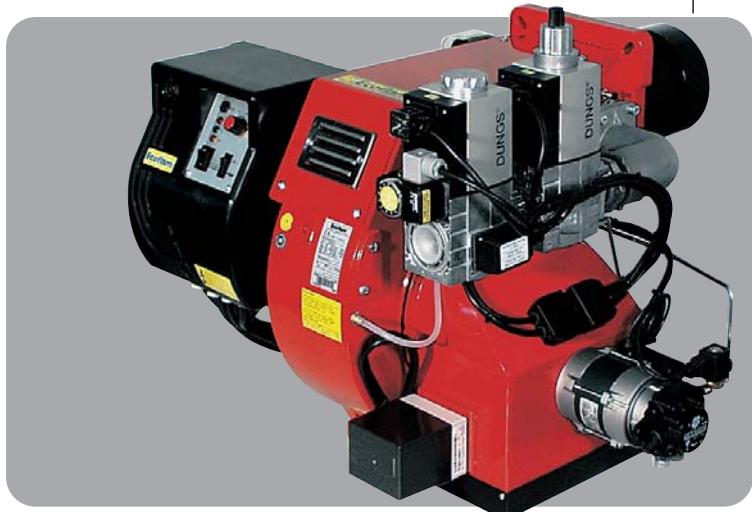


- IT** BRUCIATORI MISTI GAS + GASOLIO
EN GAS/LIGHT-OIL DUAL BURNERS
FR BRULEURS MIXTE GAZ + MAZOUT
ES QUEMADORES MIXTOS GAS + GASOLEO
RU КОМБИНИРОВАННЫЕ ГОРЕЛКИ ГАЗ/ДИЗТОПЛИВО

Ecoflam

CE



Multicalor 45
Multicalor 70
Multicalor 100
Multicalor 140

P AB / P AB



420010331102

420010331102

25.05.2011

FUEL CHARACTERISTICS

Model : Multicalor 45-70-100-140

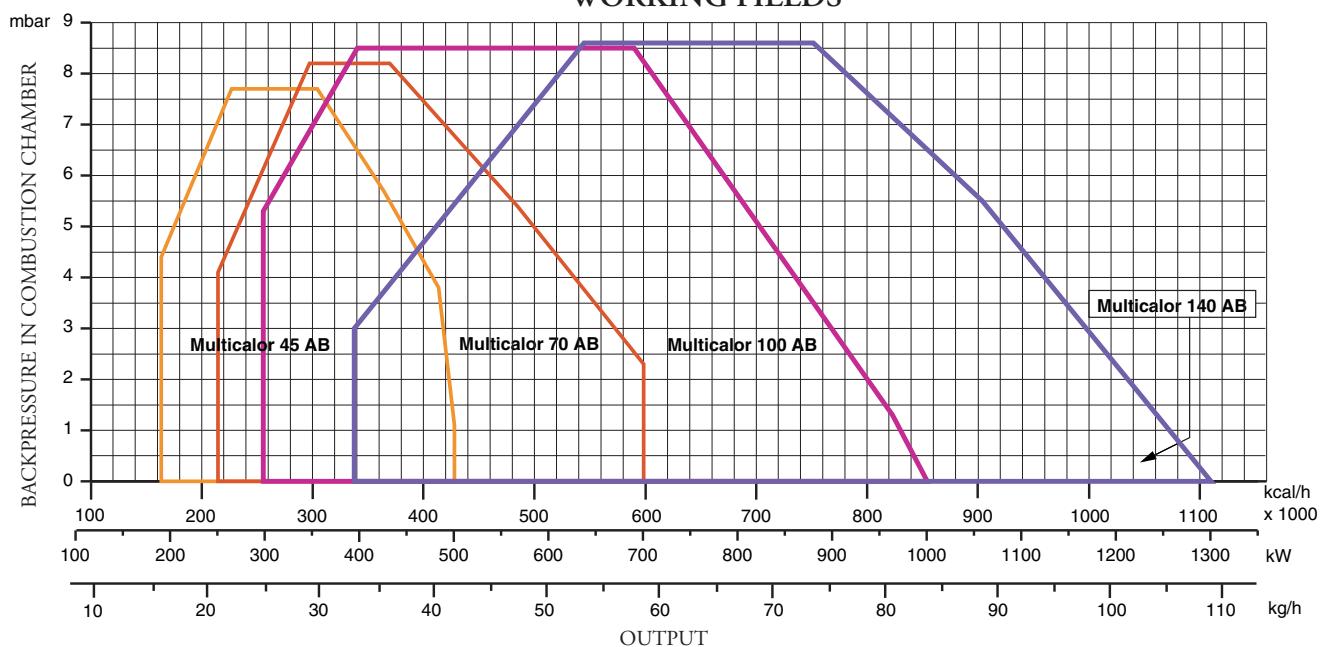
Gas family - II 2H 3P

		G20	G25	G31	G30
Max. pressure	mbar	25	-	45	-
Min. pressure	mbar	17	-	25	-
Gas Low Heat Value:	kcal/Nm ³	8.570	-	22.260	-
Light-oil Low Heat Value	= 10.200 kcal/Kg max 1,5° E a 20° C				

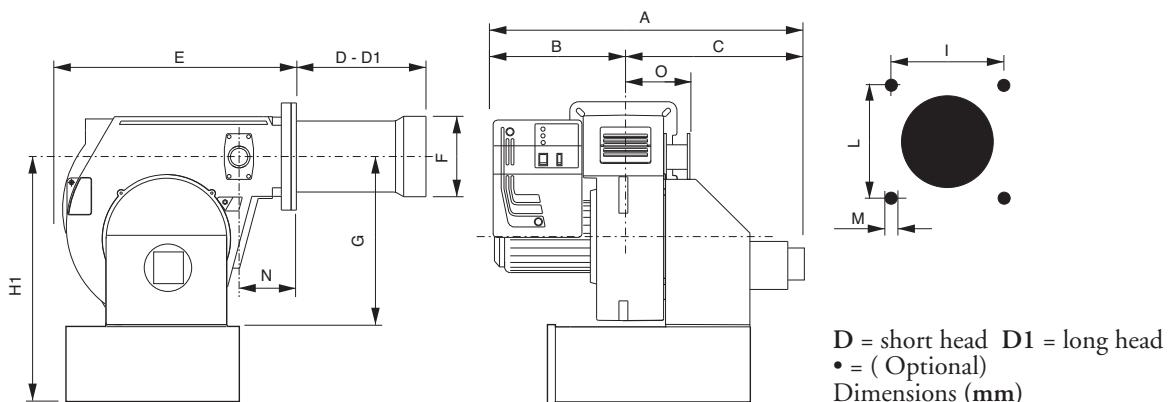
TECHNICAL FEATURES

Multicalor	45	70	100	140
Max. Thermal Output	kW	500	700	1000
	kcal/h	430.000	602.000	860.000
Min. Thermal Output	kW	190	250	300
	kcal/h	163.400	215.000	258.000
Power.3phase + neutral	50 HzV	230 / 400	230 / 400	230 / 400
Motor	kW	0,55	0,74	1,1
Motor RPM	N°	2800	2800	2800

WORKING FIELDS



OVERALL DIMENSIONS



MODELS	A	B	C	D	D1	E	F	G	H1	I	L	M	N	O
Multicalor 45 PAB	1045	510	535	175	335	555	160	390	600•	190	190	M10	140	165
Multicalor 70 PAB	1045	510	535	175	395	555	180	390	600•	190	190	M10	140	165
Multicalor 100 PAB	1045	510	535	175	395	555	190	390	600•	190	190	M10	140	165
Multicalor 140 PAB	1070	510	560	307	457	555	215	390	600•	190	190	M10	140	165

ELECTRICAL CONNECTIONS

All burners are factory tested and set at 400 V 50 Hz three-phase for motors and 230 V 50 Hz monophase with neutral for auxiliaries. If it is necessary to supply the burner at 230 V 50 Hz without neutral, make the necessary alterations referring to the wiring diagram of the burner and check that the thermal relay is within the absorption range of the motor. Also check that the fan motor rotates in the correct direction.

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 through 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.

OPERATION OF BURNER WITH GAS

PRELIMINARY CHECKS

Before starting up the boiler check the following:

- gas type and feed pressure;
- gas valves closed;
- the seals in the pipe fittings;
- gas pipe breather and input pressure;
- that the cable complies with the diagram and the phase and neutral wires correspond;
- that the burner shuts down when the boiler thermostat opens
- the seal of the boiler furnace which prevents air from entering
- the seal on the flue-boiler pipe fitting;
- the condition of the flue (sealed, free from blockage, etc.).

If all these conditions are present, start the burner. The control device starts the motor to carry out prewashing of the combustion chamber. During this prewash period (about 30 seconds) the device checks that air pressure is correct via the air pressure switch. At the end, it supplies power to the transformer and opens the gas valves. The flame must be lit and stabilize within 3 seconds, which is the device's safety time limit. Check to ensure the flame is lit before placing any control instrument in the flue. Adjust and check the gas flow necessary for the boiler at the meter. Adjust the air flow according to the gas flow to obtain correct combustion.

IMPORTANT ADVICE

All adjustable parts must be fixed by the installer after making adjustments. Check flue combustion after each adjustment. The CO₂ values must be approx. 9.7 (G20) 9.6 (G25) 11.7 (G30) 11.7 (G31) and the CO must be less than 75 ppm.

ADJUSTING THE COMBUSTION PROCESS

IMPORTANT: to obtain the right adjustment of the combustion and thermal capacity it is important to analyze the products 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.

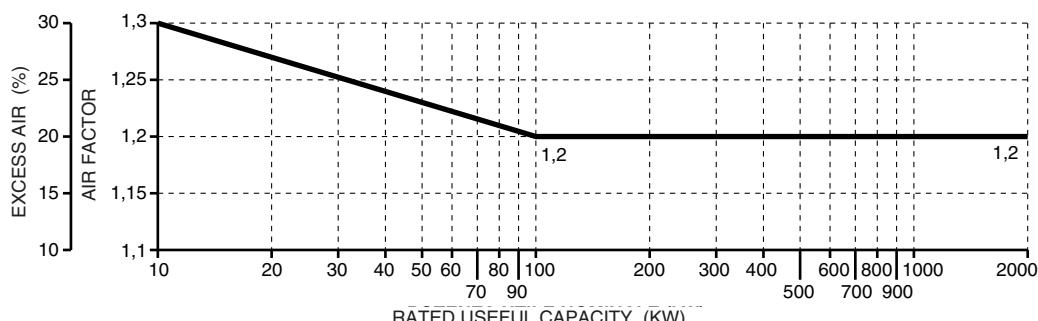
THESE OPERATIONS MUST BE DONE BY PROFESSIONALLY-QUALIFIED TECHNICIANS.

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.

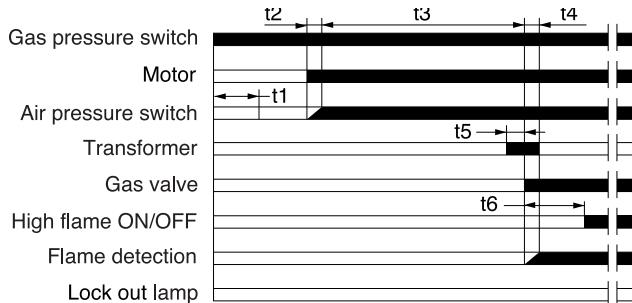
SUGGESTED REFERENCE VALUES

	Natural Gas
CO ₂	9,6%
CO	<100 ppm



CONTROL BOXES LANDIS & STAEFA LGB21/LGB22

The Landis control box starts the fan and begins the pre-purging of the combustion chamber. The air pressure switch controls the correct operation. At the end of the pre-purging phase, the ignition transformer cuts-in followed by the opening of the gas valves. In case of missed ignition or accidental shutdown, the ionisation probe cuts-in and set the burner in lockout mode within the safety time.



	Description	(⌚)
t1	pressure switch control time-out	9"
t2	time-out for air pressure confirmation	3"
t3	prewashing time	30"
t4	safety time	3"
t5	preignition time	3"
t6	time-out to enable fuel 2nd valve	8"

CALCULATION OF WORKING OUTPUT OF THE BURNER

To calculate the burner's working output, in kW, proceed as follows:

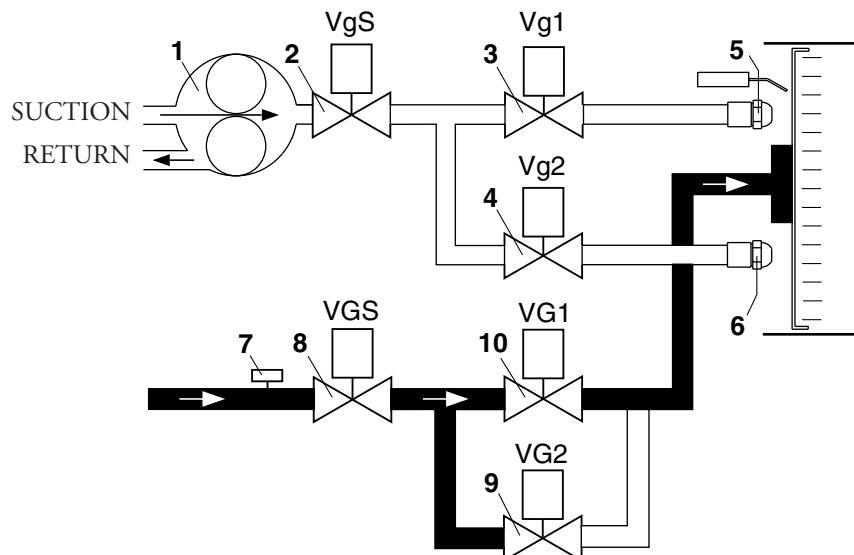
- Check at the meter the quantity of supplied litres and the duration, in seconds, of the reading, then calculate the burner's output through the following formula:

$$\frac{e}{s} \times f = \text{kW}$$

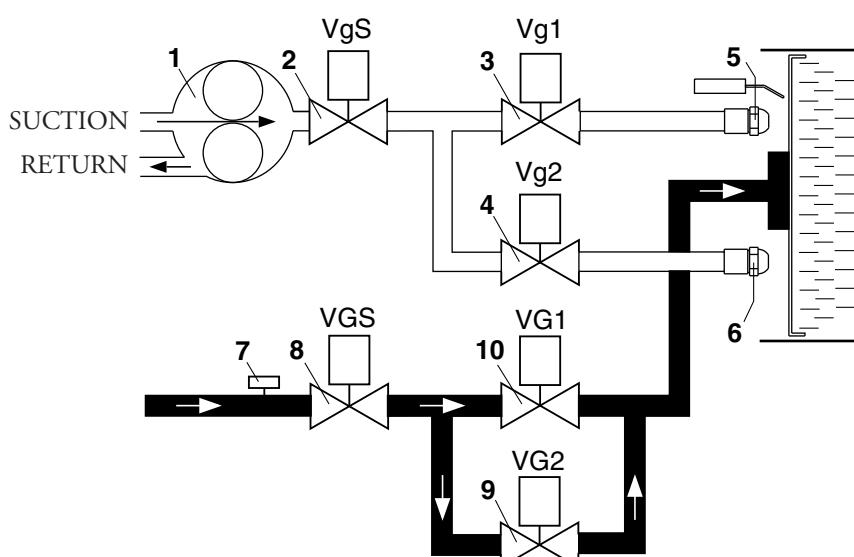
e = Litres of gas
s = Time in seconds

$$f \begin{cases} G20 = 34,02 \\ G25 = 29,25 \\ G30 = 116 \\ G31 = 88 \end{cases}$$

GAS CIRCUIT

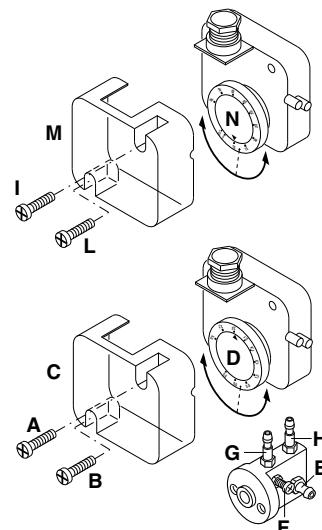


- PUMP
- SAFETY OIL VALVE
- LOW FLAME OIL VALVE
- HIGH FLAME OIL VALVE
- LOW FLAME NOZZLE
- HIGH FLAME NOZZLE
- GAS PRESSURE SWITCH
- SAFETY GAS VALVE
- LOW FLAME GAS VALVE
- HIGH FLAME GAS VALVE



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

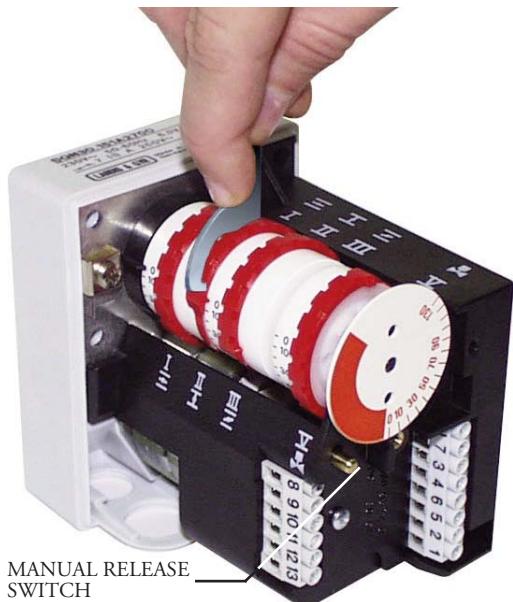
Unscrew screws A and B and remove cover C.- Set the pressure switch to the minimum by turning regulator D to position 1.

- 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 1mbar (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.

ADJUSTEMENT OF THE COMBUSTION AIR

LANDIS & STAefa SQN 30 151A2700 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:

- I - Limit switch for air damper "High Flame" position adjustment (Max. power)
- II - Limit switch for the air damper position at burner's shut down
- III - Limit switch for air damper "Low Flame" position adjustment (Min. power)
- V - Limit switch for 2nd stage's solenoid valve opening release

NOTE : Cam V (to allow the 2nd stage's solenoid valve opening) must be adjusted to an intermediate position between the Low and High Flame ones (to an angle approximately 5° greater than the low flame position).

GAS TRAIN INSTALLATION AND SETTING INSTRUCTIONS

Fix the gas train to burner body by means of the 4 screws of the flange, pay attention to set correctly the gasket (O-ring).

Connect electrically the gas train with the 6 pole plug.

Switch on the burner (it has already been tested in the factory, so it is pre set on average values) and verify the tightness of gas train connections made during installation.

Act as follows to adapt the burner output to the boiler.

HIGH FLAME

1. Bring the burner in high flame , air inlet must be set at 75 ° (maximum opening position).

To adjust air capacity operate on the combustion head position.

Just in peculiar case it is necessary to reduce the air flow in high flame closing air intake damper.

2. The position of gas butterfly valve must be lower then 90° (typically 85°. It is important not get over 90° to obtain a perfect combustion during passage from high to low flame). Eventually adjust this position acting on the screw "1", after loosening nut " 2 ".

3. Regulate gas capacity in high flame through the gas governor, or operate on the adjustable gas valve.

LOW FLAME

4. Choose the first stage position on the servocontrol (normally between 10° - 30°) on the basis of the reduced charge output required and switch the burner to low flame.

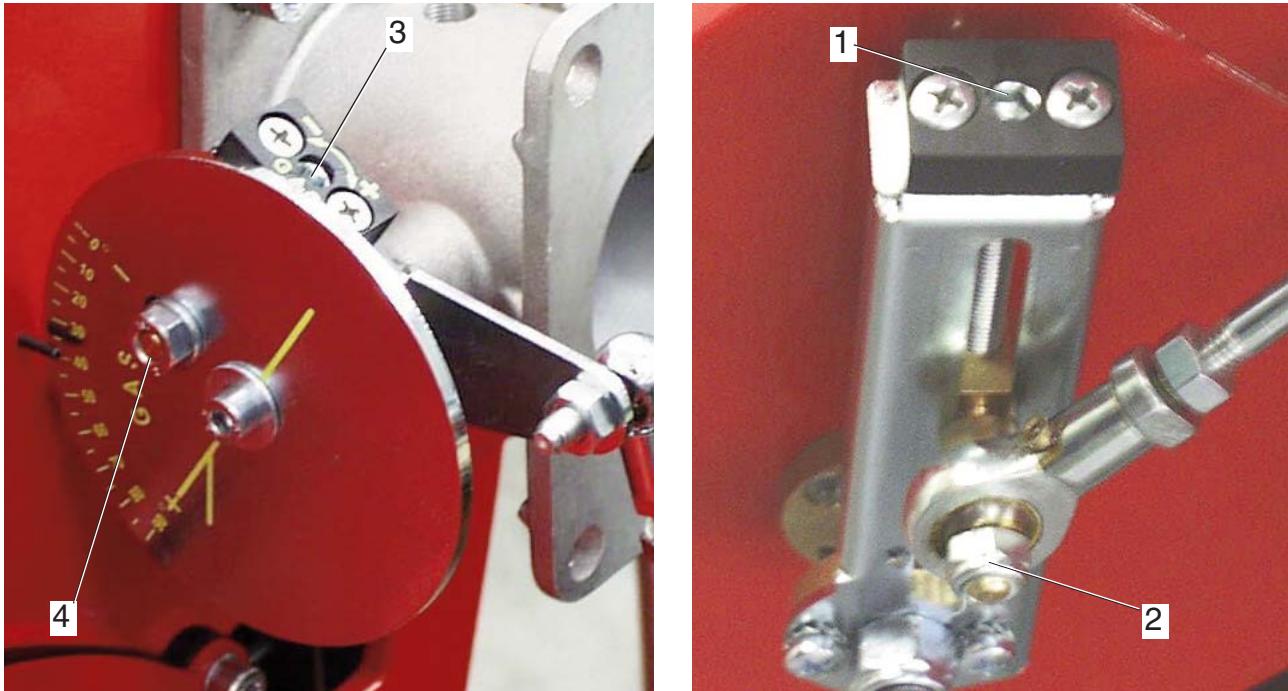
5. Regulate gas capacity, to obtain optimal combustion, changing the position of the gas valve disc, act on screw " 3 ", after loosen nut " 4 ".

Final operations

6. Bring the burner in high flame again, if necessary adjust again gas flow (as shown in point n.2).

7. If necessary repeat operations described on point n. 5 and n. 6 until You obtain the exact position of the gas flow both in high and low flame.

8. Fix the nuts.



OPERATION OF BURNER WITH LIGHT-OIL FUEL

Gas/Light-oil dual burners must always be adjusted for a first light-oil ignition.

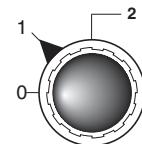
Once having installed the burner, check the following items:

- The burner power feeding and the main line protection fuses
- The correct length of pipes and that the same are sealed.
- The type of fuel, which must be suitable for burner.
- The connection of boiler's thermostats and all the safeties.
- The motor rotation direction.
- The correct calibration of the motor's thermal protection.

When all the above mentioned conditions are checked and accomplished, it is possible to go on with burner's tests.

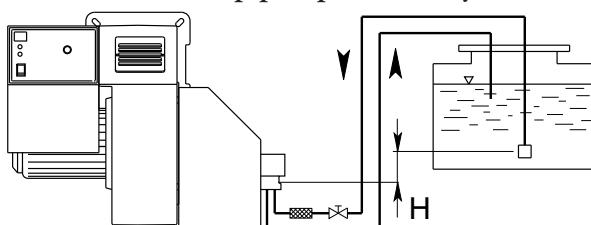
To turn the switch on the position "1" light-oil. Power the burner. The control box feeds the ignition transformer and the burner's motor at the same time, which will run a prepurging of the combustion chamber for about 20 sec.

At the end of prepurging, the control box opens the fuel pump and the 1st stage (Low flame) solenoid valves, the ignition transformer produces a spark and the burner ignites. After a safety interval of 3 seconds and a correct ignition, the control box turns off the ignition transformer and, 10 seconds later, sets the motorised air damper to its maximum opening and opens the 2nd stage solenoid valve (High flame). In case of faulty ignition, the control box switches the burner into safety condition. In such a case, the manual rearming of the burner shall not take place before 30 seconds have elapsed from the burner's safety shutdown. In order to obtain an optimal combustion, it is necessary adjust the LOW - HIGH flame air flow, according to the instruction given further on. During such a phase, it will be possible to manually switch between HIGH (II) and LOW (I) flame and viceversa, through the High/Low flame switch. At the end of the adjusting phase, leave the switch in position II (HIGH flame).



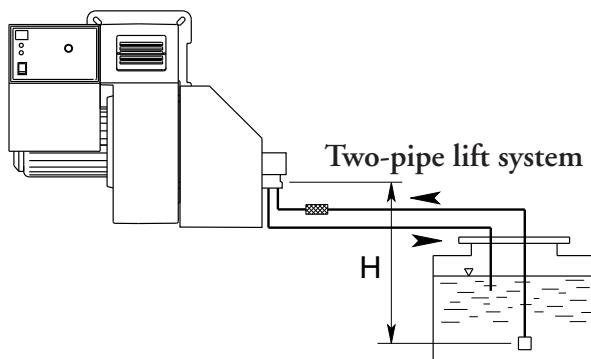
MAXIMUM LENGTH OF SUCTION LINES FOR TWO-PIPE SYSTEM

Two-pipe siphon feed system



H (m)	PIPE LENGTH								
	AS 67 AN 77 (m)		AJ 6 (m)		RSA 60 (m)		RSA 125 (m)		
	ø 10 mm	ø 12 mm	ø 12 mm	ø 14 mm	ø 10 mm	ø 12 mm	ø 10 mm	ø 12 mm	ø 15 mm
0	32	90	66	90	-	-	-	-	-
0,5	36	90	65	90	48	99	22	46	100
1	40	90	58	80	53	100	25	51	100
2	48	90	45	80	63	100	29	61	100
3	56	90	32	65	73	100	34	71	100
3,5	60	90	25	52	78	100	36	76	100

Two-pipe lift system



H (m)	PIPE LENGTH								
	AS 67 AN 77 (m)		AJ 6 (m)		RSA 60 (m)		RSA 125 (m)		
	ø 10 mm	ø 12 mm	ø 12 mm	ø 14 mm	ø 10 mm	ø 12 mm	ø 10 mm	ø 12 mm	ø 15 mm
0	25	70	66	90	43	88	20	41	100
0,5	21	62	60	90	37	78	18	36	89
1	18	54	52	90	32	67	15	31	77
2	10	38	40	80	22	46	10	22	53
3	5	20	25	58	12	25	6	12	29
3,5	-	10	19	45	7	15	3	7	17

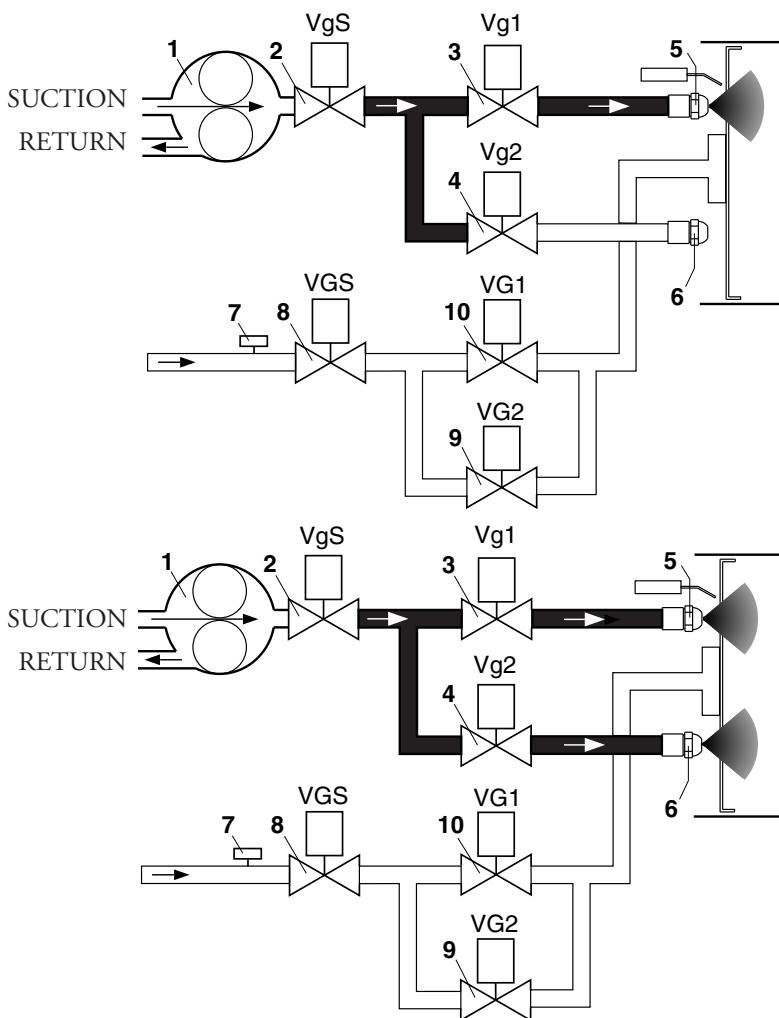
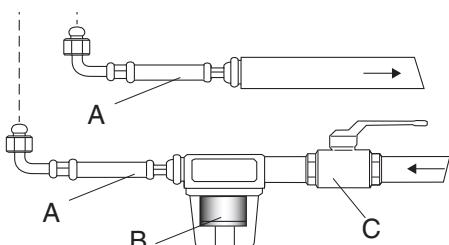
The correct length of pipes is calculated by summing up the length of all vertical and horizontal right sections and bends. The static suction head will be the distance between the non-return valve and the burner's pump axle. The depression must not be greater than 0.45 bar; should it be higher, some damage could occur to the pump, with consequent increase in mechanical noises and, eventually, a failure.

NOZZLE FLOW RATE (DELVAN B - MONARCH PLP)

NOZZLE	PUMP PRESSURE (bar)						
	10	11	12	13	14	15	16
2,50	9,50	9,97	10,41	10,83	11,24	11,64	12,02
3,00	11,40	11,96	12,49	13,00	13,49	13,96	14,42
3,50	13,30	13,95	14,57	15,17	15,74	16,29	16,83
4,00	15,20	15,94	16,65	17,33	17,99	18,62	19,23
4,50	17,10	17,94	18,73	19,50	20,24	20,95	21,63
5,00	19,00	19,93	20,82	21,67	22,48	23,27	24,04
5,50	20,90	21,92	22,90	23,83	24,73	25,60	26,44
6,00	22,80	23,92	24,98	26,00	26,98	27,93	28,84
6,50	23,70	25,91	27,06	28,17	29,23	30,26	31,25
7,00	26,60	27,90	29,14	30,33	31,48	32,58	33,65
7,50	28,50	29,90	31,22	32,50	33,73	34,91	36,05
8,30	31,54	33,08	34,55	35,97	37,32	38,63	39,90
9,50	36,10	37,87	39,55	41,17	42,72	44,22	45,67
10,50	40,06	41,73	43,74	45,41	47,20	48,90	50,50
12,00	45,60	47,80	50,00	52,00	54,00	55,90	57,70
13,80	52,40	55,00	57,50	59,80	62,10	64,20	66,30
15,30	58,10	61,00	63,70	66,30	68,80	71,10	73,60
17,50	66,50	69,80	72,90	75,80	78,70	81,50	84,10
19,50	74,10	77,70	81,20	84,50	87,70	90,80	93,70
21,50	81,70	85,70	89,50	93,20	96,70	100,10	103,40
24,00	91,20	95,70	99,90	104,00	107,90	111,70	115,40
GPH	OUTPUT kg/h						

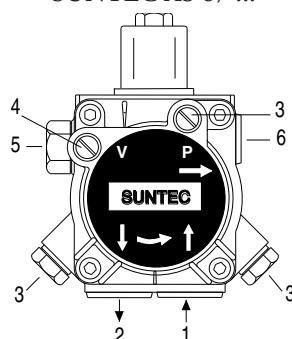
LIGHT-OIL CIRCUIT

- A - HOSE
- B - OIL FILTER
- C - OIL COCK
- 1 - PUMP
- 2 - SAFETY OIL VALVE
- 3 - LOW FLAME OIL VALVE
- 4 - HIGH FLAME OIL VALVE
- 5 - LOW FLAME NOZZLE
- 6 - HIGH FLAME NOZZLE
- 7 - GAS PRESSURE SWITCH
- 8 - SAFETY GAS VALVE
- 9 - LOW FLAME GAS VALVE
- 10 - HIGH FLAME GAS VALVE

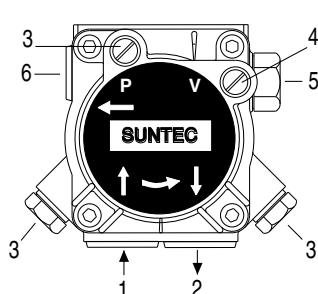


PRIMING AND ADJUSTMENT OF OIL PUMP

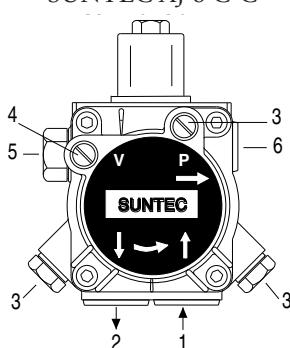
SUNTEC AS 67 ...



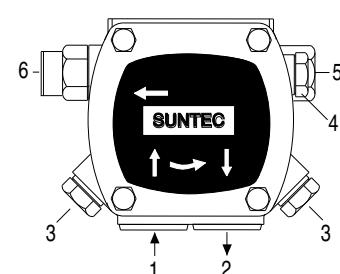
SUNTEC AN 77



SUNTEC AJ 6 C-C



SUNTEC D 67 A



The pump is adjusted during testing and inspection to

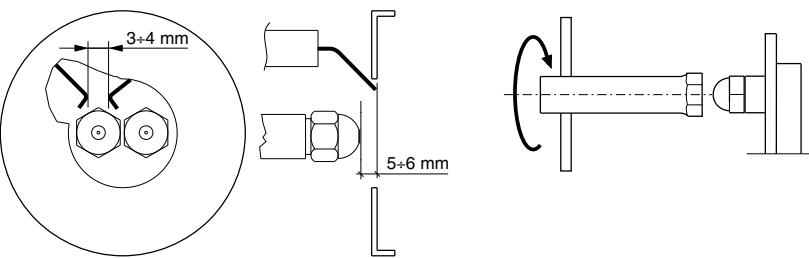
12 bar. VERIFY: - That piping system is perfectly sealed; - That the use of hoses is avoided whenever is possible (use copper pipes preferably); - That depression is not greater than 0,45 bar, to avoid pump's cavitation; - That check valve is suitably designed for the duty; The pump pressure is set at a value of 12 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 not allow the pump to work 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.

- 1 - INLET
- 2 - RETURN
- 3 - BLEED AND PRESSURE GAUGE PORT
- 4 - VACUUM GAUGE PORT
- 5 - PRESSURE ADJUSTMENT
- 6 - TO NOZZLE

NOZZLE CLEANING AND REPLACEMENT

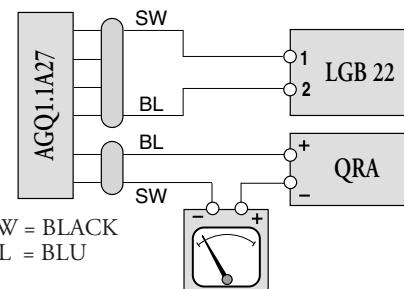
Use only the suitable box wrench provided for this operation to remove the nozzle, taking care to not damage the electrodes. Fit the new nozzle with the same care.

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



FLAME DETECTOR SYSTEM CHECK

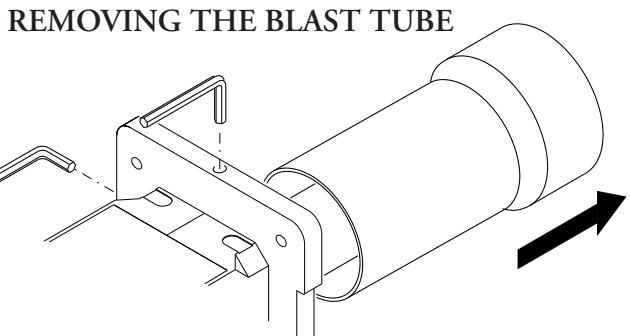
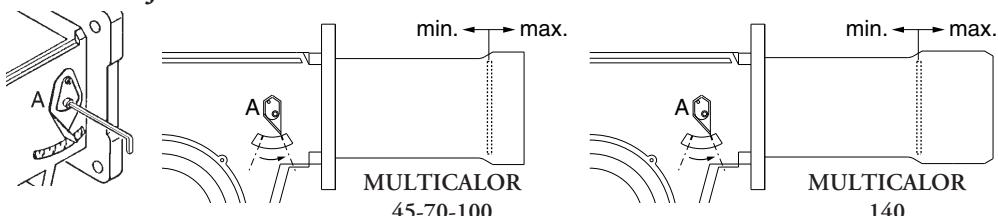
The control of the detector current shall be carried out by plugging a microamperemeter with full scale at 1000 μ A (D.C.) in series with the UV-cell. If the detector current is too low verify the connection between phase and neutral of the burner and the grounding of the burner itself. Minimum required detector current is 200 μ A.



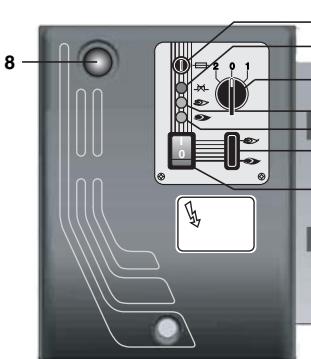
ADJUSTING THE FIRING HEAD

The adjustment of the combustion head position is carried out in order to obtain the best combustion efficiency. When installed for small output operations, the head shall be adjusted back. For maximum operation the position is fully forward.

Steps: loosen the locking screw of A lever. Move the lever to the needed position. Tighten back the locking screw.

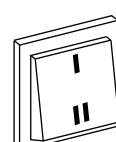


DESCRIPTION OF CONTROL PANEL



- 1 - Fuse
- 2 - Thermal lock-out lamp
- 3 - Light-oil working lamp
- 4 - Gas working lamp
- 5 - High-low flame switch
- 6 - Main switch I/O
- 7 - Gas/Light-oil selector switch:
1- Light-oil operation
2- Gas operation
- 8 - Lockout disable push button

- I - Manual low flame position
- II - Manual operation : high flame position
Automatic operation : HI-LOW flame position by the HI-LOW thermostat.



Pull up the switch on the terminal strip to keep burner in first stage.

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 ($\text{CO}_2 = 9.5 \div 9.8$; $\text{O} = \text{lower than } 75 \text{ ppm}$).

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. Light-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 ionisation probe and its connection.

Check the control box.

Check nozzles (clogged or worn).

The photodiode does not detect the flame.

The filters are clogged. Light-oil pressure too low.

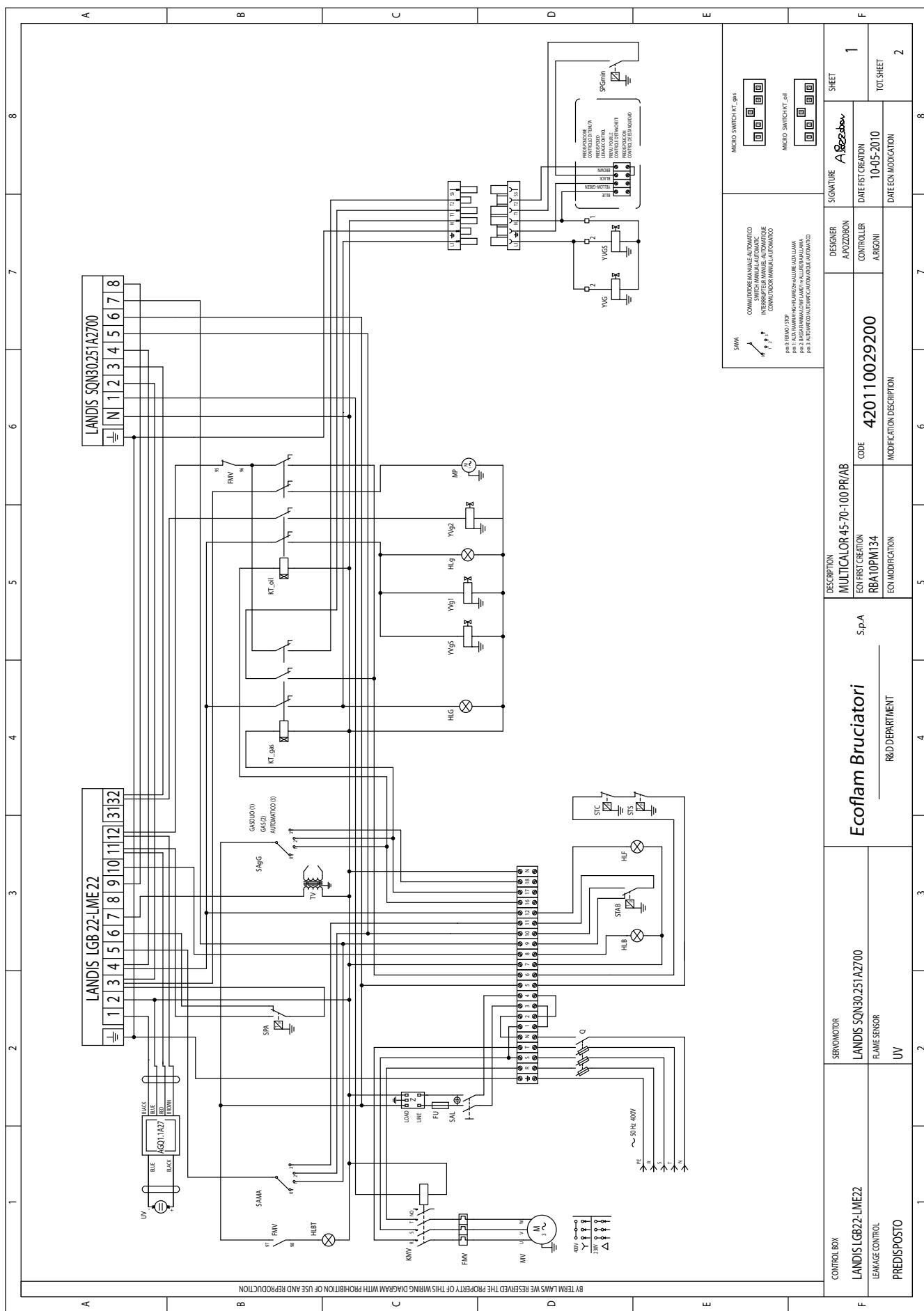
Combustion air's flow rate too high related to nozzle output.

THE BURNERS IGNITES BUT SWITCHES TO LOCKOUT AFTER FEW MOMENTS:

Check gas governor and gas filter.

Check gas pressure through a manometer.

Check ionization value (min. 200 μA).



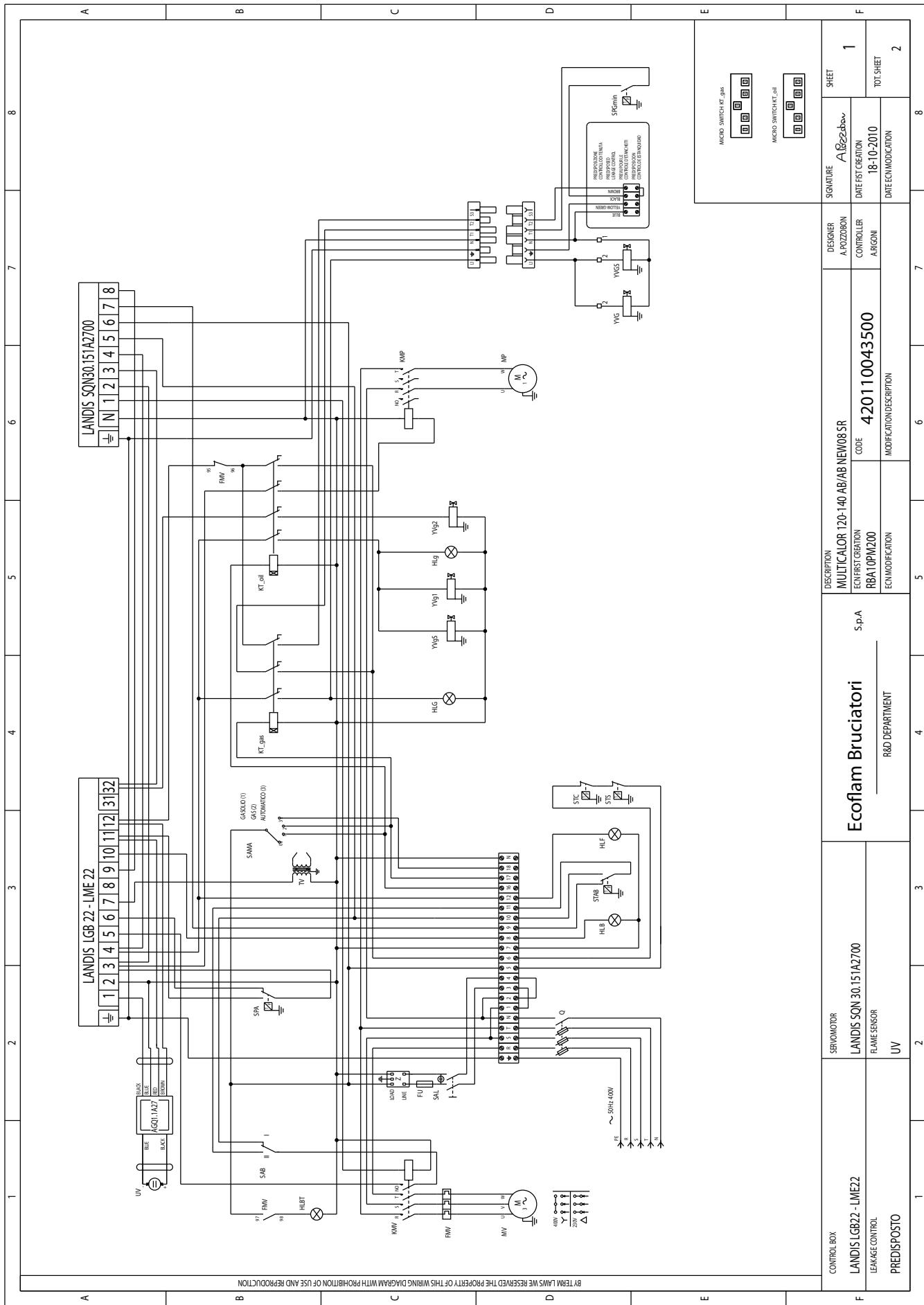
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420010331102 Multicar 45 ÷ 140 AB/AB

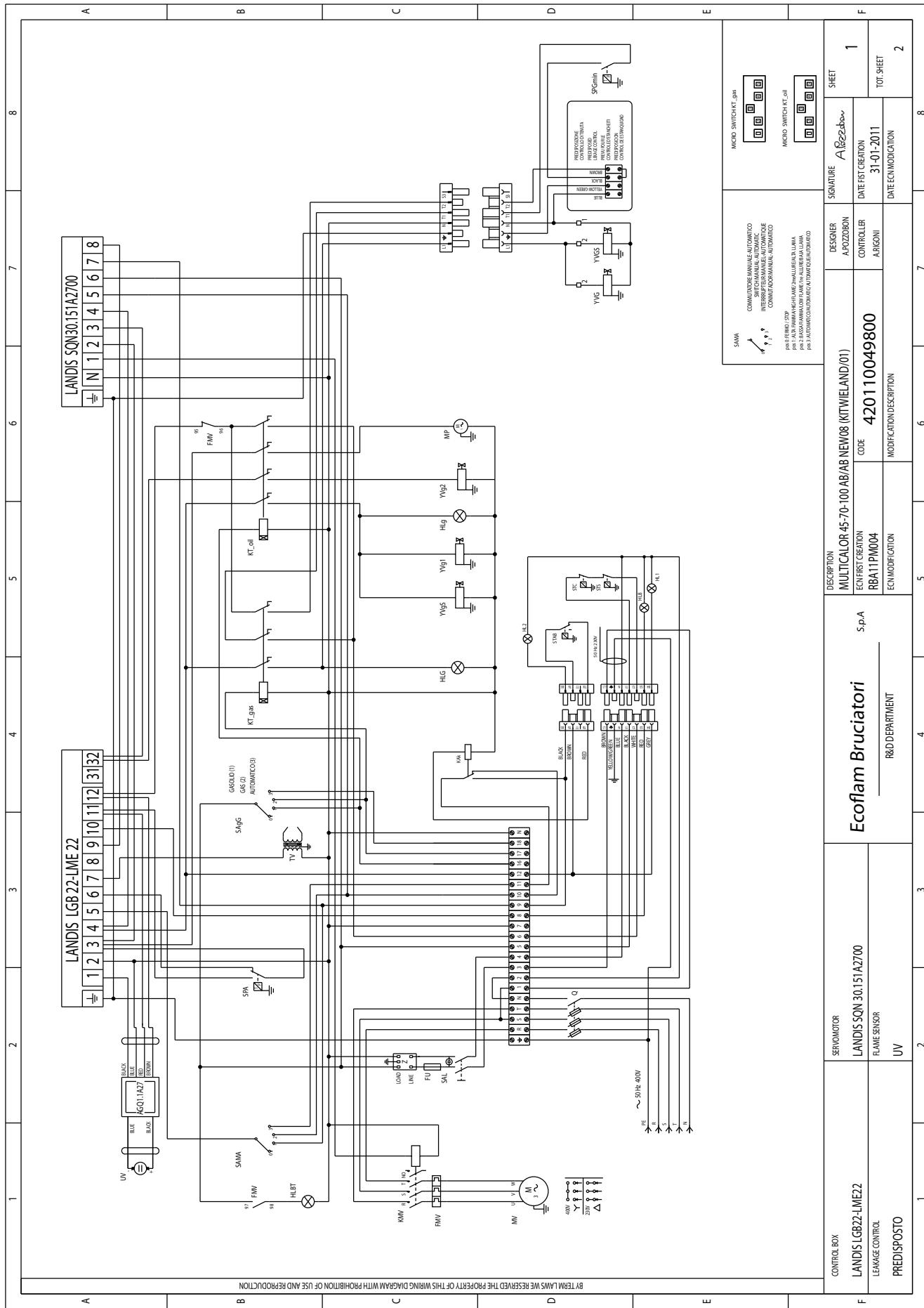
Ecoflam

	1	2	3	4	5	6	7	8
A	Q INTERUZIONE GENERALE CON FUSIBILE MAIN SWITCH WITH FUSE INTERRUPTEUR GENERAL AVEC FUSIBLE INTERUPTOR GENERAL CON FUSIBLE							
Z	FILTORE ANTISTURBO ANTISHOCK FILTER FILTRE ANTIPARASITES FILTRO DE PROTECCION ANTIDISTRIBUTO							
FU	FUSIBILE FUSE FUSIBLE							
SAL	INTERUZIONE DI LINEA POWER SWITCH INTERRUPTEUR DE LIGNE INTERUPTOR DE LINEA							
MP	MOTORI PONTA OIL PUMP MOTOR MOTEUR POMPE MOTORIBOMBA							
MV	MOTOR VENTILATORE MOTOR VENTILATOR MOTOR VENTILATEUR MOTOR VENTILADOR							
TV	TRANSFORMATORE IGNITION TRANSFORMER TRANSFORMATEUR D'ALLUMAGE TRANSFORMADOR							
UV	FOTOCELLULA CELLULE UV FOTOCELLA							
FMP	RELÉ TERMICO MOTORE POMPA MOTOR PUMP THERMAL RELAY RELAY THERMIQUE MOTEUR POMPE RELE TERMICO MOTORIBOMBA							
FAN	RELÉ TERMICO MOTORE VENTILATORE MOTOR THERMAL RELAY FAN VENTILATOR RELÉ TERMICO MOTOR VENTILADOR							
HLB	LAMPADA DI BLOCCO LOCK OUT LAMP LAMPE DE SECURITE ESPÍA DE BLOQUEO							
HLG	LAMPADA GAS GAS LAMP LAMPE DE GAZ ESPÍA GASOLIO							
Hlg	LAMPADA GASOLIO OIL LAMP TENON MAZOUT ESPÍA GASOLIO							
MW	CONTATTORE MOTORE VENTILATORE REMOTE CONTROL SWITCH (FAN MOTOR) CONTACTEUR MOTEUR VENTILATEUR TELECONTACTO MOTOR VENTILATOR							
SPA	PRESOSTATO ARIA AIR PRESSURE SWITCH PRESOSTATO AIR PRESOSTATO AIRE							
PREDISPOSTO								
B								
STC	TERMOSTATO CALDAIA BOILER THERMOSTAT TERMOSTAT CHAUDERE TERMOSTATO CALDERA							
STS	TERMOSTATO DI SICUREZZA SAFETY THERMOSTAT TERMOSTAT DE SECURITE TERMOSTATO DE SEGURIDAD							
SAG	COMMUTATORE COMBUST. GASOLIO-GAS-AUTO FUEL SWITCH (OL-GAS-AUTO) INTERRUPTEUR CARBURANT MAZOUT/GAS-AUTO COMUTADOR COMBUSTIBLE GASOLIO-GAS-AUTO							
SAMA	COMMUTATORE MANUALE AUTOMATICO SWITCH MANUAL-AUTOMATIC COMMUTADOR MANUAL-AUTOMATICO							
Y1G1	ELETTRONAVOLTA GASOLIO PRIMA FIAMMA FIRST STAGE GAS SOLINOID VALVE ELECTROVALVOLA GAS DE SEGURIDAD ELEC ROVAVOLLA GAS 1ª LLAMA							
Y1G5	ELETTRONAVOLTA GASOLIO DI SICUREZZA EXTRA SAFETY GAS SOLINOID VALVE ELECTROVALVOLA GAS DE SEGURIDAD ELEC ROVAVOLLA GAS SEGURIDAD							
Y1GP	ELETTRONAVOLTA GAS PILOTA PILOT FLAME SOLINOID GAS VALVE ELECTROVAVOLLA GAS PILOTO ELECTROVALVULA GAS PILOTO							
Y1g1	ELETTRONAVOLTA GASOLIO DI PRIMA FIAMMA FIRST STAGE GASOLIO VALVE ELECTROVALVOLA DE GASOLEO 1ª LLAMA							
Y1g2	ELETTRONAVOLTA GASOLIO DI SECONDA FIAMMA SECOND STAGE GASOLIO VALVE ELECTROVALVOLA MAZOUT GRANDE ALLURE ELECTROVALVULA DE GASOLEO 2ª LLAMA							
Y1g5	ELETTRONAVOLTA GASOLIO DI SICUREZZA EXTRA SAFETY GAS SOLINOID VALVE ELECTROVALVOLA GASOLIO DE SEGURIDAD PRESSOSTATO GASOLIO MINIMA PRESSIONE							
SPGmin	PRESSOSTATO GASOLIO MINIMA PRESSIONE PRESSURE SWITCH MIN PRE SOSTATO GASOLIO MINIMA ROT.							
HLBT	LAMPADA DI BLOCCO TERMICO THERMAL LOCK OUT LAMP LAMPE-D-THERMIQUE DE SECURITE ESTRA DI BLOCCIO RELÈ TERMICO							
KT_gas	TEMPORIZZATORE TIMER TEMPORIZADOR							
	KT_oil	TEMPORIZZATORE TIMER TEMPORIZADOR						
C								
D								
E								
F	CONTROL BOX LANDIS LGB22-LME22 LEAKAGE CONTROL	SERVOMOTOR LANDIS SQN30.251A2700 FLAME SENSOR UV	ECOFIAM Bruciatori S.p.A R&D DEPARTMENT	DESCRIPTION MULTICAR 45-70-100 PR/AB ECOFIAM CREATION RBA10PM134 ECH MODIFICATION CODE 420110029200 MODIFICATION DESCRIPTION	DESIGNER APOLLOBON CONTROLLER ARCON	SIGNATURE A18220202 DATE FIRST CREATION 10-05-2010 DATE EN MODIFICATION	FILE 2 TOT SHEET 2	HEET 2 8

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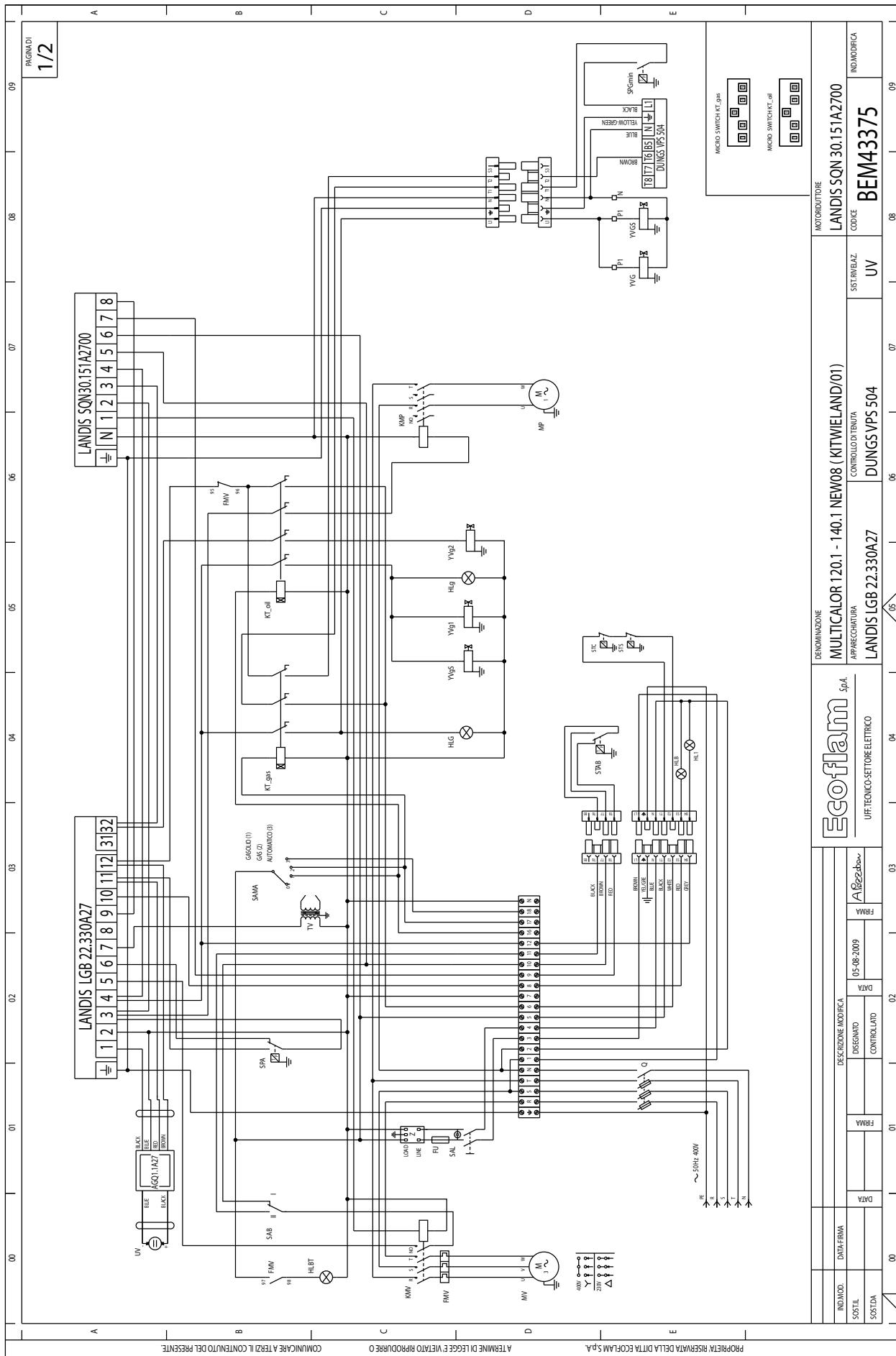


A	Q	INTERROTTORE GENERALE CON FUSIBILE MAIN SWITCH WITH FUSE	STS	TERMOSTATO DI SICUREZZA SAFETY THERMOSTAT				
A	Z	INTERROTTORE GENERALE CON FUSIBILE MAIN SWITCH WITH FUSE	SAB	TERMOSTATO DE SEGURIDAD DEVIACIÓN AL FAÍSCA FAMMA HIGH-LOW FLAME SWITCH INTERRUPTEUR GRANDE PERTINE ALLURE CONDUITADODE ALTA/BAJA LLAMA				
A	FU	FUSIBILE FUSE	SAMA	COMUTATORE MANUALE AUTOMATICO SWITCH MANUAL AUTOMATIC COMMUTADOR MANUAL AUTOMATICO				
B	NP	MOTOR POMPA OIL PUMP MOTOR MOTORI POMPE	YVG	ELETROVALVOLA GAS SOLIDI CORTEZA EXTRA SAFETY GAS SOLENOID VALVE ELETROVALVOLA GAZ DE SECURITE				
B	NV	MOTOR VENTILATORE MOTORISAN MOTORISVENTILATOR MOTOR VENTILATOR	YVg1	ELETROVALVOLA GAS SOLIDO DI PRIMA FAMMA FIRST STAGE GAS SOLENOID VALVE ELECTROVALVOLA GASOLIO DE SECUELTTE/LLAMA ELECTROVALVOLA GASOLIO DE SECUELTTE/LLAMA				
B	TV	TRANSFORMATORE IGNITION TRANSFORMER TRANSFORMATOR D'ALLUMAGE	YVg2	ELETROVALVOLA GAS SOLIDO DI SECONDA FAMMA SECOND STAGE GAS SOLENOID VALVE ELECTROVALVOLA GASOLIO DE SECUELTTE/LLAMA ELECTROVALVOLA GASOLIO DE SECUELTTE/LLAMA				
C	UV	FOTOCELLULA UV CELL FOTOCÉLULA	YVGs	ELETROVALVOLA GAS SOLIDO DI SICUREZZA EXTRA SAFETY GAS SOLENOID VALVE ELETROVALVOLA GASOLIO DE SECUELTTE/LLAMA ELECTROVALVOLA GASOLIO DE SECUELTTE/LLAMA				
C	PAN	RELÉ TERMICO MOTORE/VENTILATORE MOTOR THERMAL RELAY/FAN MOTOR RELÄ THERMISCHE MOTORE/VENTILATOR RELÉ TERMIKO MOTORE/VENTILATOR	SPGmn	PRESOSTATO GAS DI MINIMA GAS PRESSURE SWITCH MIN PRESSOSTATO GAS DE MINIMA PRESSOSTATO GAS DE MINIMA OT.				
C	HBT	LAMPADA DI BLOCCO LOCKOUT LAMP LAMPE DE SECURITE ESPA DE BLOQUEO	KT_gas	LAMPADA A BLOCCO TERMICO THERMAL LOCK OUT LAMP LAMPE DE THERMAL DE SECURITE ESPA DE BLOQUEO TERMICO				
D	HIG	LAMPADA GAS GAS LAMP LAMPE DE GAZ ESPA GAS	KT_oil	TEMPORIZATORE TIMER TEMPOZATEUR TEMPORIZADOR				
D	Hg9	LAMPADA GASOLIO OIL LAMP TERMINI MAZOUT ESPA GASOLEO	KMP	CONDUTTORE MOTORE POMPA POMP REMOTE CONTROL SWITCH CONTACTEUR POMPE À POMPE EMPAQUE MOTOR ROBBA				
D	KMW	CONDUTTORE MOTORE POMPA POMP REMOTE CONTROL SWITCH CONTACTEUR POMPE À POMPE EMPAQUE MOTOR ROBBA	KMV	CONDATORE MOTORE VENTILATORE REMOTE CONTROL SWITCH FAN MOTOR CONTACTEUR MOTEUR VENTILATEUR TELERUPITOR MOTOR VENTILATOR				
E	SPS	PRESOSTATO ARIA AIR PRESSURE SWITCH PRESSOSTATO AIR PRESSOSTATO AIRE		PRESOSTATO ARIA AIR PRESSURE SWITCH PRESSOSTATO AIR PRESSOSTATO AIRE				
E	STC	TERMOSTATO CALDAIA BOILER THERM. STAT THERMOSTAT CHAUDERE TERMOSTATO CALDERA	UV					
E	PREDISPONITO							
F	LANDIS LG3B - LME22	SERVOMOTOR LANDIS SON 30.151A2700	Ecoflam Bruciatori	S.p.A	DESCRIPTION MULTICAR 120-140 AB/AB NEW/08 SR	DESIGNER A.Pozzani	SIGNATURE A.Rizzoli	2
F	LEAKAGE CONTROL	FLAME SENSOR UV		R&D DEPARTMENT R&D DEPARTMENT	CODE 420110043500	DATE FIRST CREATION 18-10-2010	DATE MODIFICATION 18-10-2010	2
F	PREDISPONITO				ECN MODIFICATION ECN MODIFICATION			2
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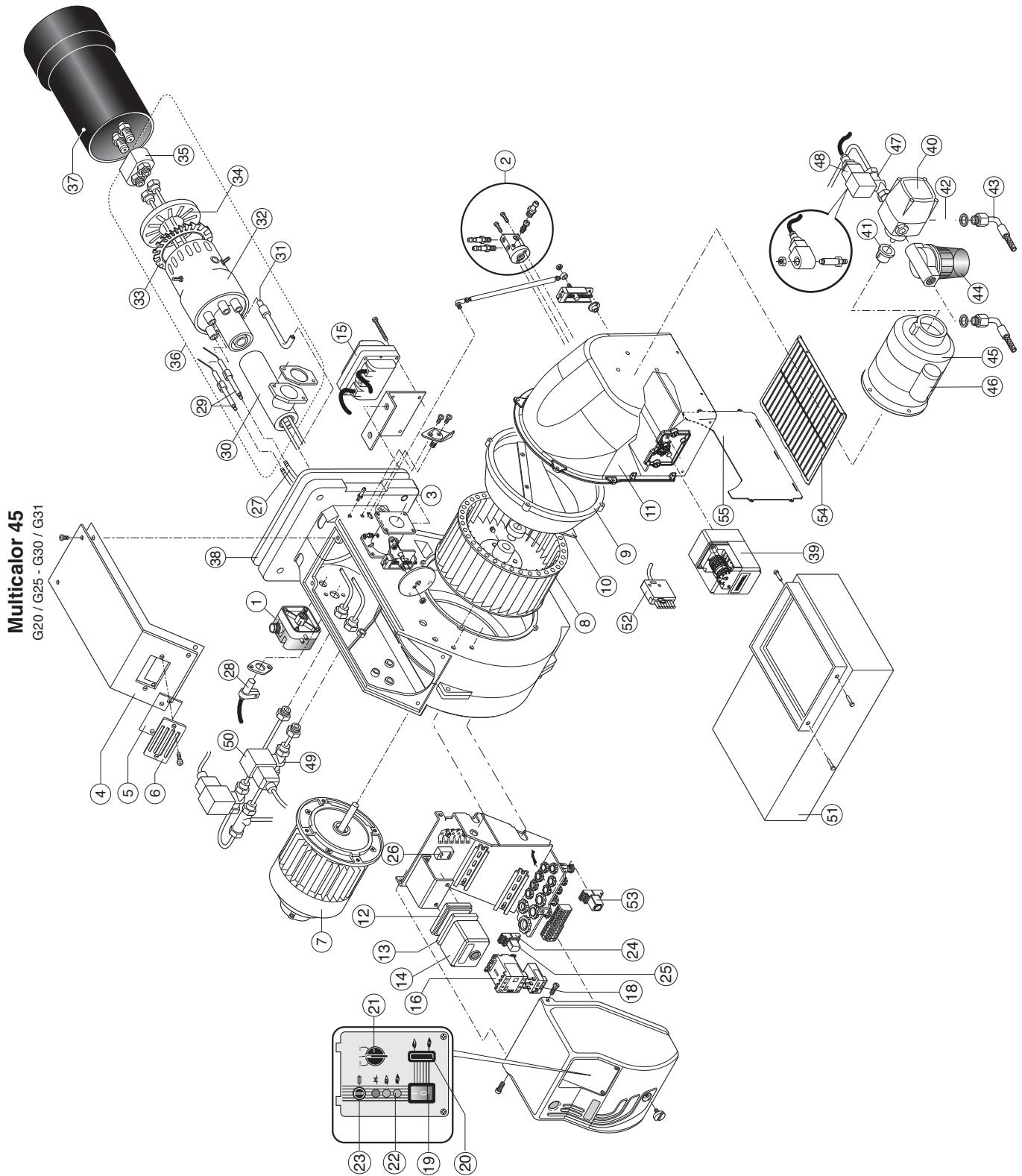


	1	2	3	4	5	6	7	8	
A	Q INTERRUTTORE GENERALE CON FUSIBILE MAIN SWITCH WITH FUSE INTERRUPTEUR GENERAL AVEC FUSIBLE	SIC THERMOSTATO CALDAIA BOILER THERMOSTAT TERMOSTATO CALDAIE	STS INTERRUTTORE DI SICUREZZA SAFETY THERMOSTAT TERMOSTATO DE SECURIDAD	S4gC COMBINATO DI CIRCUITO GAS-OIL-AUTO FIRE SWITCH OIL-GAS-AUTO INTERRUTTORE CARBON MAZZOT-GAS-AUTO COMBINATO DI CIRCUITO GAS-OIL-GAS-AUTO	SAMA INTERRUTTORE DI MANO/AUTOMATICO SWITCH (MANUAL/AUTOMATIC) INTERRUPTEUR DE MAIN/AUTOMATIQUE COMBINATO DI MANO/AUTOMATICO	YVG1 ELETROVALVOLA GAS DISCUERZA EXTRA SAFETY GAS SOLENOID VALVE ELETROVALVOLA GAS DISCUERZA ELECTROVALVULA GAS DE SEGURIDAD	YVG ELETROVALVOLA GAS DISCUERZA EXTRA SAFETY GAS SOLENOID VALVE ELETROVALVOLA GAS DISCUERZA ELECTROVALVULA GAS DE SEGURIDAD	YVG2 ELETROVALVOLA GAS DISCUERZA EXTRA SAFETY GAS SOLENOID VALVE ELETROVALVOLA GAS DISCUERZA ELECTROVALVULA GAS DE SEGURIDAD	
B	Z FILTO ANTIDISTURBO ANTIDAMPING FILTER FILTRE ANTIRASURES FILTRU DE PROTECION ANTIDISTURBO	FU FUSIBILE FUSE FUSIBLE	SAL INTERRUTTORE DI LINEA WORKING SWITCH INTERRUPTEUR DE LIGNE INTERRUPTOR DE LINEA	MP MOTORE POMPA OIL PUMP MOTOR MOTOR POMPE MOTOR BOMBA	MW MOTORE VENTILATORE MOTOR FAN MOTOR VENTILATOR MOTORVENTILATOR	TV TRASFORMATORE TRANSFORMER KONTAKT TRANSFORMER TRANSFORMATOR DALLUMAGE	UV FOTOCELLULA UV CELL CELLULE UV FOTOCELLA	FAW RELE TERMICO MOTORE VENTILATORE MOTOR THERMIC MOTOR VENTILATOR RELE TERMICO MOTOR VENTILATOR	HLB LAMPADA DI BLOCCO LOCKOUT LAMP LAURE DE SECURITE ESTA DE BLOQUEO
C				HIG LAMPADA GAS GAS LAMP LAMPADA GAZ	HIG LAMPADA DI BLOCCO THERMICO LOCKOUT THERMICO ESPA DE SECURITE ESTA DE BLOQUEO	KT_gas PRESSOSTATO GAS PRESSOSTATO GAS MIN PRESSOSTATO GAS MINIMA POT.	SPGmin PRESSOSTATO GAS MINIMA PRESSOSTATO GAS MIN PRESSOSTATO GAS MINIMA POT.	HL1 LAMPADA DI BLOCCO TERMICO LOCKOUT TERMICO ESPA DE BLOQUEO TERMICO	
D	Hlg LAMPADA GASOLIO OIL LAMP TENONAZI OUT ESTA GASOLEO	KAW CONTATORE MOTORE VENTILATORE CONTACTEUR MOTOR VENTILATOR TELEINTERRUPTOR MOTOR VENTILATOR	KAW REMOTE CONTROL SWITCH (FAN MOTOR) TELEINTERRUPTOR MOTOR VENTILATOR	SPA PRESSOSTATO ANIA AIR PRESSURE SWITCH PRESSOSTATO AIR	HL1 LAMPADA DI FUNZIONAMENTO WORKING LAMP LAMPE DE FONCTIONNEMENT ESPA DE FUNCIONAMIENTO				
E	STAB TERMOSTATO DI ALTA/BASSA FAMMA HIGH/LOW FLAME THERMOSTAT TERMOSTAT GRANDE/PETITE ALLURE	PREDIPOSTO INTERRUTTORE DI ALTA/BASSA ALLURA TERMOSTATO DE ALTA/BAJA LLAMA							
F	LANDIS&GORE 22-LME22 LEAKAGE CONTROL PREDIPOSTO	CONTROL BOX LANDIS&GORE 30.151A2700 FLAME SENSOR UV	SERVOMOTOR LANDIS&GORE 30.151A2700 FLAME SENSOR UV	Ecoflam Bruciatori S.p.A R&D DEPARTMENT	DESCRIPTION MULTICOLOR 45-100 AB/AB NEW08 (KITWIELAND/01)	DESIGNER APOLLO/08 CONTROLLER ARCONI	SHEET A1@22bvw DATE FIRST CREATION 31-01-2011	2	
	1	2	3	4	5	6	7	8	TOT SHEET 2

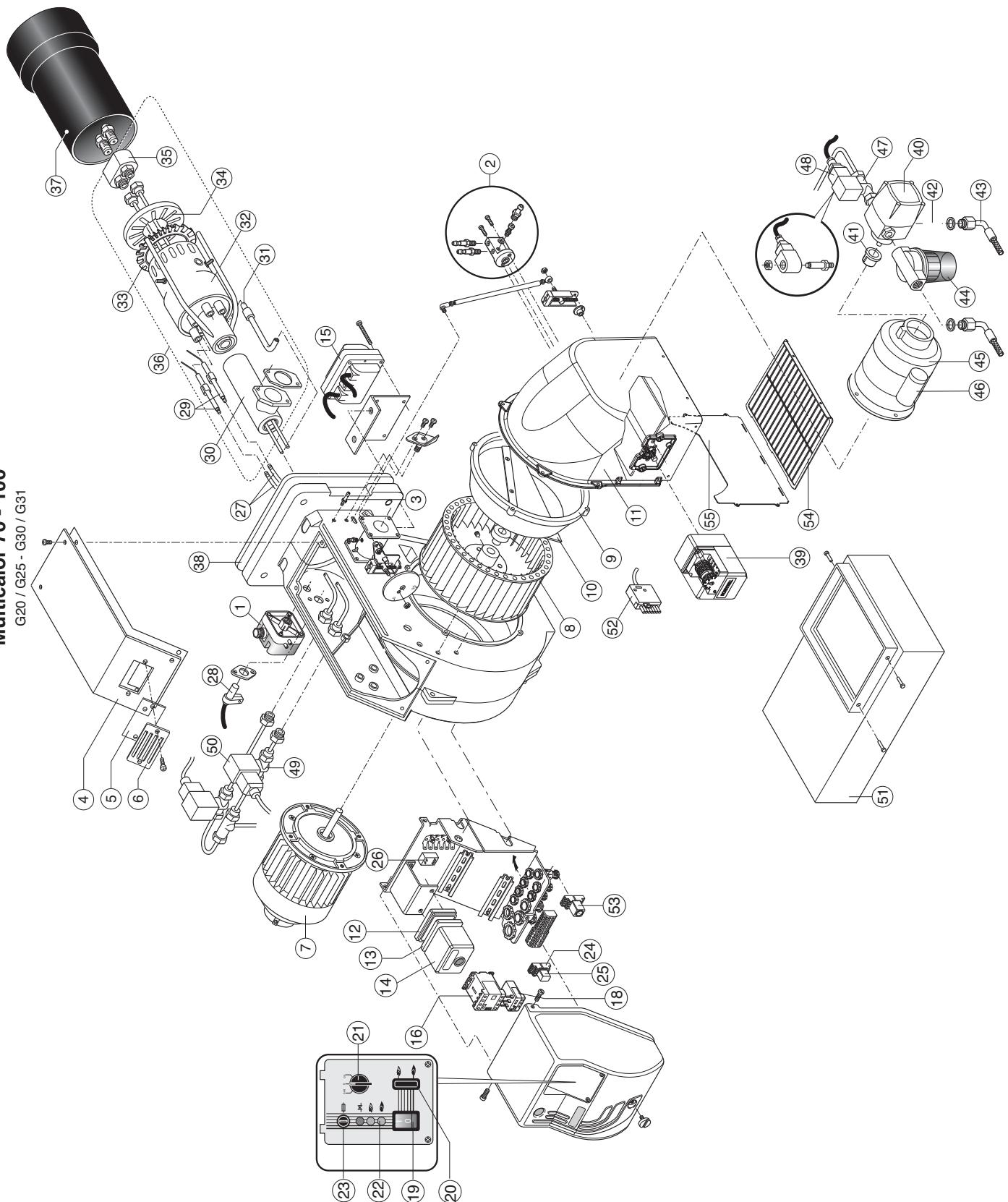
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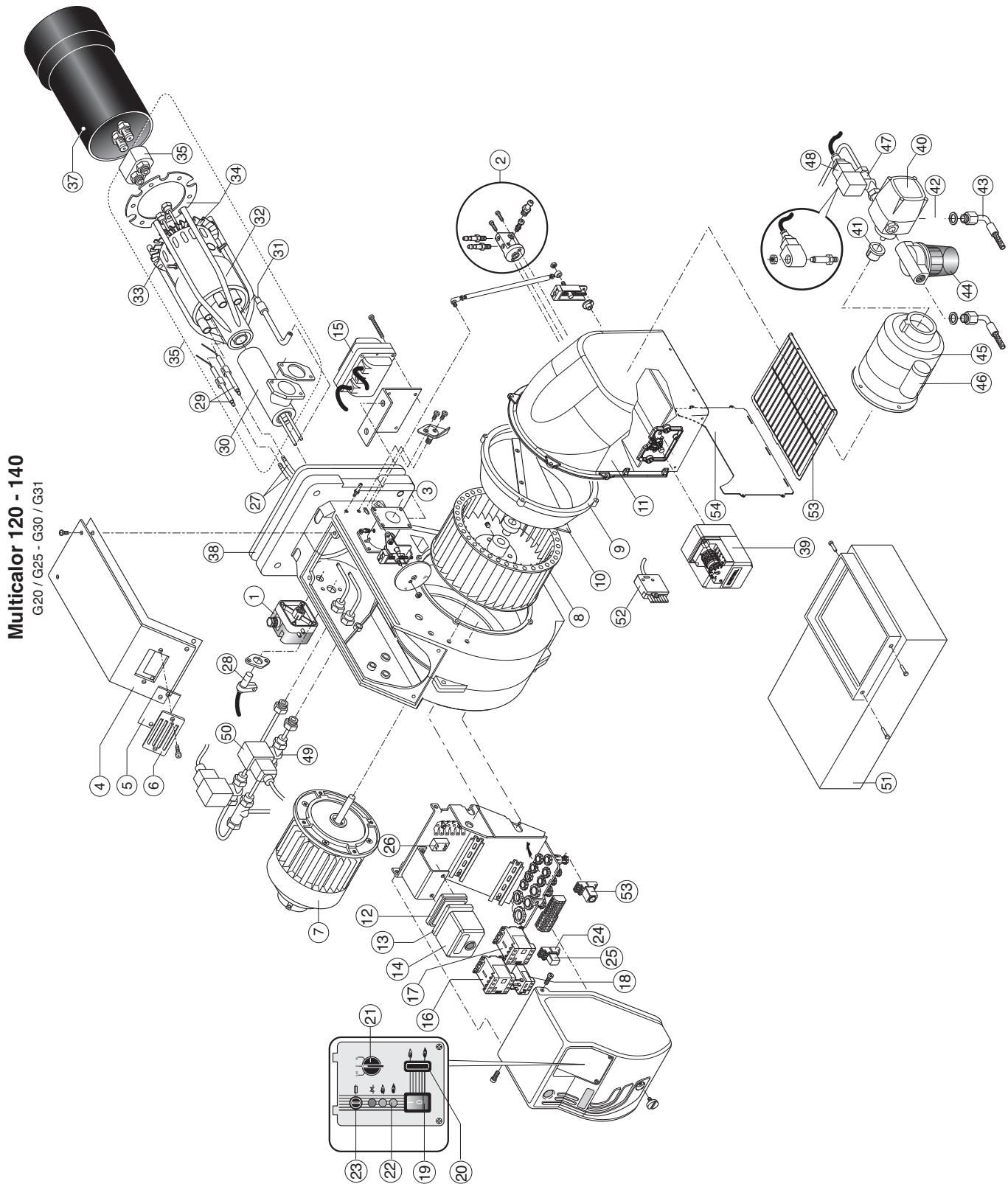


		00	01	02	03	04	05	06	07	08	09
		PAGINA DI 2/2									
A	Q	INTERRUTTORE GENERALE CON FUSIBILE MAIN SWITCH WITH FUSE INTERRUPTEUR GÉNÉRAL AVEC FUSIBLE INTERROTTORE GENERAL CON FUSIBILE	SPA	PRESOSTATO ARIA AIR PRESSURE SWITCH PRESOSTATO AIR PRESOSTATO AIRE							
A	Z	FILTRANTE ANTIDISTURBO ANTIDISTURB FILTER FILTRANTE PROTEZIONE ANTIDISTURBO	STC	TERMOSTATO CALDAIA BOILER THERMOSTAT THERMOSTAT CHAUFFAGE THERMOSTATO CALDEA							
B	FU	FUSIBILE FUSE FUSIBLE FUSIBLE	STS	TERMOSTATO DI SICUREZZA SAFETY THERMOSTAT THERMOSTAT DE SECURITE THERMOSTATO DE SEGURIDAD							
B	K42	RELÉ RELAY RELAIS RELE	SAL	INTERRUTTORE DI LINEA WORKING SWITCH INTERRUPTEUR DE LIGNE INTERRUPTOR DE LINEA							
B	MP	MOTORE POMPA OIL PUMPMOTOR MOTOR POMPE MOTORBOMBA	YVG1	ELETROVALVOLA GAS/PARMA E BANIMA FIRST STAGE GAS/SOLID GAS VALVE ELECTROVALVOLA GAS/PARMA ELECTROVALVOLA GAS/PARMA							
C	MV	MOTORE VENTILATORE MOTOR VENTILATOR MOTORVENTILATOR MOTORVENTILADOR	YVG5	ELETROVALVOLA GAS/OLIO DI SICUREZZA EXTRA SAFETY GAS/OLIO DI PRIMA FIAMMA ELECTROVALVOLA GAS SE SICURIDAD ELECTROVALVOLA GAS DE PRIMERA LLAMA							
C	TV	TRANSFORMATORE IGNITION TRANSFORMER TRANSFORMATOR D'ALLUMAGE TRANSFORMADOR	YVG7P	ELETROVALVOLA GAS/PINTA PILOT FLAME SOLID GAS VALVE ELECTROVALVOLA GAS SPILLOTE ELECTROVALVOLA GAS SPILLOTO							
D	UV	FOTOCELLULA UV CELL CELLULE UV FOTOCELL	Ygj1	ELETROVALVOLA GAS/OLIO DI PRIMA FIAMMA FIRST STAGE GAS/OLIO DE PRIMERA LLAMA ELECTROVALVOLA GAS/PARMA ET LUMINE ELECTROVALVOLA GAS/OLIO DE PRIMERA LLAMA							
D	FMP	RELÉ TERMICO MOTORE POMPA MOTORPUMP THERMAL RELAY RELÄ THERMISCHE MOTOR PUMPE RELÉ TERMICO MOTORBOMBA	Ygj2	ELETROVALVOLA GAS/OLIO DI SECONDA FIAMMA SECOND STAGE GAS/OLIO GASOLINE ELECTROVALVOLA GAS/OLIO DE SEGUNDA LLAMA ELECTROVALVOLA GAS/OLIO DE SEGUNDA LLAMA							
D	FAM	RELÉ TERMICO MOTORE VENTILATORE MOTOR THERMAL RELAY FAN MOTOR RELÀ THERMIQUE MOTEUR VENTILATEUR RELÉ TERMICO MOTORVENTILADOR	Ygs	ELETROVALVOLA GAS/OLIO DI SICUREZZA EXTRA SAFETY GAS/SOLID GAS VALVE ELECTROVALVOLA GAS/OLIO DE SEGURIDAD							
D	HLB	LAMPADA DI BLOCCO LOCK OUT LAMP LAMPÈ D'ESENTE ESPA GASOLIO	SPGmin	PRESOSTATO GAS/DINNIA GAS PRESSURE SWITCH/AN PRESSOSTAT GAS DE DINNIA PRESSOSTATO GAS DE DINNIA POT.							
D	HIG	LAMPADA GAS GAS LAMP LAMPÈ D'GAZ ESPA GAS	HUBT	LAMPADA A BLOCCO TERMO THERMAL LOCKOUT LAMP LAMPE DE BLOQUE TERMIQUE ESPA DE BLOQUEO RELE TERMO							
E	Hlg	LAMPADA GASOLIO OIL LAMP TEMONIAZOUT ESPA GASOLEO	Kt_gs	TEMPORIZZATORE TIMER TEMPOZIATOR TEMPORIZATOR							
E	KWP	CONTATTORE MOTORE POMPA POMP REMOTE CONTROL SWITCH CONTACTEUR MOTEUR POMPE EMPALEME MOTOR ROMBA	Kt_oil	TEMPORIZZATORE TIMER TEMPOZIATOR TEMPORIZATOR							
E	KM	CONTATTORI MOTORE VENTILATORE REMOTE CONTROL SWITCH/HAN KONTOR CONTACTEUR MOTEUR VENTILATEUR TELERUTTORI MOTOR VENTILATOR									
PROPRIETÀ RISERVATA ALLA DITTA ECOFILM SPA ATTEMPIE DI LEGGE E VIETATO RIPRODURRE O COMMUNICARE A TUTTI IL CONTENUTO DEL PRESENTE											
DINOMINAZIONE											
MOTORIDUTTORE											
LANDIS SQN 30.151A2/00											
BEM43375											
IND/MOD.	DATA FIRMA	DESCRIZIONE NOFICA									
SOSTI.		DATA	DATA	DISEGNATO	DATA	CONTROLLO	DATA	SST/RIVELAZ.	COUCHE	IND/NOFICA	
SOSTDA.											



Multicolor 70 - 100
G20 / G25 G30 / G31





			Multicalor 70	Multicalor 100
			code	code
1	AIR PRESSURE SWITCH	DUNGS LGW10 A2P	65323047	65323047
2	AIR INTAKE SET		65322346	65322346
3	COVER		65320489	65320489
4	BURNER COVER		65320674	65320674
5	GLASS		65320487	65320487
6	VIEWING WINDOW		65320488	65320488
7	MOTOR	740 W	65322834	-
		1100 W	-	65322803
8	FAN	250 X 84	65321777	-
		260 X 98	-	65321776
9	AIR CONVEYOR		65320639	65320639
10	FAN SCOOP		65320622	65320622
11	AIR INTAKE		65324812	65324812
12	ADAPTER	LANDIS AGQ1.1A27	65322038	65322038
13	CONTROL BOX BASE	LANDIS	65320092	65320092
14	CONTROL BOX	LANDIS LGB22	65320034	65320034
15	IGNITION TRANSFORMER	COFI 1020 CM	65323223	65323223
16	REMOTE CONTROL SWITCH	MC9.10	65323126	-
		BF12.10	-	65323129
17	REMOTE CONTROL SWITCH (PUMP)		-	-
18	MOTOR THERMAL RELAY	Lovato RF9 2-3,3A	65074494	-
		Lovato RF9 3-5A	-	65074495
19	MAIN SWITCH	cod.40100I1509	65323064	65323064
20	HIGH-LOW FLAME SWITCH	cod.360000001	65323065	65323065
21	GAS/LIGHT-OIL SELECTOR		65323067	65323067
22	LAMP	EL/N-SC4 Elettrospring	65322053	65322053
23	FUSE SUPPORT	FUSIT FH-B528	65322181	65322181
24	RELAY BASE	FINDER 5534	65323150	65323150
25	RELAY	FINDER 5534	65323140	65323140
26	ANTIJAMMING FILTER		65323170	65323170
27	IGNITION CABLE	TC	65320940	65320940
		TL	65320942	65320942
28	UV CELL	LANDIS QRA2	65320075	65320075
29	IGNITION ELECTRODES SET		65322322	65322322
30	PIPE		65321638	65321638
31	ROD		65320230	65320230
32	FIRING HEAD	TC	65321639	65321639
		TL	65324760	65324760
33	REAR DISC		65324760	65324760
34	FRONT DISC		65320808	65320808
35	NOZZLE HOLDER		65320711	65320711
36	INNER ASSEMBLY	TC	65322502	65322502
		TL	65322503	65322503
37	BLAST TUBE	TC	65320411	65320402
		TL	65320412	65320403
38	GASKET		65321117	65321117
39	AIR DAMPER MOTOR	LANDIS SQN 30.151A2700	65322897	65322897
40	OIL PUMP	SUNTEC AS 67 B (versione D) SUNTEC D 67A	65322960 65322956	-
		SUNTEC AN 77 A	-	65322953
		DANFOSS RSA 60	-	65322964
41	COUPLING		65322918	65322920
42	NIPPLE	TN 6x1500	65323194	65323194
43	HOSES	TN 14x1200	65323184	65323184
44	OIL FILTER	art. 70301-01P	65324051	65324051
45	PUMP MOTOR	200 W	65322789	65322789
46	CONDENSATOR	6.3 µF	65321852	65321852
47	OIL VALVE	DELTA 1/8 F.84	65323754	65323754
48	COIL	DELTA	65323765	65323765
49	OIL VALVE	PARKER SCEM VE131	65323624	65323624
50	COIL	PARKER	65323782	65323782
51	SILENCER	(OPTION)	65074536	65074536
52	PLUG WIELAND	6 pin	65322072	65322072
53	TIMER	(AUTOMATIC CHANGEOVER)	65324212	65324212
54	PROTECTION		65324049	65324049
55	SHEET CLOSING		65324050	65324050

TC = SHORT HEAD TL = LONG HEAD

N°	DESIGNATION	DESCRIPCION		Multicolor 140
1	PRESSOSTAT AIR	PRESOSTATO AIRE	DUNGS LGW10 A2P	code 65323047
2	SET DE PRISES D'AIR	COJUNTO TOMAS DE AIRE		65322346
3	COUVERCLE	TAPA		65320489
4	COUVERCLE DU BRULEUR	TAPA QUEMADOR		65320674
5	HUBLOT	VIDRIOSO		65320487
6	PROTECTION HULBOT	SOPORTE VIDRIOSO		65320488
7	MOTEUR	MOTOR	2200 W	65322841
8	VENTILATEUR	VENTILADOR	260 x 110	65321775
9	CONVOYEUR D'AIR	CONDUCTO DE AIRE		65320639
10	SURPRESSEUR	SURPRESSORE		65320622
11	BOITE D'AIR	REJILLA DE PROTECCION		65324054
12	ADAPTATEUR	ADACTADOR	LANDIS AGQ1.1A27	65322038
13	SOCLE	BASE DEL EQUIPO	LANDIS	65320092
14	COFFRET DE SECURITE	EQUIPO CONTROL LLAMA	LANDIS LGB22	65320034
15	TRASFORMATEUR D'ALLUMAGE	TRANSFORMADOR	COFI 1020 CM	65323223
16	TELERUPTEUR	EMPALME MOTOR VENTILADOR	BG0910A	65323138
17	TELERUPTEUR (POMPE)	EMPALME MOTOR (BOMBA)	BG0910A	65323138
18	RELAIS THERMIQUE	TERMICO	Lovato RF9 4,5, 7,5A	65323101
19	INTERRUPTEUR DE TRAVAIL	INTERRUPTOR DE LINEA	cod.40100I1509	65323064
20	INTERRUPTEUR 1RE. ET 2ME. ALLURE	INTERRUPTOR 1º-2º LLAMA	cod.360000001	65323065
21	SELECTOR	GAS/GASOLEO CONMUTADOR		65323067
22	LAMPE	ESPIA	EL/N-SC4 Elettrospring	65322053
23	PORTEFUSIBLE	PORTAFUSIBLE	FUSIT FH-B528	65322181
24	SOCLE RELAIS	BASE DEL RELE'	FINDER 5534	65323150
25	RELAIS	RELE'	FINDER 5534	65323140
26	FILTRE ANTIPARASITES	FILTRO DE PROTECION ANTIDISTURBIO		65323170
27	CABLE D'ALLUMAGE	CABLE DE ENCENDIDO	TC	65320940
			TL	65320942
28	PHOTOCELLULE	FOTOCELULA	LANDIS QRA2	65320075
29	ELECTRODE D'ALLUMAGE	ELECTRODO		65322322
30	TUYAU SUPPORT TETE	TUBO		65321638
31	SUPPORT	SOPORTE CABEZA DE COMBUSTION		65320230
32	TETE DE COMBUSTION	CABEZA DE COMBUSTION	TC	65321641
			TL	65321642
33	ASSIEME DISCO	DISC ASSEMBLY		65322310
34	DISQUE ANTERIEUR	DISCO ANTERIOR		-
35	PORTE GICLEUR	PORTAINJECTOR		65320711
36	GROUPE TETE DE COMBUSTION	GRUPO CABEZA DE COMBUSTION	TC	65322504
			TL	65322504
37	GUEULARD	TUBO LLAMA	TC	65320419
			TL	65320420
38	JOINT	JUNTA		65321119
39	SERVOMOTEUR	MOTORREDUCTOR	LANDIS SQN 30.151A2700	65322897
40	POMPE	BOMBA	SUNTEC AJ6CC10002P	65322950
41	JOINT D'ACCOUPLEMENT	ACOPLAMIENTO		65322920
42	MAMELONS	TUERCA	TN 6x1500	65323194
43	FLEXIBLES	LATIGUILLOS	TN 14x1200	65323184
44	FILTRE	FILTRO	art. 70301-01P	65324051
45	MOTEUR POMPE	MOTOR BOMBA	370 W	65322775
46	CONDENSATEUR	CONDENSADOR	14 µF	65321854
47	VANNE	VALVULA GASOLEO	DELTA 1/8 F.84	65323754
48	BOBINE	BOBINA	DELTA	65323765
49	VANNE	VALVULA GASOLEO	PARKER SCEM VE131	65323624
50	BOBINE	BOBINA	PARKER	65323782
51	SILENCIEUX	SILENCIADOR	(OPTION)	65074536
52	FICHE MALE WIELAND	ESPINA WIELAND	6 pin	65322072
53	TEMPORIZATEUR	TEMPORIZADOR	(AUTOMATIC CHANGEOVER)	65324212
54	PROTECTION	PROTECCION		65324049
55	FEUILLE FERMANTE	HOJA CERRADA		65324050

TC = TETE COURTE / CABEZA CORTA TL = TETE LONGUE / CABEZA LARGA