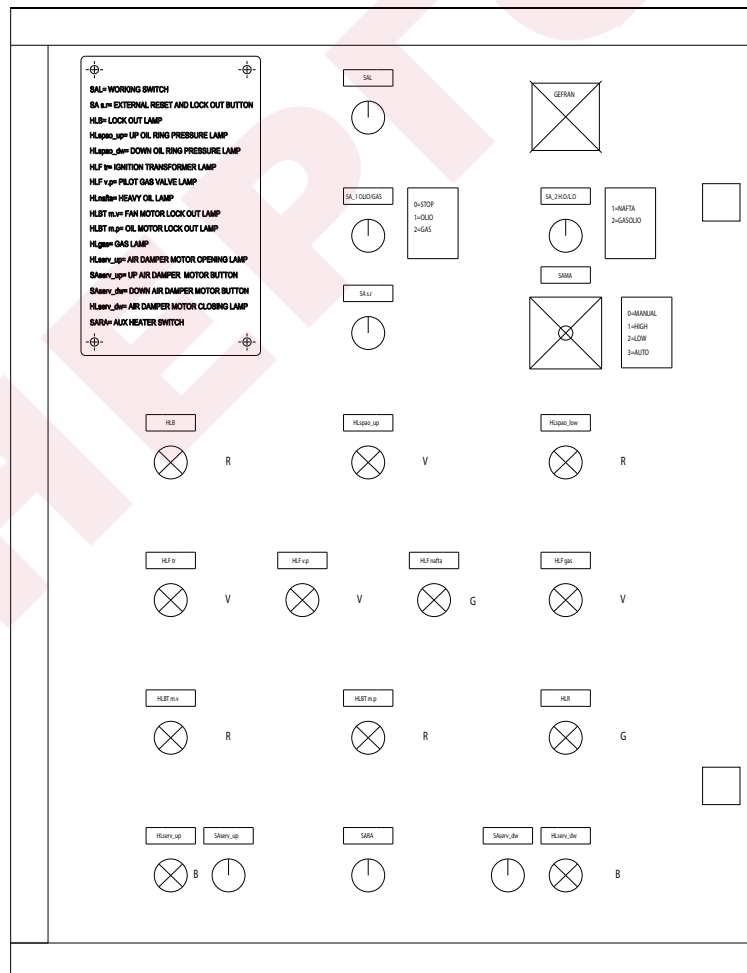
NOZZLE CLEANING AND REPLACEMENT



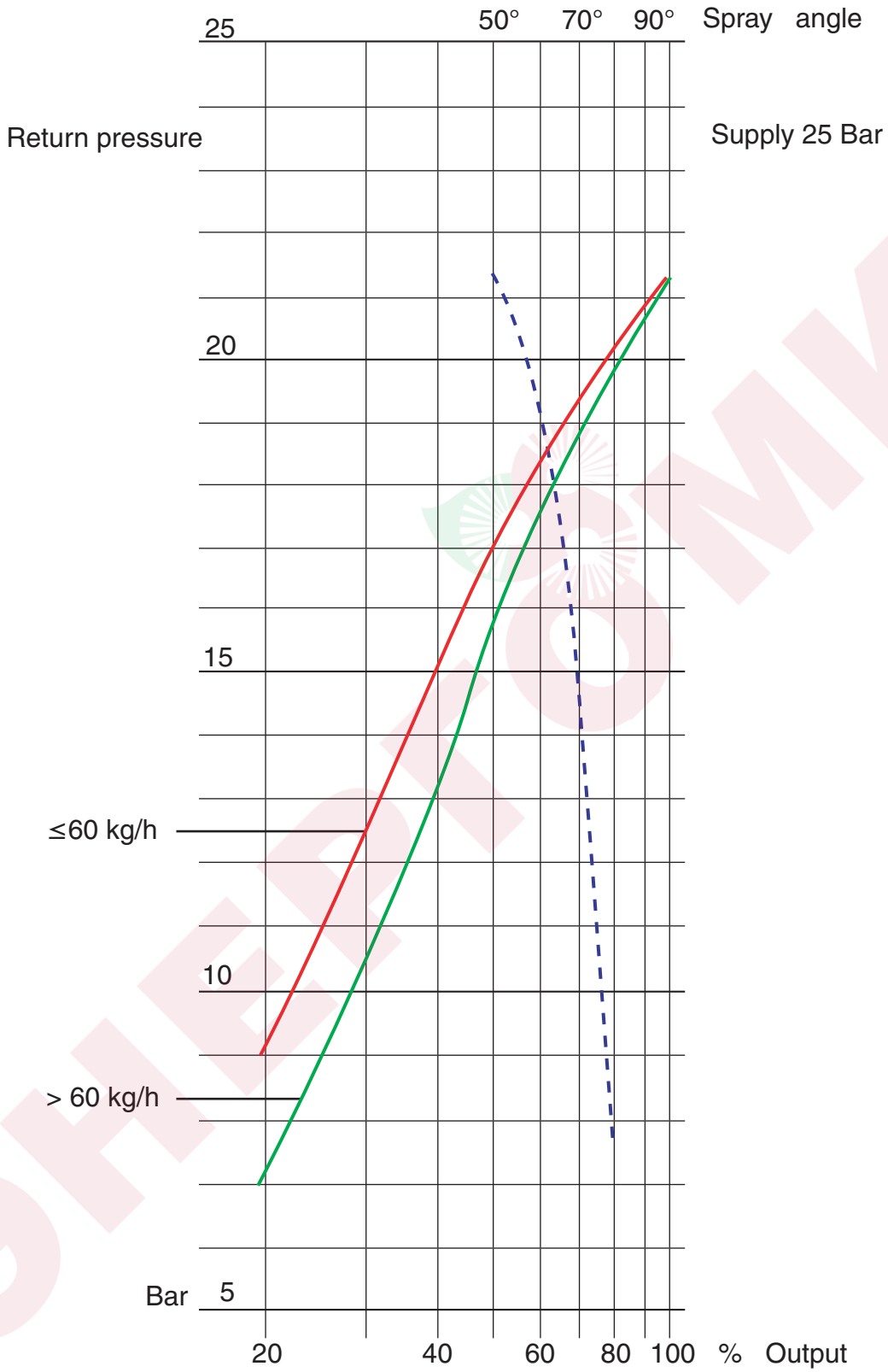
Use only the suitable box wrench provided for this operation to remove the nozzle, taking care to not damage the electrodes. Fit the new nozzle with the same care.

Note: Always check the position of electrodes after having replaced the nozzle (see illustration). A wrong position could cause ignition troubles.

DESCRIPTION OF THE CONTROL PANEL OF THE BURNER



FLUIDICS NOZZLE



BERGONZO NOZZLE TABLE

Pump pressure (bar)

| GPH | Atm | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |
|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 125 | A | 20 | 22 | 23 | 25 | 26 | 27 | 29 | 32 | 34 | 37 | 40 | 44 | 50 | 57 | 65 | 77 | 95 | | | | | | | | | | | | |
| 125 | B | 20 | 285 | 280 | 275 | 274 | 272 | 271 | 245 | 235 | 220 | 205 | 190 | 175 | 160 | 145 | 130 | 115 | | | | | | | | | | | | |
| 125 | A | 25 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 34 | 35 | 37 | 40 | 43 | 45 | 52 | 60 | 68 | 80 | 95 | 115 | | | | | | | |
| 125 | B | 25 | 330 | 328 | 325 | 320 | 315 | 307 | 300 | 285 | 280 | 275 | 260 | 250 | 235 | 220 | 190 | 180 | 170 | 168 | 150 | 135 | | | | | | | | |
| 125 | A | 30 | 25 | 26 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 35 | 37 | 38 | 42 | 43 | 46 | 50 | 54 | 60 | 65 | 72 | 80 | 90 | 108 | 130 | | | |
| 125 | B | 30 | 370 | 365 | 360 | 355 | 350 | 348 | 345 | 340 | 335 | 328 | 320 | 305 | 300 | 290 | 280 | 270 | 260 | 245 | 240 | 225 | 210 | 190 | 180 | 165 | 150 | 130 | | |
| 150 | A | 20 | 30 | 33 | 34 | 35 | 37 | 39 | 43 | 46 | 50 | 55 | 60 | 68 | 75 | 85 | 100 | 120 | | | | | | | | | | | | |
| 150 | B | 20 | 325 | 320 | 315 | 308 | 300 | 290 | 285 | 275 | 260 | 250 | 240 | 220 | 190 | 180 | 160 | 140 | | | | | | | | | | | | |
| 150 | A | 25 | 32 | 33 | 34 | 35 | 37 | 37 | 38 | 42 | 45 | 47 | 50 | 55 | 60 | 65 | 70 | 78 | 83 | 94 | 110 | 120 | 150 | | | | | | | |
| 150 | B | 25 | 375 | 370 | 365 | 363 | 358 | 355 | 350 | 345 | 330 | 320 | 310 | 300 | 285 | 275 | 260 | 250 | 240 | 220 | 195 | 180 | 150 | | | | | | | |
| 150 | A | 30 | 35 | 36 | 36 | 37 | 37 | 39 | 41 | 42 | 45 | 46 | 48 | 50 | 54 | 58 | 62 | 65 | 70 | 75 | 80 | 88 | 95 | 110 | 120 | 140 | 180 | | | |
| 150 | B | 30 | 420 | 420 | 415 | 410 | 405 | 400 | 395 | 390 | 380 | 375 | 365 | 350 | 345 | 340 | 330 | 320 | 300 | 290 | 280 | 270 | 250 | 240 | 220 | 200 | 180 | | | |
| 175 | A | 20 | 35 | 37 | 39 | 42 | 44 | 46 | 48 | 55 | 58 | 62 | 68 | 75 | 84 | 95 | 118 | 155 | | | | | | | | | | | | |
| 175 | B | 20 | 350 | 350 | 349 | 348 | 330 | 325 | 315 | 300 | 290 | 280 | 265 | 248 | 225 | 195 | 175 | 155 | | | | | | | | | | | | |
| 175 | A | 25 | 35 | 36 | 37 | 41 | 42 | 44 | 45 | 47 | 50 | 52 | 58 | 62 | 65 | 70 | 78 | 88 | 95 | 110 | 120 | 140 | 170 | | | | | | | |
| 175 | B | 25 | 395 | 390 | 385 | 382 | 380 | 378 | 370 | 360 | 350 | 348 | 330 | 325 | 315 | 300 | 280 | 275 | 260 | 240 | 225 | 200 | 170 | | | | | | | |
| 175 | A | 30 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 50 | 52 | 55 | 58 | 60 | 62 | 65 | 70 | 72 | 78 | 85 | 90 | 100 | 110 | 118 | 135 | 158 | 190 | | | |
| 175 | B | 30 | 440 | 440 | 435 | 430 | 425 | 420 | 415 | 410 | 408 | 400 | 390 | 380 | 370 | 360 | 350 | 330 | 320 | 300 | 285 | 275 | 260 | 250 | 235 | 220 | 200 | 190 | | |
| 200 | A | 20 | 38 | 40 | 42 | 44 | 47 | 50 | 55 | 60 | 65 | 70 | 80 | 90 | 100 | 120 | 140 | 170 | | | | | | | | | | | | |
| 200 | B | 20 | 400 | 398 | 388 | 380 | 370 | 360 | 350 | 340 | 330 | 320 | 300 | 280 | 275 | 250 | 230 | 210 | | | | | | | | | | | | |
| 200 | A | 25 | 42 | 43 | 43 | 44 | 45 | 47 | 50 | 52 | 55 | 60 | 65 | 70 | 78 | 85 | 95 | 105 | 115 | 130 | 150 | 170 | 220 | | | | | | | |
| 200 | B | 25 | 450 | 448 | 448 | 445 | 440 | 430 | 425 | 412 | 405 | 400 | 390 | 380 | 375 | 360 | 345 | 325 | 315 | 290 | 280 | 260 | 220 | | | | | | | |
| 200 | A | 30 | 48 | 49 | 50 | 51 | 52 | 53 | 55 | 56 | 58 | 60 | 62 | 64 | 68 | 70 | 75 | 80 | 85 | 92 | 100 | 110 | 120 | 130 | 150 | 175 | 200 | | | |
| 200 | B | 30 | 500 | 500 | 495 | 490 | 485 | 480 | 475 | 470 | 460 | 450 | 440 | 430 | 420 | 410 | 395 | 385 | 375 | 350 | 340 | 325 | 315 | 300 | 290 | 275 | 260 | | | |
| 225 | A | 20 | 42 | 43 | 45 | 47 | 48 | 52 | 56 | 60 | 65 | 70 | 80 | 90 | 100 | 115 | 140 | 180 | | | | | | | | | | | | |
| 225 | B | 20 | 420 | 410 | 405 | 400 | 395 | 380 | 375 | 365 | 350 | 345 | 335 | 320 | 300 | 280 | 265 | 250 | | | | | | | | | | | | |
| 225 | A | 25 | 45 | 46 | 47 | 48 | 50 | 52 | 55 | 58 | 60 | 63 | 68 | 73 | 80 | 90 | 98 | 108 | 120 | 140 | 160 | 180 | 225 | | | | | | | |
| 225 | B | 25 | 475 | 468 | 460 | 455 | 450 | 445 | 437 | 425 | 410 | 400 | 380 | 375 | 360 | 350 | 340 | 315 | 300 | 280 | 260 | 240 | | | | | | | | |
| 225 | A | 30 | 50 | 50 | 51 | 52 | 52 | 53 | 54 | 55 | 57 | 60 | 62 | 66 | 68 | 75 | 80 | 88 | 94 | 100 | 110 | 120 | 130 | 140 | 155 | 175 | 200 | 240 | | |
| 225 | B | 30 | 510 | 510 | 505 | 503 | 500 | 495 | 490 | 480 | 470 | 460 | 450 | 440 | 430 | 420 | 410 | 400 | 390 | 380 | 370 | 360 | 350 | 340 | 325 | 310 | 300 | 285 | 275 | |
| 250 | A | 20 | 42 | 44 | 46 | 47 | 50 | 55 | 60 | 65 | 70 | 80 | 90 | 100 | 115 | 140 | 160 | 220 | | | | | | | | | | | | |
| 250 | B | 20 | 425 | 415 | 408 | 403 | 400 | 380 | 375 | 365 | 350 | 338 | 325 | 300 | 280 | 265 | 250 | 240 | | | | | | | | | | | | |
| 250 | A | 25 | 46 | 47 | 49 | 50 | 52 | 55 | 58 | 60 | 63 | 66 | 72 | 78 | 85 | 92 | 100 | 110 | 130 | 140 | 165 | 200 | | | | | | | | |
| 250 | B | 25 | 480 | 475 | 475 | 470 | 465 | 450 | 445 | 440 | 425 | 410 | 400 | 380 | 375 | 355 | 340 | 330 | 310 | 300 | 280 | 275 | | | | | | | | |
| 250 | A | 30 | 52 | 52 | 53 | 54 | 55 | 58 | 60 | 62 | 65 | 68 | 72 | 78 | 82 | 90 | 95 | 105 | 105 | 125 | 135 | 150 | 165 | 180 | 220 | 260 | | | | |
| 250 | B | 30 | 520 | 515 | 515 | 510 | 510 | 505 | 500 | 500 | 490 | 480 | 475 | 460 | 450 | 440 | 430 | 420 | 400 | 380 | 370 | 360 | 350 | 340 | 325 | 310 | 300 | 280 | | |
| 275 | A | 20 | 52 | 53 | 55 | 58 | 60 | 63 | 68 | 75 | 80 | 90 | 100 | 115 | 125 | 150 | 170 | 225 | | | | | | | | | | | | |
| 275 | B | 20 | 540 | 530 | 520 | 510 | 500 | 490 | 475 | 450 | 440 | 420 | 400 | 375 | 350 | 325 | 300 | 275 | | | | | | | | | | | | |
| 275 | A | 25 | 55 | 56 | 57 | 58 | 60 | 64 | 68 | 70 | 75 | 80 | 85 | 95 | 100 | 115 | 125 | 150 | 170 | 190 | 225 | 265 | | | | | | | | |
| 275 | B | 25 | 600 | 600 | 595 | 590 | 580 | 570 | 560 | 550 | 540 | 525 | 510 | 500 | 480 | 460 | 440 | 425 | 400 | 375 | 350 | 325 | 300 | | | | | | | |
| 275 | A | 30 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 70 | 74 | 78 | 82 | 88 | 95 | 100 | 110 | 118 | 125 | 135 | 150 | 165 | 180 | 200 | 240 | 275 | | | |
| 275 | B | 30 | 680 | 675 | 668 | 662 | 658 | 650 | 640 | 630 | 620 | 610 | 600 | 590 | 580 | 565 | 555 | 545 | 525 | 500 | 480 | 460 | 440 | 425 | 400 | 375 | 350 | | | |

output (kg/h)

A= nozzle output B= pump output

BERGONZO NOZZLE TABLE

Pump pressure (bar)

| GPH | Atm | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 300 | A | 20 | 55 | 58 | 60 | 64 | 65 | 70 | 76 | 85 | 92 | 105 | 118 | 135 | 145 | 175 | 200 | 270 | | | | | | | | | | | |
| 300 | B | 20 | 550 | 535 | 525 | 515 | 500 | 485 | 470 | 450 | 430 | 410 | 380 | 375 | 360 | 330 | 310 | 280 | | | | | | | | | | | |
| 300 | A | 25 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 34 | 35 | 37 | 40 | 43 | 45 | 52 | 60 | 68 | 80 | 95 | 115 | | | | | | |
| 300 | B | 25 | 330 | 328 | 325 | 320 | 315 | 307 | 300 | 285 | 280 | 275 | 260 | 250 | 235 | 220 | 190 | 180 | 170 | 168 | 150 | 135 | | | | | | | |
| 300 | A | 30 | 25 | 26 | 26 | 27 | 28 | 28 | 29 | 30 | 31 | 32 | 33 | 35 | 37 | 38 | 42 | 43 | 46 | 50 | 54 | 60 | 65 | 72 | 80 | 90 | 108 | 130 | |
| 300 | B | 30 | 370 | 365 | 360 | 355 | 350 | 348 | 345 | 340 | 335 | 328 | 320 | 305 | 300 | 290 | 280 | 270 | 260 | 245 | 240 | 225 | 210 | 190 | 180 | 165 | 150 | 130 | |
| 325 | A | 20 | 58 | 62 | 65 | 68 | 72 | 78 | 88 | 95 | 110 | 118 | 135 | 150 | 170 | 200 | 240 | 290 | | | | | | | | | | | |
| 325 | B | 20 | 570 | 560 | 550 | 530 | 510 | 500 | 485 | 475 | 450 | 440 | 425 | 400 | 370 | 350 | 330 | 300 | | | | | | | | | | | |
| 325 | A | 25 | 65 | 67 | 69 | 72 | 74 | 75 | 80 | 85 | 90 | 98 | 105 | 115 | 125 | 140 | 160 | 170 | 190 | 225 | 270 | 320 | | | | | | | |
| 325 | B | 25 | 650 | 643 | 638 | 630 | 628 | 620 | 610 | 600 | 590 | 580 | 565 | 540 | 520 | 500 | 475 | 450 | 425 | 400 | 375 | 350 | | | | | | | |
| 325 | A | 30 | 68 | 69 | 70 | 71 | 73 | 75 | 78 | 82 | 88 | 92 | 98 | 105 | 110 | 120 | 130 | 140 | 150 | 165 | 180 | 200 | 225 | 250 | 280 | 320 | 360 | | |
| 325 | B | 30 | 720 | 715 | 710 | 705 | 702 | 700 | 690 | 680 | 670 | 655 | 620 | 610 | 600 | 580 | 570 | 550 | 520 | 500 | 480 | 460 | 440 | 420 | 400 | 380 | | | |
| 350 | A | 20 | 64 | 68 | 70 | 75 | 80 | 90 | 98 | 105 | 118 | 130 | 145 | 160 | 180 | 210 | 250 | 310 | | | | | | | | | | | |
| 350 | B | 20 | 620 | 600 | 590 | 580 | 570 | 550 | 530 | 500 | 480 | 460 | 440 | 420 | 400 | 375 | 360 | 340 | | | | | | | | | | | |
| 350 | A | 25 | 68 | 69 | 70 | 75 | 80 | 85 | 90 | 98 | 105 | 112 | 120 | 130 | 145 | 160 | 170 | 190 | 210 | 240 | 270 | 300 | 350 | | | | | | |
| 350 | B | 25 | 700 | 700 | 690 | 680 | 670 | 660 | 650 | 630 | 610 | 590 | 580 | 550 | 520 | 500 | 480 | 465 | 450 | 430 | 410 | 380 | 360 | | | | | | |
| 350 | A | 30 | 68 | 69 | 70 | 73 | 78 | 82 | 88 | 92 | 98 | 105 | 110 | 120 | 128 | 138 | 145 | 160 | 170 | 190 | 210 | 225 | 250 | 275 | 300 | 350 | 375 | | |
| 350 | B | 30 | 790 | 780 | 770 | 760 | 750 | 740 | 720 | 710 | 700 | 690 | 680 | 665 | 650 | 625 | 610 | 590 | 570 | 550 | 520 | 505 | 490 | 475 | 440 | 425 | 400 | | |
| 375 | A | 20 | 72 | 76 | 82 | 88 | 94 | 105 | 115 | 125 | 140 | 155 | 170 | 195 | 225 | 250 | 300 | | | | | | | | | | | | |
| 375 | B | 20 | 630 | 615 | 600 | 590 | 580 | 565 | 550 | 520 | 490 | 475 | 450 | 425 | 400 | 375 | 360 | | | | | | | | | | | | |
| 375 | A | 25 | 78 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 120 | 130 | 140 | 155 | 170 | 190 | 200 | 230 | 250 | 280 | 325 | 375 | | | | | | | |
| 375 | B | 25 | 700 | 690 | 680 | 670 | 660 | 650 | 640 | 625 | 615 | 600 | 580 | 565 | 550 | 520 | 500 | 480 | 460 | 440 | 420 | 400 | | | | | | | |
| 375 | A | 30 | 90 | 92 | 93 | 95 | 98 | 100 | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 200 | 220 | 240 | 260 | 280 | 320 | 350 | 400 | | | |
| 375 | B | 30 | 800 | 790 | 786 | 778 | 770 | 760 | 750 | 730 | 710 | 700 | 690 | 670 | 650 | 630 | 610 | 600 | 590 | 570 | 550 | 530 | 510 | 490 | 470 | 440 | | | |
| 400 | A | 20 | 85 | 90 | 98 | 105 | 115 | 125 | 135 | 150 | 165 | 185 | 210 | 240 | 270 | 320 | | | | | | | | | | | | | |
| 400 | B | 20 | 610 | 605 | 595 | 585 | 575 | 565 | 550 | 520 | 500 | 480 | 460 | 440 | 420 | 400 | | | | | | | | | | | | | |
| 400 | A | 25 | 85 | 90 | 98 | 104 | 110 | 118 | 125 | 135 | 145 | 155 | 170 | 190 | 200 | 225 | 250 | 280 | 310 | 360 | 400 | | | | | | | | |
| 400 | B | 25 | 710 | 705 | 700 | 695 | 690 | 680 | 670 | 650 | 630 | 610 | 590 | 580 | 560 | 540 | 520 | 500 | 480 | 450 | 425 | | | | | | | | |
| 400 | A | 30 | 100 | 102 | 106 | 110 | 114 | 117 | 120 | 130 | 138 | 148 | 158 | 170 | 180 | 195 | 210 | 230 | 250 | 275 | 300 | 340 | 360 | 400 | 440 | | | | |
| 400 | B | 30 | 800 | 790 | 786 | 778 | 770 | 760 | 750 | 730 | 710 | 700 | 690 | 670 | 650 | 630 | 610 | 600 | 590 | 570 | 550 | 530 | 510 | 490 | 470 | | | | |
| 425 | A | 20 | 78 | 80 | 85 | 90 | 95 | 100 | 110 | 120 | 135 | 150 | 170 | 190 | 220 | 250 | 300 | 350 | | | | | | | | | | | |
| 425 | B | 20 | 700 | 690 | 680 | 670 | 650 | 630 | 615 | 600 | 590 | 570 | 530 | 510 | 490 | 450 | 410 | 380 | | | | | | | | | | | |
| 425 | A | 25 | 85 | 88 | 90 | 93 | 95 | 100 | 105 | 110 | 120 | 130 | 140 | 150 | 165 | 180 | 195 | 225 | 250 | 280 | 325 | 380 | | | | | | | |
| 425 | B | 25 | 750 | 745 | 740 | 730 | 720 | 710 | 700 | 685 | 675 | 665 | 650 | 630 | 610 | 600 | 580 | 560 | 540 | 515 | 490 | 430 | | | | | | | |
| 425 | A | 30 | 91 | 92 | 94 | 96 | 98 | 99 | 100 | 104 | 110 | 118 | 128 | 138 | 145 | 158 | 168 | 180 | 195 | 210 | 235 | 260 | 280 | 320 | 350 | 400 | 450 | | |
| 425 | B | 30 | 820 | 816 | 812 | 808 | 804 | 800 | 790 | 780 | 770 | 760 | 750 | 740 | 730 | 720 | 710 | 695 | 680 | 650 | 625 | 600 | 590 | 570 | 540 | 515 | 490 | | |
| 450 | A | 20 | 86 | 90 | 94 | 98 | 105 | 115 | 125 | 135 | 150 | 170 | 195 | 225 | 250 | 280 | 340 | 380 | | | | | | | | | | | |
| 450 | B | 20 | 700 | 685 | 660 | 645 | 635 | 620 | 605 | 585 | 570 | 545 | 530 | 515 | 490 | 470 | 440 | 410 | | | | | | | | | | | |
| 450 | A | 25 | 92 | 95 | 100 | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 165 | 175 | 190 | 210 | 230 | 260 | 280 | 325 | 375 | 425 | | | | | | | |
| 450 | B | 25 | 805 | 800 | 790 | 775 | 760 | 745 | 730 | 715 | 700 | 690 | 670 | 650 | 625 | 605 | 580 | 560 | 540 | 520 | 500 | 480 | | | | | | | |
| 450 | A | 30 | 100 | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 220 | 240 | 260 | 280 | 310 | 350 | 380 | 425 | 475 | | | |
| 450 | B | 30 | 860 | 856 | 850 | 842 | 834 | 826 | 818 | 810 | 790 | 760 | 750 | 740 | 730 | 720 | 700 | 680 | 660 | 640 | 620 | 600 | 580 | 540 | 520 | 500 | | | |

A= nozzle output B= pump output

output (kg/h)

BERGONZO NOZZLE TABLE

| | | Pump pressure (bar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|--|
| GPH | Atm | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |
| GPH | Atm | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | |
| 475 | A | 20 | 82 | 88 | 95 | 100 | 110 | 120 | 130 | 145 | 160 | 170 | 195 | 225 | 260 | 300 | 360 | | | | | | | | | | | | | |
| 475 | B | 20 | 800 | 780 | 760 | 740 | 720 | 700 | 680 | 655 | 625 | 600 | 580 | 560 | 520 | 480 | 440 | | | | | | | | | | | | | |
| 475 | A | 25 | 98 | 102 | 108 | 112 | 116 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 195 | 225 | 250 | 275 | 300 | 350 | 400 | 475 | | | | | | | | |
| 475 | B | 25 | 910 | 905 | 900 | 880 | 860 | 840 | 820 | 800 | 780 | 750 | 730 | 710 | 690 | 670 | 650 | 620 | 590 | 560 | 530 | 500 | | | | | | | | |
| 475 | A | 30 | 104 | 107 | 110 | 113 | 117 | 120 | 125 | 135 | 145 | 155 | 163 | 170 | 180 | 190 | 200 | 225 | 250 | 275 | 300 | 325 | 360 | 390 | 440 | 480 | | | | |
| 475 | B | 30 | 1000 | 990 | 975 | 965 | 945 | 930 | 915 | 900 | 880 | 860 | 840 | 820 | 800 | 780 | 760 | 730 | 700 | 680 | 660 | 640 | 620 | 590 | 460 | | | | | |
| 500 | A | 20 | 94 | 102 | 106 | 113 | 120 | 130 | 150 | 170 | 190 | 210 | 230 | 250 | 280 | 325 | 380 | | | | | | | | | | | | | |
| 500 | B | 20 | 800 | 780 | 760 | 740 | 720 | 710 | 680 | 660 | 640 | 610 | 580 | 560 | 520 | 500 | 475 | | | | | | | | | | | | | |
| 500 | A | 25 | 100 | 104 | 108 | 116 | 120 | 130 | 140 | 150 | 160 | 170 | 190 | 210 | 230 | 250 | 270 | 325 | 350 | 400 | 475 | | | | | | | | | |
| 500 | B | 25 | 900 | 895 | 880 | 865 | 850 | 845 | 830 | 815 | 800 | 780 | 750 | 720 | 700 | 670 | 650 | 620 | 600 | 580 | 550 | | | | | | | | | |
| 500 | A | 30 | 110 | 113 | 117 | 120 | 125 | 130 | 135 | 140 | 150 | 160 | 170 | 180 | 190 | 220 | 250 | 280 | 250 | 300 | 325 | 350 | 380 | 425 | 480 | 520 | | | | |
| 500 | B | 30 | 1000 | 990 | 980 | 970 | 960 | 950 | 940 | 925 | 910 | 900 | 880 | 860 | 840 | 820 | 800 | 775 | 750 | 725 | 700 | 775 | 750 | 725 | 600 | 575 | | | | |
| 575 | A | 20 | 105 | 110 | 115 | 125 | 135 | 150 | 160 | 180 | 200 | 230 | 265 | 300 | 350 | 425 | 500 | | | | | | | | | | | | | |
| 575 | B | 20 | 910 | 900 | 890 | 870 | 830 | 800 | 780 | 750 | 720 | 690 | 670 | 640 | 600 | 580 | 530 | | | | | | | | | | | | | |
| 575 | A | 25 | 110 | 113 | 115 | 125 | 130 | 140 | 150 | 160 | 170 | 190 | 210 | 230 | 260 | 300 | 340 | 375 | 425 | 500 | 550 | | | | | | | | | |
| 575 | B | 25 | 1000 | 990 | 975 | 960 | 950 | 930 | 910 | 890 | 870 | 850 | 830 | 800 | 780 | 750 | 720 | 700 | 670 | 630 | 600 | | | | | | | | | |
| 575 | A | 30 | 120 | 122 | 125 | 127 | 130 | 135 | 140 | 145 | 155 | 165 | 180 | 195 | 210 | 230 | 250 | 280 | 300 | 340 | 375 | 420 | 475 | 530 | 600 | | | | | |
| 575 | B | 30 | 1190 | 1170 | 1150 | 1120 | 1100 | 1080 | 1050 | 1020 | 1000 | 990 | 975 | 965 | 950 | 920 | 900 | 880 | 850 | 820 | 800 | 770 | 740 | 700 | 680 | | | | | |
| 600 | A | 20 | 115 | 120 | 130 | 140 | 150 | 165 | 180 | 200 | 225 | 250 | 280 | 325 | 375 | 440 | | | | | | | | | | | | | | |
| 600 | B | 20 | 920 | 900 | 890 | 850 | 820 | 800 | 780 | 760 | 740 | 710 | 690 | 670 | 650 | 610 | | | | | | | | | | | | | | |
| 600 | A | 25 | 120 | 125 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 220 | 240 | 260 | 280 | 330 | 370 | 410 | 460 | 530 | | | | | | | | | | |
| 600 | B | 25 | 1050 | 1030 | 1010 | 1000 | 990 | 980 | 960 | 940 | 920 | 900 | 880 | 840 | 810 | 790 | 760 | 730 | 700 | 680 | | | | | | | | | | |
| 600 | A | 30 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 185 | 200 | 220 | 240 | 250 | 270 | 290 | 310 | 340 | 370 | 400 | 450 | 500 | 550 | 640 | | | | | |
| 600 | B | 30 | 1120 | 1115 | 1110 | 1105 | 1100 | 1095 | 1090 | 1085 | 1075 | 1050 | 1020 | 1000 | 980 | 960 | 940 | 920 | 900 | 880 | 850 | 825 | 800 | 780 | 720 | | | | | |
| 650 | A | 20 | 120 | 130 | 140 | 155 | 165 | 180 | 190 | 220 | 240 | 270 | 320 | 370 | 425 | 510 | | | | | | | | | | | | | | |
| 650 | B | 20 | 990 | 950 | 920 | 900 | 890 | 870 | 850 | 800 | 780 | 760 | 710 | 680 | 660 | 620 | | | | | | | | | | | | | | |
| 650 | A | 25 | 130 | 135 | 140 | 145 | 150 | 165 | 175 | 190 | 200 | 225 | 250 | 270 | 300 | 330 | 370 | 420 | 475 | 580 | | | | | | | | | | |
| 650 | B | 25 | 1100 | 1090 | 1080 | 1060 | 1040 | 1000 | 990 | 970 | 945 | 920 | 900 | 880 | 850 | 820 | 800 | 780 | 750 | 720 | | | | | | | | | | |
| 650 | A | 30 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 185 | 200 | 210 | 230 | 250 | 270 | 290 | 310 | 340 | 370 | 400 | 450 | 500 | 580 | 650 | | | | | | |
| 650 | B | 30 | 1200 | 1195 | 1190 | 1185 | 1175 | 1150 | 1120 | 1100 | 1085 | 1065 | 1045 | 1020 | 1000 | 980 | 960 | 940 | 920 | 900 | 880 | 845 | 815 | 770 | | | | | | |
| 700 | A | 20 | 130 | 140 | 155 | 170 | 180 | 200 | 230 | 250 | 280 | 325 | 375 | 425 | 500 | 630 | | | | | | | | | | | | | | |
| 700 | B | 20 | 1000 | 980 | 960 | 940 | 920 | 900 | 880 | 850 | 830 | 800 | 780 | 740 | 700 | 680 | | | | | | | | | | | | | | |
| 700 | A | 25 | 140 | 145 | 150 | 160 | 170 | 190 | 200 | 225 | 250 | 275 | 300 | 325 | 360 | 400 | 450 | 525 | 600 | 700 | | | | | | | | | | |
| 700 | B | 25 | 1150 | 1130 | 1110 | 1100 | 1080 | 1060 | 1040 | 1020 | 1000 | 980 | 960 | 940 | 920 | 900 | 870 | 840 | 810 | 780 | | | | | | | | | | |
| 700 | A | 30 | 150 | 155 | 160 | 170 | 180 | 190 | 200 | 215 | 230 | 250 | 270 | 290 | 320 | 345 | 370 | 400 | 440 | 480 | 540 | 600 | 680 | 780 | | | | | | |
| 700 | B | 30 | 1250 | 1240 | 1230 | 1220 | 1210 | 1200 | 1180 | 1160 | 1140 | 1120 | 1100 | 1080 | 1060 | 1040 | 1020 | 1000 | 970 | 940 | 910 | 890 | 870 | 850 | | | | | | |
| 750 | A | 25 | 150 | 155 | 160 | 170 | 175 | 185 | 195 | 200 | 225 | 240 | 260 | 280 | 320 | 350 | 375 | 400 | 500 | 600 | 750 | | | | | | | | | |
| 750 | B | 25 | 1200 | 1180 | 1160 | 1140 | 1120 | 1100 | 1080 | 1060 | 1040 | 1020 | 1000 | 980 | 965 | 950 | 930 | 910 | 900 | 880 | 850 | 820 | | | | | | | | |
| 800 | A | 25 | 160 | 165 | 170 | 175 | 185 | 190 | 210 | 225 | 250 | 270 | 290 | 325 | 350 | 400 | 480 | 580 | 680 | 800 | | | | | | | | | | |
| 800 | B | 25 | 1230 | 1215 | 1200 | 1180 | 1140 | 1120 | 1100 | 1080 | 1050 | 1020 | 1000 | 980 | 960 | 940 | 920 | 900 | 890 | 870 | | | | | | | | | | |
| 900 | A | 25 | 300 | 325 | 350 | 375 | 400 | 430 | 470 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | | | | | | | | | | | | |
| 900 | B | 25 | 1350 | 1330 | 1310 | 1300 | 1285 | 1275 | 1260 | 1245 | 1230 | 1215 | 1200 | 1180 | 1160 | 1140 | 1100 | 970 | | | | | | | | | | | | |

A= nozzle output B= pump output

MAINTENANCE**YEARLY CHECKS**

The burner's periodical check (firing head, electrodes etc.) must be carried out by authorised personnel one or two times per year, depending on the utilisation. Before going on with the maintenance controls of the burner, it should be advisable to check its general conditions, according to the following steps:

Unplug the burner; close the fuel cock; shut down the gas supply; remove burner's cover and clean the fan and air intake; clean the firing head and check the electrode's position; reassemble all the parts; check the connection's sealing; check the chimney; start the burner and check the combustion flue ($CO_2 = 9.5 \div 9.8$; $O =$ lower than 75 ppm).

BEFORE EVERY INTERVENTION CHECK:

The electric system is duly powered and the burner is plugged in.

The gas pressure must be the suitable one and the gas cock open.

The control devices must be properly connected.

When all the above conditions are met, start the burner by pressing the lockout enable pushbutton.

Check the burner's cycle.

THE BURNER DOES NOT START:

Check the ON/OFF switch, the thermostats, the motor and the gas pressure.

The master switch is in position "0". Fuses are blown out.

The control box is faulty.

THE BURNER RUNS THE PREPURGING AND SWITCHES TO LOCKOUT AT THE END OF CYCLE:

Check the fan and the air pressure.

Check the air pressure switch.

Control box faulty. Ignition transformer faulty.

Check the ignition cable. Electrodes are dirty or in wrong position.

Nozzles are clogged or worn. Filters are clogged. Heavy-oil pressure is too low.

Combustion air's flow rate too high related to nozzle output.

THE BURNER RUNS THE PREPURGING BUT DOES NOT IGNITE:

Check the position of the electrodes; check the ignition cable;

Check the ignition transformer;

Check the control box.

THE BURNERS IGNITES BUT SWITCHES TO LOCKOUT AFTER THE SAFETY TIME:

Check phase and neutral for a correct connection.

Check gas solenoid valve.

Check the position of UV cell and its connection.

Check the control box.

Check nozzles (clogged or worn).

The UV cell does not detect the flame.

The filters are clogged.

Heavy-oil pressure too low.

Combustion air's flow rate too high related to nozzle output.

THE BURNERS IGNITES BUT SWITCHES TO LOCKOUT AFTER FEW MOMENTS:

Check gas governor and gas filter.

Check gas pressure through a manometer.

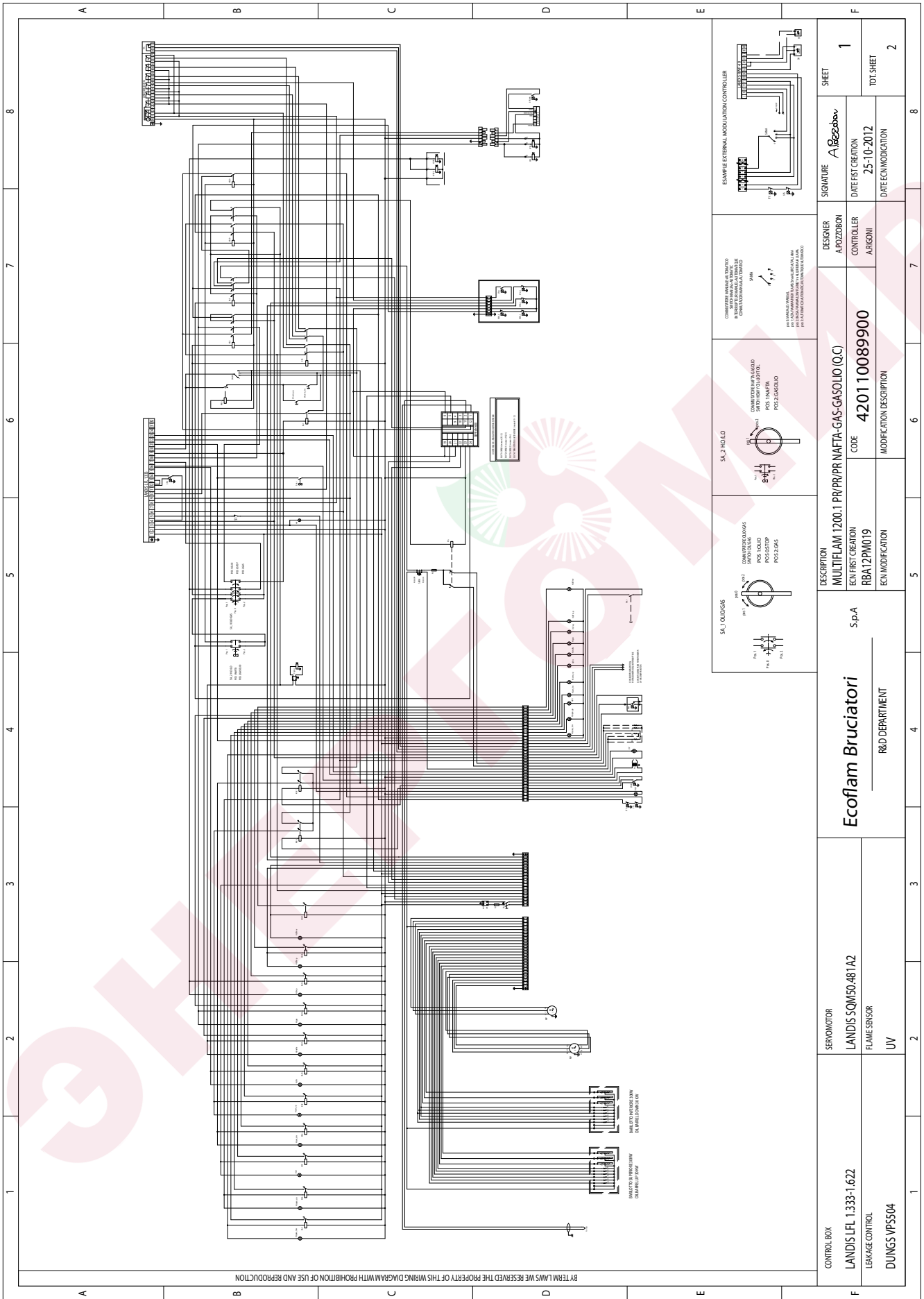
Check detector current value (min. 70 μA).

THE BURNER DOES NOT SWITCHES TO HIGH FLAME:

Manual selector switch in wrong position.

Faulty control box.

High flame solenoid valve's coils faulty.

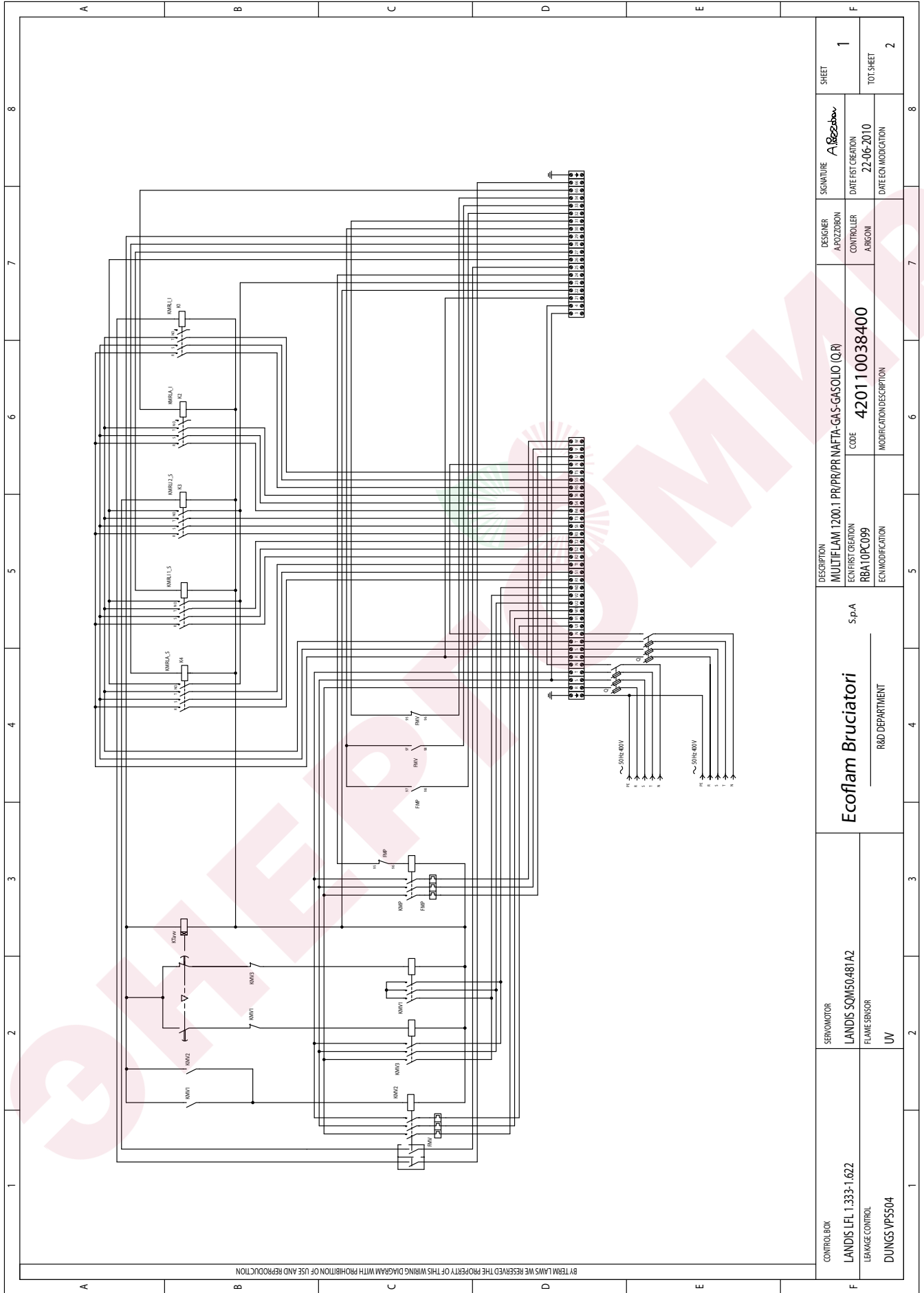


BY TERM LAWS WE RESERVED THE PROPERTY OF THIS WIRING DIAGRAM WITH PROHIBITION OF USE AND REPRODUCTION

| | | | | | |
|---------------------------------------|--------------------------------|--|--------------------------|--|-----------------------|
| CONTROL BOX LANDIS LFL 1.333-1.622 | SERVMOTOR LANDIS SQM50.48/2 | DESCRIPTION MULTIFLAM 1200.1 PR/PR/PR NAFTA-GAS-GASOLIO (Q.C) | DESIGNER A.FOZZOBON | DESIGNER SIGNATURE <i>A. Fozzobon</i> | SHEET 1 |
| LEAKAGE CONTROL DUNGS VP5504 | FLAME SENSOR UV | ECN FIRST CREATION RBA12PM019 | CONTROLLER A. RIGONI | DATE FIRST CREATION 25-10-2012 | TOT. SHEET 2 |
| | | ECN MODIFICATION | MODIFICATION DESCRIPTION | | DATE ECN MODIFICATION |
| Ecoflam Bruciatori | | CODE 420110089900 | | | |
| S.p.A | | R&D DEPARTMENT | | | |

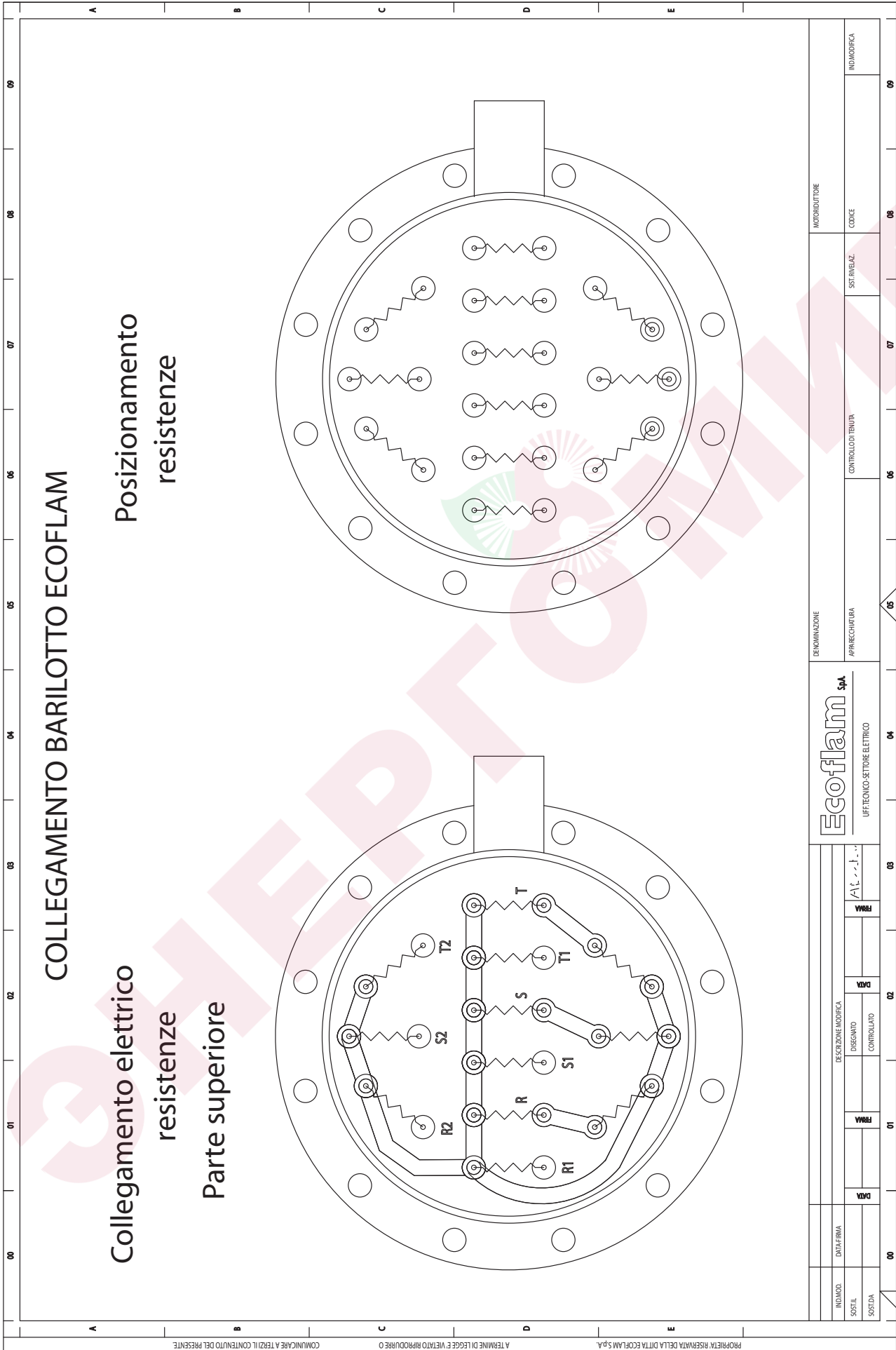
BY TERM LAWS WE RESERVE THE PROPERTY OF THIS WIRING DIAGRAM WITH PROHIBITION OF USE AND REPRODUCTION

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-----------------------|--|-----------------|-----------------------------|--------------|---|---|---|--|--|------------|--|-----|--|---|--|-------------|--|------------|--|---------|---|-------|--|--------|---|----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|-----|-----------------------|---|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|--|-----|---|----|---|-----|---|-------|---|-----|--|----|--|-------|--|-----|--|----|--|-----|---|------|---|------|---|---|--|------|---------------|------|--|------|---|-------|---|-------|---|-----|--|---------|--|-----------|--|----|--|-----|--|----|-----------------------------------|-----|---|----|----------------------|-----|---|----------|---|-----------|---|---|-------------|--|-------------------|------------|------------------|--|---|----------|-------------|------------|-------|---------------------|------------|-----------------------|--|--|-------|---|------------|---|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Z</td><td>FILTRO ANTIDUSTURIO ANTIKIMMIGELTER FILTRIDE PROIBICION ANTIQUILIBRIO</td></tr> <tr><td>UV</td><td>FOTORESISTENZA PHOTORESISTOR FOTORESISTENCIA</td></tr> <tr><td>FU</td><td>FUSIBILE FUSE FUZIBLE</td></tr> <tr><td>RA</td><td>RESISTENZA AGLIURTI RESISTENCIA AULIURTA RESISTENCIA AULIURTA</td></tr> <tr><td>HLB</td><td>LAMPADA DI BLOCCO LAMPAS DE BLOCOS ESPALDE BLOCOS</td></tr> <tr><td>HLF</td><td>LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO</td></tr> <tr><td>HUF</td><td>LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO</td></tr> <tr><td>HUP</td><td>LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO</td></tr> <tr><td>HUG</td><td>LAMPADA DI INDOUMENTO ELETTRICILLO/LAMPADA PILO GAS WA/LAMP</td></tr> <tr><td>HUR</td><td>LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT INDOUMENTO</td></tr> <tr><td>HURM_damp</td><td>LAMPADA CHISURA SERVOMOTORE AR DAMP MOTOR/GASING LAMP</td></tr> <tr><td>HURM_op</td><td>LAMPADA APERTURA SERVOMOTORE AR DAMPER MOTOR /OPENING LAMP</td></tr> <tr><td>HURlp</td><td>LAMPADA BLOCCO TERMO MOTOR /VENTILATORE FAN MOTOR LOCK OUT LAMP</td></tr> <tr><td>HURlpw</td><td>LAMPADA BLOCCO TERMO MOTOR/POWER OIL PUMP MOTOR LOCK OUT</td></tr> <tr><td>KA</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA1</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA2</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA3</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA4</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA5</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA6</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA7</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA8</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA9</td><td>RELE RELAY RELÉ</td></tr> </table> | Z | FILTRO ANTIDUSTURIO ANTIKIMMIGELTER FILTRIDE PROIBICION ANTIQUILIBRIO | UV | FOTORESISTENZA PHOTORESISTOR FOTORESISTENCIA | FU | FUSIBILE FUSE FUZIBLE | RA | RESISTENZA AGLIURTI RESISTENCIA AULIURTA RESISTENCIA AULIURTA | HLB | LAMPADA DI BLOCCO LAMPAS DE BLOCOS ESPALDE BLOCOS | HLF | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO | HUF | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO | HUP | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO | HUG | LAMPADA DI INDOUMENTO ELETTRICILLO/LAMPADA PILO GAS WA/LAMP | HUR | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT INDOUMENTO | HURM_damp | LAMPADA CHISURA SERVOMOTORE AR DAMP MOTOR/GASING LAMP | HURM_op | LAMPADA APERTURA SERVOMOTORE AR DAMPER MOTOR /OPENING LAMP | HURlp | LAMPADA BLOCCO TERMO MOTOR /VENTILATORE FAN MOTOR LOCK OUT LAMP | HURlpw | LAMPADA BLOCCO TERMO MOTOR/POWER OIL PUMP MOTOR LOCK OUT | KA | RELE RELAY RELÉ | KA1 | RELE RELAY RELÉ | KA2 | RELE RELAY RELÉ | KA3 | RELE RELAY RELÉ | KA4 | RELE RELAY RELÉ | KA5 | RELE RELAY RELÉ | KA6 | RELE RELAY RELÉ | KA7 | RELE RELAY RELÉ | KA8 | RELE RELAY RELÉ | KA9 | RELE RELAY RELÉ | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>KA10</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA11</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA12</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA13</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA14</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA15</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA16</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA17</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA18</td><td>RELE RELAY RELÉ</td></tr> <tr><td>KA19</td><td>RELE RELAY RELÉ</td></tr> <tr><td>ST08</td><td>TERMINATOIO DI SICUREZZA SECURITY THERMIST TERMOSTATO DE SEGURIDAD/SENSORS</td></tr> <tr><td>ST5</td><td>TERMINATOIO DI SICUREZZA SAFETY THERMIST TERMINATOIO DE SEGURIDAD/SENSORS</td></tr> <tr><td>TV</td><td>TRASFORMATORE TRANSFORMER TRANSFORMADOR</td></tr> <tr><td>YMP</td><td>ELETTROVALVOLA GAS PILOTA ELECTRONIC GAS VALVE ELECTRONIC VALVE</td></tr> <tr><td>YMG-U</td><td>SCHEMBO CHI SURTA UGELLO GAS SHUT-OFF SOLING</td></tr> <tr><td>YMS</td><td>ELETTROVALVOLA GAS SICUREZZA ELECTRONIC GAS VALVE ELECTRONIC GAS VALVE</td></tr> <tr><td>YG</td><td>ELETTROVALVOLA GAS ELECTRONIC GAS VALVE</td></tr> <tr><td>YQmin</td><td>PRESSOSTATO GAS GAS PRESSURE SWITCH MIN</td></tr> <tr><td>YQp</td><td>PRESSOSTATO GAS ALTO GAS PRESSURE SWITCH HIGH</td></tr> <tr><td>YP</td><td>RESISTENZA COMPA PUMP RESISTOR RESISTENCIA COMPA</td></tr> <tr><td>YAL</td><td>INTERRUTTORE DI ANIMA WORKING SWITCH INTERFUTORE DE ANIMA</td></tr> <tr><td>YAMA</td><td>COMULATORE MANUALE AUTOMATICO SWITCH MANUAL AUTOMATIC COMULATORE MANUALE AUTOMATICO</td></tr> <tr><td>YLA1</td><td>TERMINATOIO DI LAVORO INFERIORE WORKING THERMIST TERMINATOIO DE TRABAJO</td></tr> </table> | KA10 | RELE RELAY RELÉ | KA11 | RELE RELAY RELÉ | KA12 | RELE RELAY RELÉ | KA13 | RELE RELAY RELÉ | KA14 | RELE RELAY RELÉ | KA15 | RELE RELAY RELÉ | KA16 | RELE RELAY RELÉ | KA17 | RELE RELAY RELÉ | KA18 | RELE RELAY RELÉ | KA19 | RELE RELAY RELÉ | ST08 | TERMINATOIO DI SICUREZZA SECURITY THERMIST TERMOSTATO DE SEGURIDAD/SENSORS | ST5 | TERMINATOIO DI SICUREZZA SAFETY THERMIST TERMINATOIO DE SEGURIDAD/SENSORS | TV | TRASFORMATORE TRANSFORMER TRANSFORMADOR | YMP | ELETTROVALVOLA GAS PILOTA ELECTRONIC GAS VALVE ELECTRONIC VALVE | YMG-U | SCHEMBO CHI SURTA UGELLO GAS SHUT-OFF SOLING | YMS | ELETTROVALVOLA GAS SICUREZZA ELECTRONIC GAS VALVE ELECTRONIC GAS VALVE | YG | ELETTROVALVOLA GAS ELECTRONIC GAS VALVE | YQmin | PRESSOSTATO GAS GAS PRESSURE SWITCH MIN | YQp | PRESSOSTATO GAS ALTO GAS PRESSURE SWITCH HIGH | YP | RESISTENZA COMPA PUMP RESISTOR RESISTENCIA COMPA | YAL | INTERRUTTORE DI ANIMA WORKING SWITCH INTERFUTORE DE ANIMA | YAMA | COMULATORE MANUALE AUTOMATICO SWITCH MANUAL AUTOMATIC COMULATORE MANUALE AUTOMATICO | YLA1 | TERMINATOIO DI LAVORO INFERIORE WORKING THERMIST TERMINATOIO DE TRABAJO | <p style="text-align: center;">REGOLAZIONE CAMME PER MULTIFLAM 1200.1 PR/PR</p> <p style="text-align: center;">I. CAMMA DI REGOLAZIONE PER LA MASSIMA FANNA MINIMA WPTA GASOLO II. CAMMA DI REGOLAZIONE PER LA MASSIMA FANNA MINIMA WPTA GASOLO III. CAMMA DI REGOLAZIONE PER L'ACCENSIONE GAS IV. CAMMA DI REGOLAZIONE PER L'ACCENSIONE GAS V. CAMMA DI REGOLAZIONE PER L'ACCENSIONE GAS VI. CAMMA DI REGOLAZIONE PER LA MASSIMA FANNA WPTA GASOLO VII. CAMMA DI REGOLAZIONE PER LA MASSIMA FANNA GAS VIII. CAMMA NON UTILIZZATA</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>MA20</td><td>RELE RELAY</td></tr> <tr><td>VMP5</td><td>ELETTROVALVOLA GAS PILOTA DI SICUREZZA ELECTRONIC VALVE ELECTRONIC GAS VALVE</td></tr> <tr><td>ST11</td><td>TERMINATOIO DI LIVELLO AUTOMATICO AUTOMATIC LEVEL THERMIST</td></tr> <tr><td>STXLS</td><td>TERMINATOIO DI SICUREZZA RESISTENZA SUPERIORE SUPERIOR SECURITY RESISTANCE</td></tr> <tr><td>STXLJ</td><td>TERMINATOIO DI SICUREZZA RESISTENZA INFERIORE INFERIOR SECURITY RESISTANCE</td></tr> <tr><td>S4r</td><td>PULSANTE DI SICUREZZA SAFETY BUTTON</td></tr> <tr><td>S4r_wup</td><td>PULSANTE DI SICUREZZA CON SU UP SAFETY CONTROL BUTTON</td></tr> <tr><td>S4r_wc_dw</td><td>PULSANTE DI SICUREZZA CON SU O DOWN SAFETY CONTROL BUTTON</td></tr> <tr><td>S8</td><td>PRESSOSTATO ANIMA AIR PRESSURE SWITCH</td></tr> <tr><td>S18</td><td>TERMINATOIO DI ALTA MASSA FANNA HIGH LIMIT THERMIST</td></tr> <tr><td>TC</td><td>BULBO TERMISTICO THERMIST BULB</td></tr> <tr><td>S1w</td><td>TERMINATOIO DI MANNA RITORNO RETURN MANNA THERMIST</td></tr> <tr><td>S1</td><td>FRECCOSA LIMIT SW</td></tr> <tr><td>S8A</td><td>INTERRUTTORE RESISTENZA ALIARE AIR RESISTANCE SWITCH</td></tr> <tr><td>S1_OLDOG</td><td>COMULATORE OIL GAS INTERFUTORE DEL OIL GAS</td></tr> <tr><td>S1_3IHOLO</td><td>COMULATORE WPTA GASOLO INTERFUTORE HEAVY OIL LEVEL</td></tr> </table> | MA20 | RELE RELAY | VMP5 | ELETTROVALVOLA GAS PILOTA DI SICUREZZA ELECTRONIC VALVE ELECTRONIC GAS VALVE | ST11 | TERMINATOIO DI LIVELLO AUTOMATICO AUTOMATIC LEVEL THERMIST | STXLS | TERMINATOIO DI SICUREZZA RESISTENZA SUPERIORE SUPERIOR SECURITY RESISTANCE | STXLJ | TERMINATOIO DI SICUREZZA RESISTENZA INFERIORE INFERIOR SECURITY RESISTANCE | S4r | PULSANTE DI SICUREZZA SAFETY BUTTON | S4r_wup | PULSANTE DI SICUREZZA CON SU UP SAFETY CONTROL BUTTON | S4r_wc_dw | PULSANTE DI SICUREZZA CON SU O DOWN SAFETY CONTROL BUTTON | S8 | PRESSOSTATO ANIMA AIR PRESSURE SWITCH | S18 | TERMINATOIO DI ALTA MASSA FANNA HIGH LIMIT THERMIST | TC | BULBO TERMISTICO THERMIST BULB | S1w | TERMINATOIO DI MANNA RITORNO RETURN MANNA THERMIST | S1 | FRECCOSA LIMIT SW | S8A | INTERRUTTORE RESISTENZA ALIARE AIR RESISTANCE SWITCH | S1_OLDOG | COMULATORE OIL GAS INTERFUTORE DEL OIL GAS | S1_3IHOLO | COMULATORE WPTA GASOLO INTERFUTORE HEAVY OIL LEVEL | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DESCRIPTION</td><td>MULTIFLAM 1200.1 PR/PR/NAFTA-GAS-GASOLO (OC)</td></tr> <tr><td>ENGINEER/CREATION</td><td>RBA12PMD19</td></tr> <tr><td>ECN/MODIFICATION</td><td></td></tr> </table> | DESCRIPTION | MULTIFLAM 1200.1 PR/PR/NAFTA-GAS-GASOLO (OC) | ENGINEER/CREATION | RBA12PMD19 | ECN/MODIFICATION | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DESIGNER</td><td>A. Pozzobon</td></tr> <tr><td>CONTROLLER</td><td>ARGON</td></tr> <tr><td>DATE/FIRST CREATION</td><td>25-10-2012</td></tr> <tr><td>DATE/ECN MODIFICATION</td><td></td></tr> </table> | DESIGNER | A. Pozzobon | CONTROLLER | ARGON | DATE/FIRST CREATION | 25-10-2012 | DATE/ECN MODIFICATION | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>SHEET</td><td>2</td></tr> <tr><td>TOT. SHEET</td><td>2</td></tr> </table> | SHEET | 2 | TOT. SHEET | 2 |
| Z | FILTRO ANTIDUSTURIO ANTIKIMMIGELTER FILTRIDE PROIBICION ANTIQUILIBRIO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UV | FOTORESISTENZA PHOTORESISTOR FOTORESISTENCIA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FU | FUSIBILE FUSE FUZIBLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RA | RESISTENZA AGLIURTI RESISTENCIA AULIURTA RESISTENCIA AULIURTA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLB | LAMPADA DI BLOCCO LAMPAS DE BLOCOS ESPALDE BLOCOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLF | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HUF | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HUP | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT ESPALDE INDOUMENTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HUG | LAMPADA DI INDOUMENTO ELETTRICILLO/LAMPADA PILO GAS WA/LAMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HUR | LAMPADA DI INDOUMENTO LAMPES DE INDOUMENT INDOUMENTO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HURM_damp | LAMPADA CHISURA SERVOMOTORE AR DAMP MOTOR/GASING LAMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HURM_op | LAMPADA APERTURA SERVOMOTORE AR DAMPER MOTOR /OPENING LAMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HURlp | LAMPADA BLOCCO TERMO MOTOR /VENTILATORE FAN MOTOR LOCK OUT LAMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HURlpw | LAMPADA BLOCCO TERMO MOTOR/POWER OIL PUMP MOTOR LOCK OUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA1 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA2 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA3 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA4 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA5 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA6 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA7 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA8 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA9 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA10 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA11 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA12 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA13 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA14 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA15 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA16 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA17 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA18 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KA19 | RELE RELAY RELÉ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ST08 | TERMINATOIO DI SICUREZZA SECURITY THERMIST TERMOSTATO DE SEGURIDAD/SENSORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ST5 | TERMINATOIO DI SICUREZZA SAFETY THERMIST TERMINATOIO DE SEGURIDAD/SENSORS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TV | TRASFORMATORE TRANSFORMER TRANSFORMADOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YMP | ELETTROVALVOLA GAS PILOTA ELECTRONIC GAS VALVE ELECTRONIC VALVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YMG-U | SCHEMBO CHI SURTA UGELLO GAS SHUT-OFF SOLING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YMS | ELETTROVALVOLA GAS SICUREZZA ELECTRONIC GAS VALVE ELECTRONIC GAS VALVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YG | ELETTROVALVOLA GAS ELECTRONIC GAS VALVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YQmin | PRESSOSTATO GAS GAS PRESSURE SWITCH MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YQp | PRESSOSTATO GAS ALTO GAS PRESSURE SWITCH HIGH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YP | RESISTENZA COMPA PUMP RESISTOR RESISTENCIA COMPA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YAL | INTERRUTTORE DI ANIMA WORKING SWITCH INTERFUTORE DE ANIMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YAMA | COMULATORE MANUALE AUTOMATICO SWITCH MANUAL AUTOMATIC COMULATORE MANUALE AUTOMATICO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YLA1 | TERMINATOIO DI LAVORO INFERIORE WORKING THERMIST TERMINATOIO DE TRABAJO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MA20 | RELE RELAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VMP5 | ELETTROVALVOLA GAS PILOTA DI SICUREZZA ELECTRONIC VALVE ELECTRONIC GAS VALVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ST11 | TERMINATOIO DI LIVELLO AUTOMATICO AUTOMATIC LEVEL THERMIST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STXLS | TERMINATOIO DI SICUREZZA RESISTENZA SUPERIORE SUPERIOR SECURITY RESISTANCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STXLJ | TERMINATOIO DI SICUREZZA RESISTENZA INFERIORE INFERIOR SECURITY RESISTANCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S4r | PULSANTE DI SICUREZZA SAFETY BUTTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S4r_wup | PULSANTE DI SICUREZZA CON SU UP SAFETY CONTROL BUTTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S4r_wc_dw | PULSANTE DI SICUREZZA CON SU O DOWN SAFETY CONTROL BUTTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S8 | PRESSOSTATO ANIMA AIR PRESSURE SWITCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S18 | TERMINATOIO DI ALTA MASSA FANNA HIGH LIMIT THERMIST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TC | BULBO TERMISTICO THERMIST BULB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1w | TERMINATOIO DI MANNA RITORNO RETURN MANNA THERMIST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1 | FRECCOSA LIMIT SW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S8A | INTERRUTTORE RESISTENZA ALIARE AIR RESISTANCE SWITCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1_OLDOG | COMULATORE OIL GAS INTERFUTORE DEL OIL GAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1_3IHOLO | COMULATORE WPTA GASOLO INTERFUTORE HEAVY OIL LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | MULTIFLAM 1200.1 PR/PR/NAFTA-GAS-GASOLO (OC) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGINEER/CREATION | RBA12PMD19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECN/MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DESIGNER | A. Pozzobon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTROLLER | ARGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE/FIRST CREATION | 25-10-2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE/ECN MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT. SHEET | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>CONTROL BOX</td><td>SERVOMOTOR</td></tr> <tr><td>LANDIS FL1.1333-1.622</td><td>FLAME SENSOR</td></tr> <tr><td>LEAKAGE CONTROL</td><td></td></tr> <tr><td>DUNGS VPS504</td><td>UV</td></tr> </table> | CONTROL BOX | SERVOMOTOR | LANDIS FL1.1333-1.622 | FLAME SENSOR | LEAKAGE CONTROL | | DUNGS VPS504 | UV | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>DESCRIPTION</td><td>MULTIFLAM 1200.1 PR/PR/NAFTA-GAS-GASOLO (OC)</td></tr> <tr><td>ENGINEER/CREATION</td><td>RBA12PMD19</td></tr> <tr><td>ECN/MODIFICATION</td><td></td></tr> </table> | DESCRIPTION | MULTIFLAM 1200.1 PR/PR/NAFTA-GAS-GASOLO (OC) | ENGINEER/CREATION | RBA12PMD19 | ECN/MODIFICATION | | <p style="text-align: center;">Ecoflam Bruciatori</p> <p style="text-align: center;">R&D DEPARTMENT</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>SIGNATURE</td><td>A. Pozzobon</td></tr> <tr><td>DATE/FIRST CREATION</td><td>25-10-2012</td></tr> <tr><td>DATE/ECN MODIFICATION</td><td></td></tr> </table> | SIGNATURE | A. Pozzobon | DATE/FIRST CREATION | 25-10-2012 | DATE/ECN MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTROL BOX | SERVOMOTOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANDIS FL1.1333-1.622 | FLAME SENSOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEAKAGE CONTROL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DUNGS VPS504 | UV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION | MULTIFLAM 1200.1 PR/PR/NAFTA-GAS-GASOLO (OC) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGINEER/CREATION | RBA12PMD19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECN/MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGNATURE | A. Pozzobon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE/FIRST CREATION | 25-10-2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE/ECN MODIFICATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



BY TERM LAMS WE RESERVD THE PROPERTY OF THIS WIRING DIAGRAM WITH PROHIBITION OF USE AND REPRODUCTION

| | | | | | | | |
|--|---|---|--|--|---|--------------------------|-----------------|
| CONTROL BOX LANDIS LFL 1.333-1.622 LEAKAGE CONTROL DUNGS VP5504 | SERVOMOTOR LANDIS SOM50481A2 FLAME SENSOR UV | Ecoflam Bruciatori S.p.A R&D DEPARTMENT | | DESCRIPTION MULTIFLAM 1200.1 PR/PR/PR NAFTA-GAS GASOLIO (Q.R) ECON FIRST CREATION RBA10PC099 ECON MODIFICATION | DESIGNER A.POZZOBON CONTROLLER A.BORGONI | SIGNATURE A. Pozzobon | SHEET 1 |
| | | | | CODE 420110038400 MODIFICATION/DESCRIPTION | DATE/FIRST CREATION 22-06-2010 DATE/ECON MODIFICATION | | TOT. SHEET 2 |



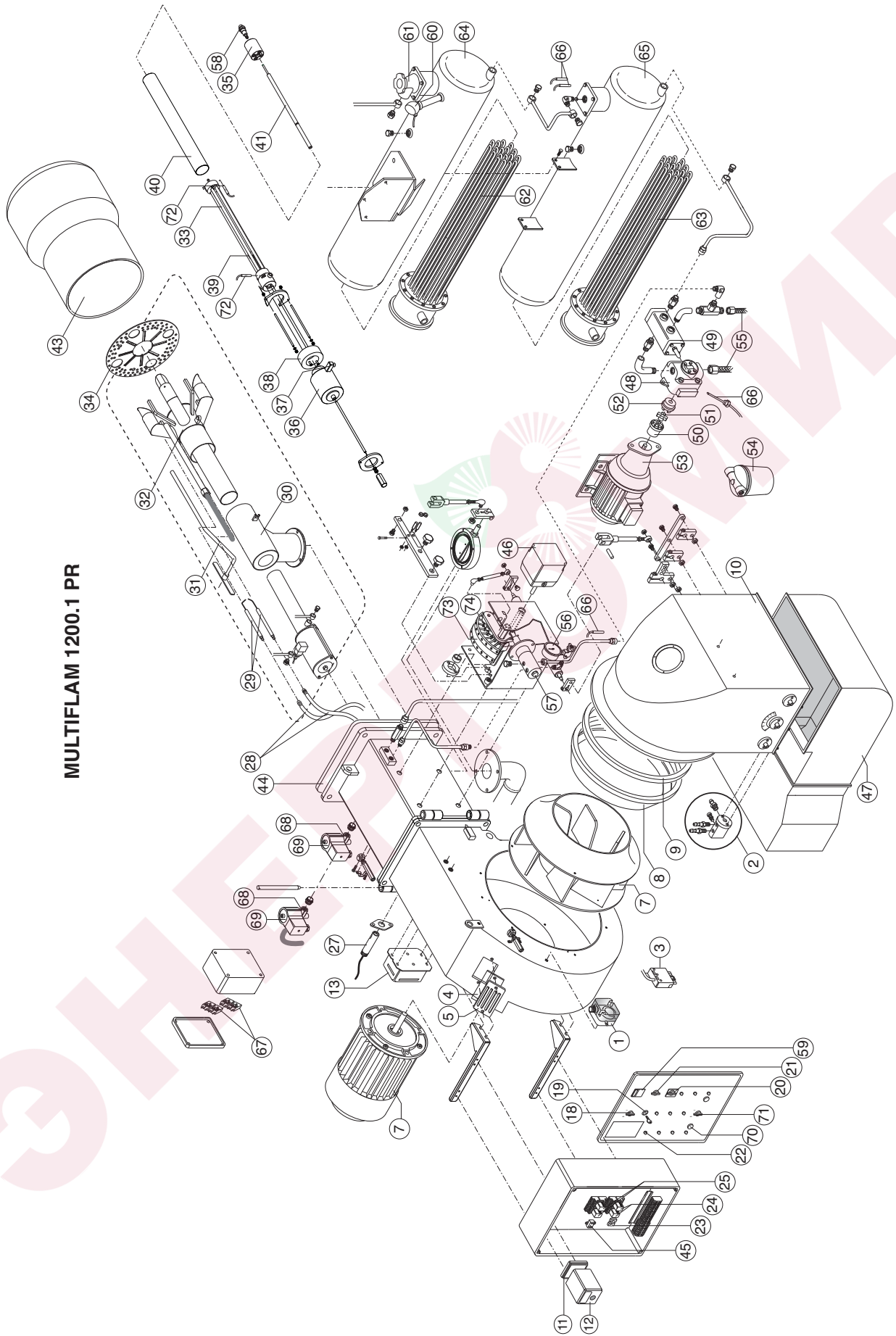
Collegamento BARILOTTO ECOFLAM

Posizionamento resistenze

Collegamento elettrico resistenze Parte superiore

| | | | | | | | |
|----------|------------|----------------------|------|--------------------------------|------------------|-----------------|---------------|
| IND.MOD. | DATA FIRMA | DESCRIZIONE MODIFICA | | DENOMINAZIONE | | MOTODIBUTTORE | |
| SOSTIT. | | DISSEGNIATO | DATA | APPR. RECUP. FIRMA | CONTROLLO/TENUTA | SIST. RINDELAZ. | IND. MODIFICA |
| SOST. DA | | CONTROLLATO | | | | CODICE | |
| | | | | UFF. TECNICO SETTORE ELETTRICO | | | |
| | | | | Ecoflam S.p.A. | | | |

MULTIFLAM 1200.1 PR



| | | | MULTIFLAM 1200.1 |
|----|------------------------------|---------------------|------------------|
| N° | DESCRIPTION | | code |
| 1 | AIR PRESSURE SWITCH | LGW 10 A4 | 65323033 |
| 2 | AIR INTAKE SET | | 65322346 |
| 3 | WIELAND PLUG | 6 pin | 65322072 |
| 4 | GLASS | | 65320487 |
| 5 | PEED WINDOM FRAME | | 65320488 |
| 6 | MOTOR | 37 kW | 65325341 |
| 7 | FAN | RU-630 M.D.55 | 65321804 |
| 8 | AIR CONVEYOR | | 65324064 |
| 9 | CONVEYOR RING | | 65320646 |
| 10 | AIR INTAKE | | 65324065 |
| 11 | CONTROL BOX BASE | SIEMENS | 65320091 |
| 12 | CONTROL BOX | SIEMENS LFL1.333 | 65320031 |
| 13 | IGNITION TRANSFORMER | T8 13000/35 | 65323222 |
| 14 | REMOTE CONTROL SWITCH | | - |
| 15 | REMOTE CONTROL SWITCH (PUMP) | | - |
| 16 | MOTOR THERMAL RELAY | | - |
| 17 | MOTOR THERMAL RELAY (PUMP) | | - |
| 18 | MAIN SWITCH | COMEPI art.ECX1252 | 65324098 |
| 19 | RESET BUTTON KEY | COMEPI a.ECX1430 | 65324468 |
| 20 | SELECTOR | RCK 194L-E12-8751 | 740160016800 |
| 21 | SELECTOR GAS/HEAVY OIL | COMEPI ART.ECX1370 | 65324099 |
| 22 | LAMP | LYVIA 10x28 BA9S | 65324100 |
| 23 | FUSE SUPPORT | HK 520 04/1 10A | 65324279 |
| 24 | RELE BASE | FINDER 95.75 | 65323152 |
| | | FINDER 5532 | 65323149 |
| | | FINDER 5534 | 65323150 |
| 25 | RELE | FINDER MINI 40.52 | 65323142 |
| | | FINDER 5532 | 65323139 |
| | | FINDER 5534 | 65323140 |
| 26 | TIMER | | - |
| 27 | UV CELL | SIEMENS QRA 2 | 65320075 |
| 28 | IGNITION CABLE | TC | 65320948 |
| 29 | IGNITION ELECTRODES SET | | 65322165 |
| 30 | GAS PIPE SUPPORT | | 65324422 |
| 31 | ROD | TC | 65324423 |
| 32 | GAS FIRING HEAD | | 65324424 |
| 33 | OIL FIRING HEAD | | 65324889 |
| 34 | FRONT DISC | | 65324159 |
| 35 | NOZZLE HOLDER | 7/8 UNEF | 65324890 |
| 36 | COIL | EL011 | 65323809 |
| 37 | CONNECTOR WITH RECTIFIER | | 65323571 |
| 38 | RING | | 65321721 |
| 39 | SPRING HOLDER | | 65321720 |
| 40 | PIPE | | 65324426 |
| 41 | ROD NOZZLE HOLDER | TC | 65324427 |
| 42 | DIFFUSER | | 65321672 |
| 43 | BLAST TUBE | TC | 65324070 |
| 44 | GASKET ISOMART | | 65321136 |
| 45 | ANTI JAMMING FILTER | | 65323170 |
| 46 | AIR DAMPER MOTOR | SIEMENS SQM50.481A2 | 65322902 |
| 47 | SILENCER | | 65324071 |
| 48 | OIL PUMP | SUNTEC T5C105 | 65322998 |
| 49 | OIL PUMP VALVE | SUNTEC TV40011 | 65322995 |
| 50 | COUPLING (MOTOR) | | 65324479 |

TC = SHORT HEAD TL = LONG HEAD

| N° | DESCRIPTION | | MULTIFLAM 1200.1 code |
|----|--------------------------------|----------------------|--------------------------|
| 51 | UNION | | 65321791 |
| 52 | COUPLING (PUMP) | | 65324364 |
| 53 | PUMP MOTOR | ABB 5,5 KW | 65325344 |
| 54 | OIL FILTER | 70501/03 | 65324103 |
| 55 | HOSES | 25X1500 | 65323181 |
| 56 | MANOMETER | CEWAL R1/4 D50-40BAR | 65324105 |
| 57 | ADJUSTMENT OF OIL PRESSURE | B-GH-PRO-2 | 65323167 |
| 58 | NOZZLE | Bergonzo 800 kg/h | |
| 59 | ADJUSTMENT OF FUEL TEMPERATURE | Gefran 600 | 65322045 |
| 60 | THERMOCOUPLE | TC6MD2JBC | 65322046 |
| 61 | FILTER | U21008/01 | 65323158 |
| 62 | UP HEATER | 30 kW | 65323091 |
| 63 | DOWN HEATER | 30 kW | 65323091 |
| 64 | UP OIL TANK | | 65324481 |
| 65 | DOWN OIL TANK | | 65324481 |
| 66 | HEATING ELEMENT | 50 W | 65323072 |
| 67 | THERMOSTAT | IMIT TR2 40/200 | 65323147 |
| 68 | PILOT GAS VALVE | KROMSCH.VCS 125R/LW | 65324722 |
| 69 | COIL | KROMSCH.VCS 125R/LW | 65324623 |
| 70 | BUTTON | COMEPI ART.ECX1100 | 65324483 |
| 71 | SELECTOR | COMEPI ART.ECX1255 | 65324639 |
| 72 | HEATING ELEMENT | 30 W | 65324207 |
| 73 | GAS CAM GROUP | | 65322355 |
| 74 | OIL CAM GROUP | | 65322356 |

TC = SHORT HEAD TL = LONG HEAD

