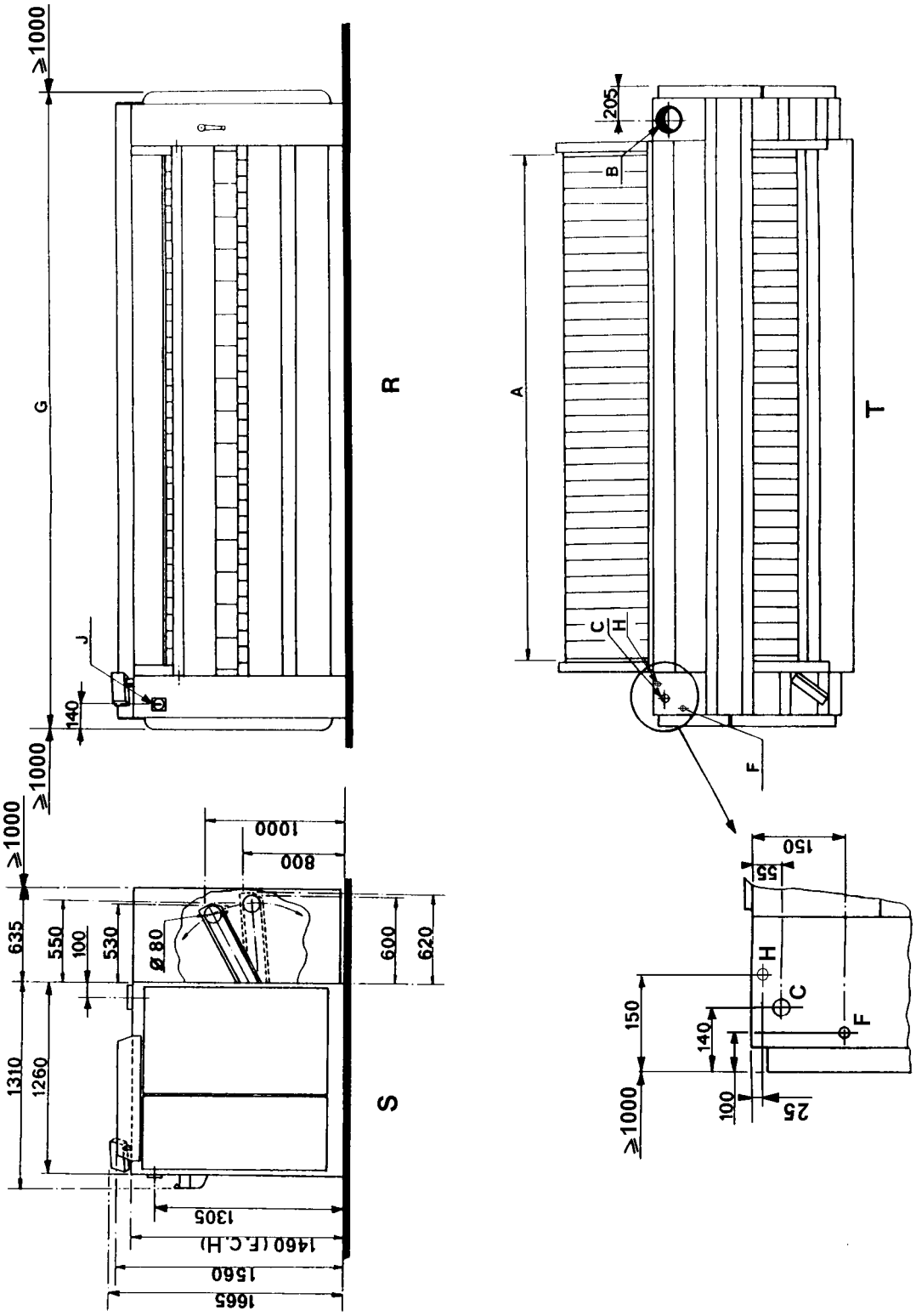
IM 6431 LFA GAS HEATING
or
IM 6431 FFL/FFS GAS HEATING
or
IM 6431 A GAS HEATING
or
IM 6431 GAS HEATING

Chapters

07100041


≥1000
G
R
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Ø 80
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1260
S
1305
1460 (F.C.H)
1560
1665
205
B
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T
C
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H
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LAYOUT FOR IRONER, FOLDER WITH FRONT OR REAR OUTLET
GAS HEATING
KEY TO DRAWING N° 07100041

BENCHMARKS

A/ LENGTH OF REAR DELIVERY TABLE

B/ DRAIN OF VAPOUR DIRECT TO OUTSIDE

C/ GAS INLET

F/ ELECTRIC POWER SUPPLY

G/ OVERALL LENGTH

H/ COMPRESSED AIR INLET : PRESSURE 8 BAR (CUSTOMER)

J/ MAIN SWITCH AND ELECTRIC CONNECTION
(EARTH CONNECTION COMPULSORY)

R/ FRONT VIEW

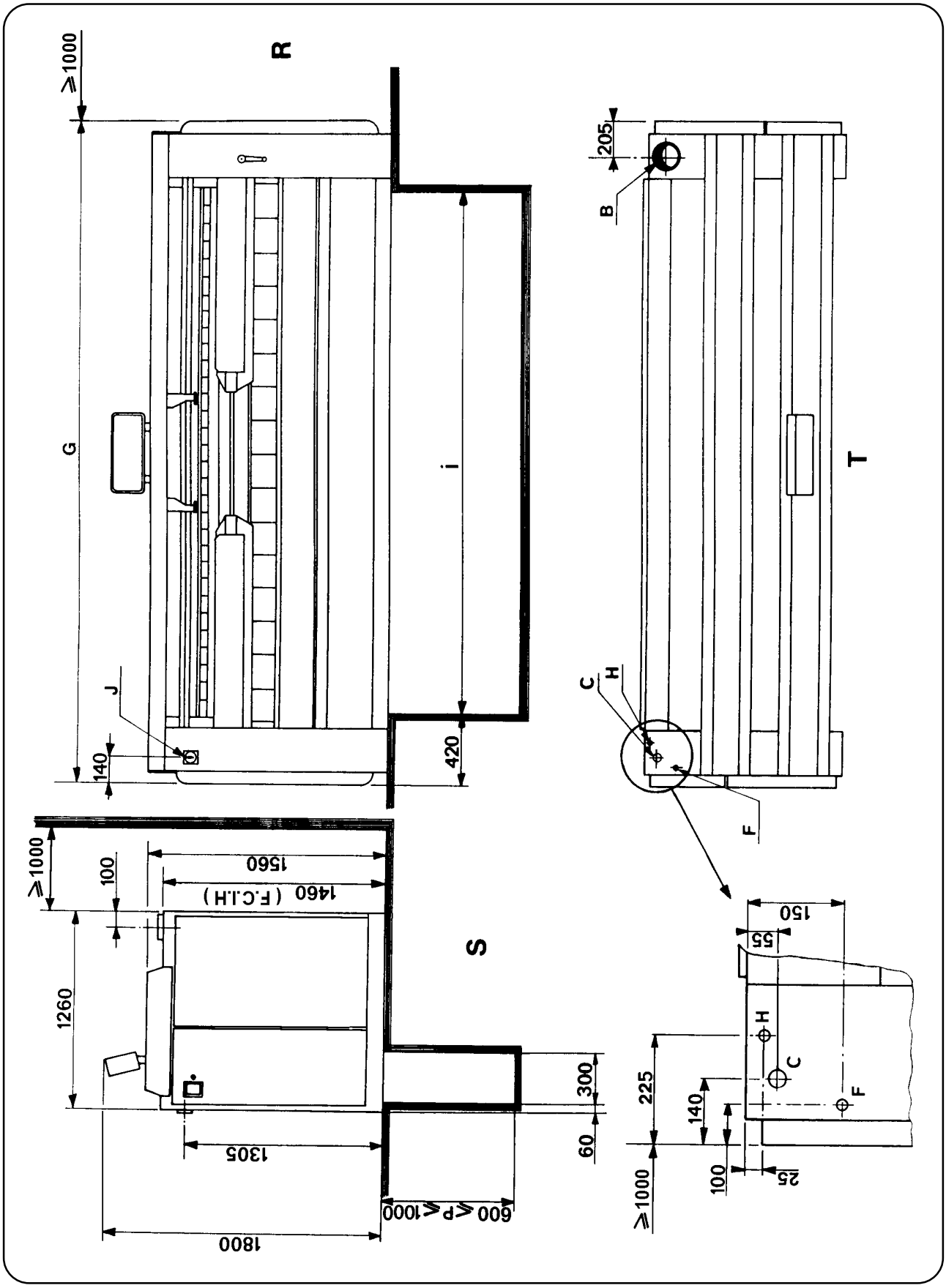
S/ SIDE WIEW

T/ TOP WIEW

t0387gb

dimensions in mm			**Gas heating**
A	mm		3180
B	inner diameter		160
C	diameter		20/27
F	Amperes	415 V	12
F	Cable section in mm²	415 V	4 x 2.5
G	mm		3940
H	diameter		15/21

07100042


R
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S
≥1000
G
i
J
140
420
205
B
C
H
F
150
55
225
140
100
25
1560
1460 (F.C.I.H)
100
1260
1305
1800
600 ≤ P ≤ 1000
300
60

LAYOUT FOR FEEDER, IRONER, FOLDER WITH SIDE DELIVERY
GAS HEATING
KEY TO DRAWING N° 07100042

BENCHMARKS

B/ DRAIN OF VAPOUR DIRECT TO OUTSIDE

C/ GAS INLET

F/ ELECTRIC POWER SUPPLY

G/ OVERALL LENGTH

H/ COMPRESSED AIR INLET : PRESSURE 8 BAR (CUSTOMER)

I/ LENGTH OF FEEDING PIT

J/ MAIN SWITCH AND ELECTRIC CONNECTION
(EARTH CONNECTION COMPULSORY)

P/ DEPTH OF FEEDING PIT

R/ FRONT VIEW

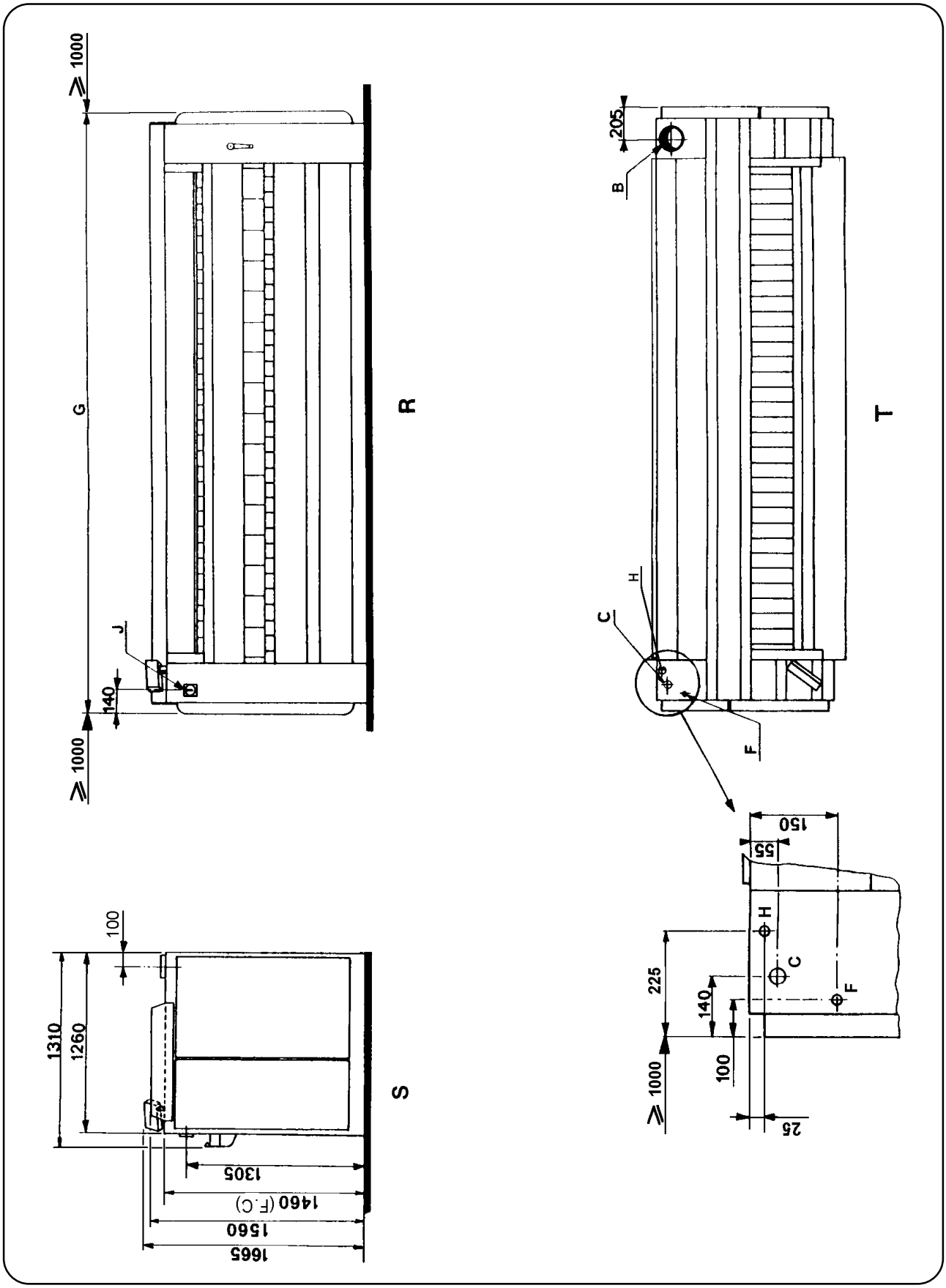
S/ SIDE WIEW

T/ TOP WIEW

t0388gb

dimensions in mm			**Gas heating**
B	inner diameter		160
C	diameter		20/27
F	Amperes	400 V 415 V	12
F	Cable section in mm²	400 V 415 V	4 x 2.5
G	mm		3940
H	diameter		15/21
I	mm		3100

07100051


≥ 1000
G
J
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≥ 1000
R
205
B
H
C
F
T
150
55
H
C
F
225
140
100
≥ 1000
25
100
1310
1260
1305
1460 (F.C)
1560
1665
S

LAYOUT FOR IRONER
GAS HEATING
KEY TO DRAWING N° 07100051

BENCHMARKS

B/ DRAIN OF VAPOUR DIRECT TO OUTSIDE

C/ GAS INLET

F/ ELECTRIC POWER SUPPLY

G/ OVERALL LENGTH

J/ MAIN SWITCH AND ELECTRIC CONNECTION (EARTH CONNECTION COMPULSORY)

R/ FRONT VIEW

S/ SIDE WIEW

T/ TOP WIEW

t0181gb

dimensions in mm			**Gas heating**
B	inner diameter		160
C	diameter		20/27
F	Amperes	415 V	12
F	Cable section in mm²	415 V	4 x 2.5
G	mm		3940

Gas connection

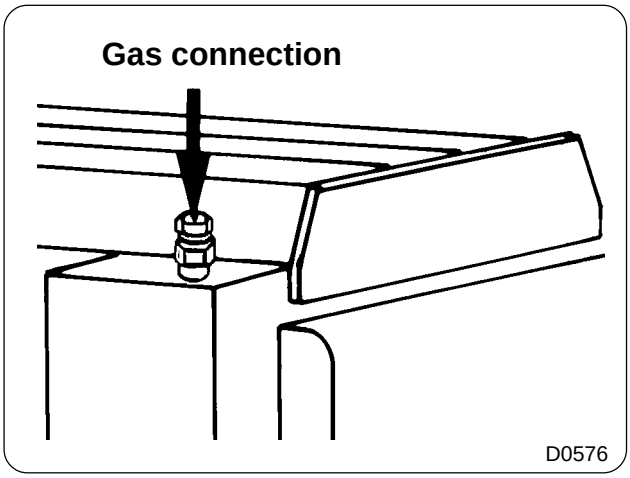
The installation, connection and gas arrival adjustments for the machine must be done by qualified personnel only.

Gas supply DN 20 (¾" BSP)

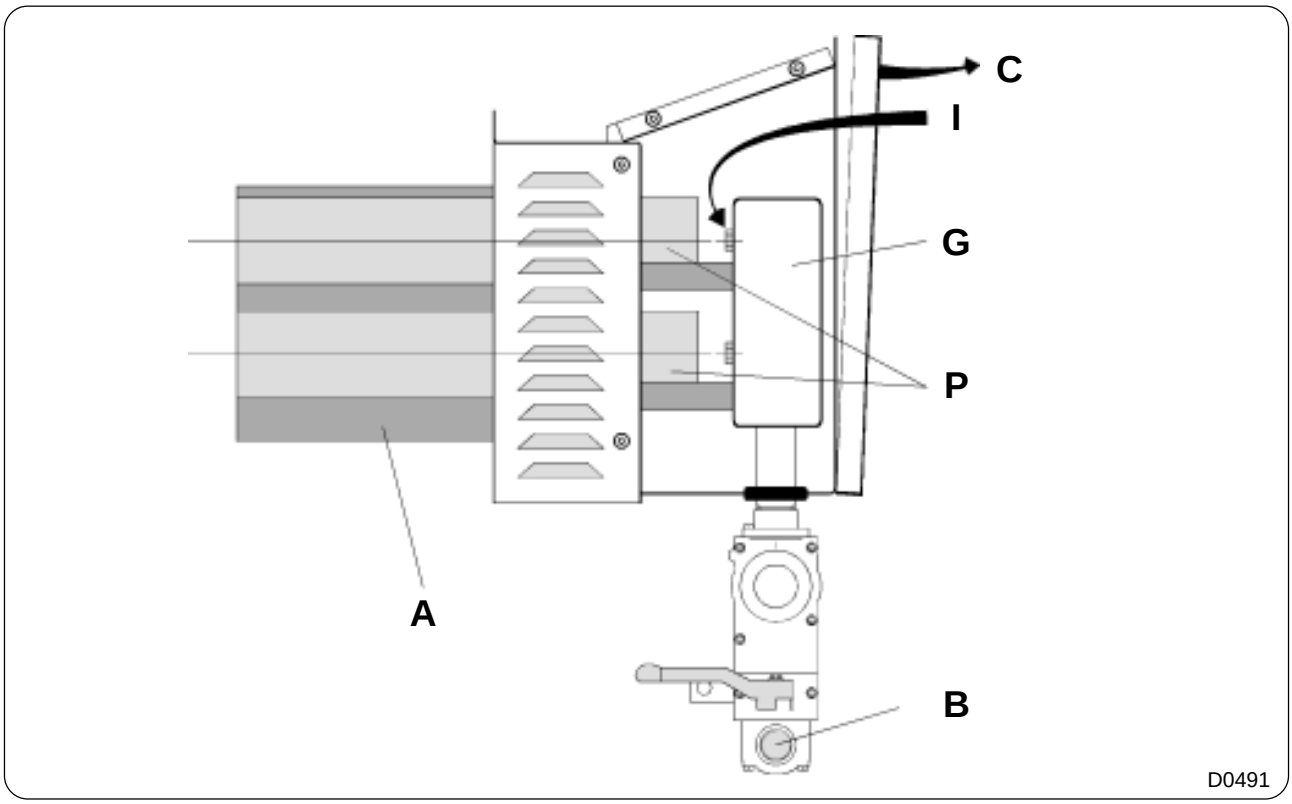
The customer must install a filter and a manual stop valve on the supply side of the machine if natural gas is used.

For butane or propane, the customer must install a filter, a manual closing valve and a pressure reducer.

Connect the installation above of the machine.



A : Gas burner
B : Gas inlet
C : Air filter
I : Injectors
G : Service tank
P : Venturis



The machine is adjusted at the plant to be suitable for the kind of gas specified on the order. If you have to supply your machine with gas in a family different from the gas for which your machine was adjusted, proceed as follows:

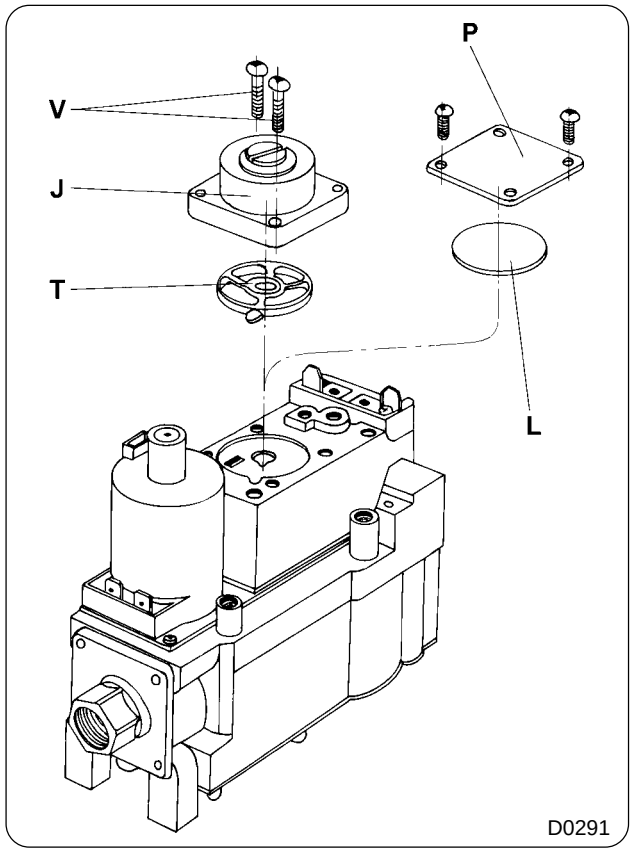
Check that the diameter of the injectors is adequate for the kind of gas of your installation (see table of injectors). The machine is delivered with extra injectors in a plastic envelope.

Testing pressures

According to the EN 437 standard, the values of the testing pressures mentioned in our various documents are values for static pressures taken at the gas inlet connection of the machine; the heating of the machine being on.

Changing to a gas in the same family (type H or L)

- Change the 3 injectors with joints and if necessary, adjust the air flow (see tables of correspondences).
- Adjust the gas outlet pressure (see correspondence in the tables).



Changing to a gas in a different family (from type H or L to butane or propane)

- Change the 3 injectors with joints (see correspondence in the tables).
- Unscrew the fixing screws (V) and remove the adjusting head (J) as well as its cork (T), keep these parts in case a change would be necessary.
- Replace it by the cork (L) and the plate (P).
- Screw the two screws and block.
- Adjust the air flow (see correspondence in the tables).

Changing to a gas in a different family (from butane or propane to type H or L)

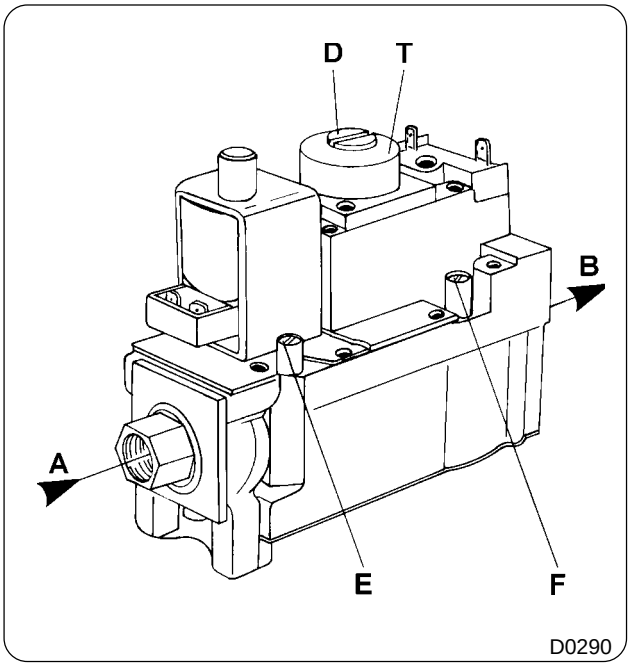
- Change the 3 injectors with joints (see correspondence on the tables).
- Unscrew the fixing screws (V) and remove the plate (P) as well as the cork (L), keep these parts in case a change would be necessary.
- Set the cork (T) and the adjustment head (J).
- Screw the two screws (V) and block.
- Adjust the air flow (see correspondence in the tables).

IMPORTANT

Adjustments should be made by qualified personnel only.

Adjustment and checking of the outlet pressure

The gas outlet pressure of the solenoid valve is adjusted at the factory. If you have to make another adjustment, proced as follows.



A Inlet

B Outlet

D Outlet pressure regulator adjustment screw plug

E Inlet pressure tapping

F Outlet pressure tapping

T Head regulation

1/ Close the gas inlet and remove the binding screw from the pressure tapping (F) and connect the manometer tube.

2/ The electricity supply must be energized otherwise gas will not be supplied to the burner.

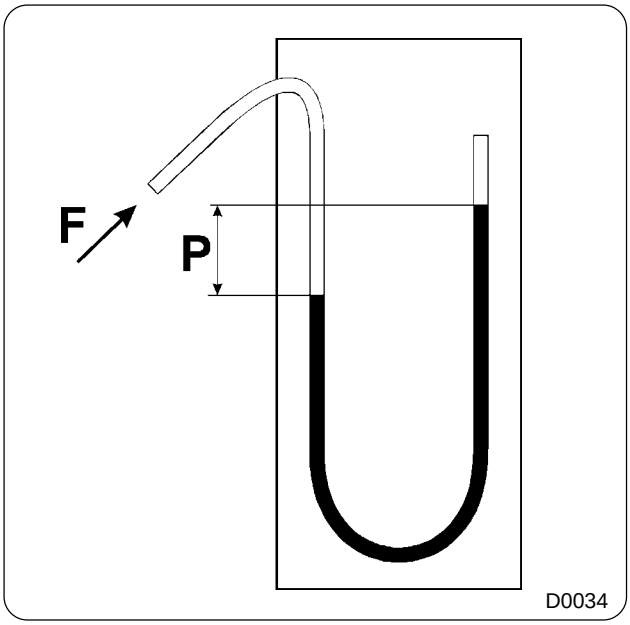
3/ Open and check the gas inlet main burner using the manometer on the pressure tapping (F).

4/ Remove pressure regulator cap (D).

5/ Using a screwdriver, slowly turn the adjustment screw until the required pressure (P) is indicated on manometer (see tables on the following pages).

Turn the adjustment screw clockwise to increase and counter-clockwise to decrease gas pressure.

6/ Reset the pressure regulator cap, close off the gas inlet, remove the manometer tube and put the binding screw back in (F).



t0397gb

TABLE OF CORRESPONDENCES - Ironer 3.1 m

Category index	Type of gas	Working supply pressure in mbar	H i	Ø of injectors in mm	Pressure at injectors (mm H2O)	Heat emission Qn in kW (H i)	Consumption Mn in kg / h	Consumption Vn in m³ / h
*** 2E, 2H, 2ESI**	**G 20**	20	in MJ/ m³ 34.02	4.00	114	65	-	6.87
2 L, 2ESI	**G 25**	25	in MJ/ m³ 29.25	4.00	160	65	-	7.99
3 +	**G 30 G 31**	28-30/37	in MJ/ kg 45.65 46.34	2.30	-	65	5.12 5.05	-
3 B / P	**G 30 G 31**	50	.in MJ/ kg 45.65 46.34	2.05	-	65	5.12 5.05	-
3 B / P	**G 30 G 31**	30	.in MJ/ kg 45.65 46.34	2.30	-	65	5.12 5.05	-
3 P	**G 31**	50	in MJ/ kg 46.34	2.10	-	65	5.05	-

* for Belgium, no work is allowed between G20 and G25.

Note : G20 = natural gas, Lacq type **G25 = natural gas, Groningue type**
G30 = butane gas **G31 = propane gas**

IMPORTANT

Tightness test after installation

The gas leak test is performed as follows:

1/ Paint pipe joints, pilot gas tubing connections and inspect outlets with rich soap and water solution; do not use an aggressive soap.

2/ Put the machine into service. Bubbles indicate a gas leak.

3/ Eliminate this leak.

Check-out

Before leaving, put the appliance into operation and allow to run a complete cycle. Watch to ensure that all burner system components function correctly.

Connection of the dryer evacuation system

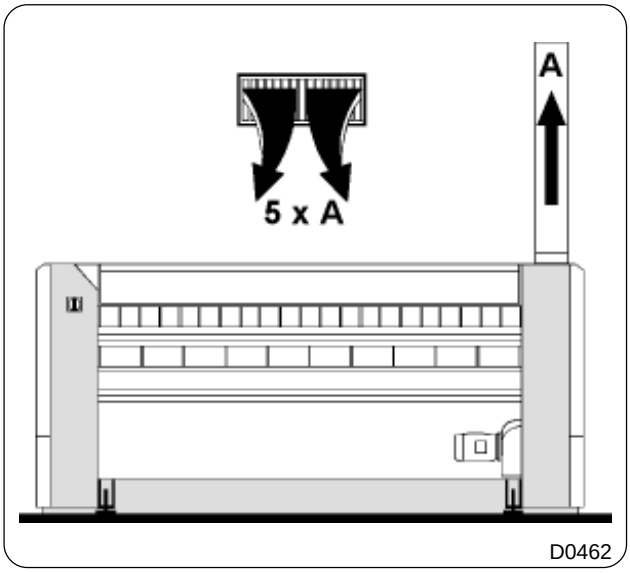
Fresh air inlet

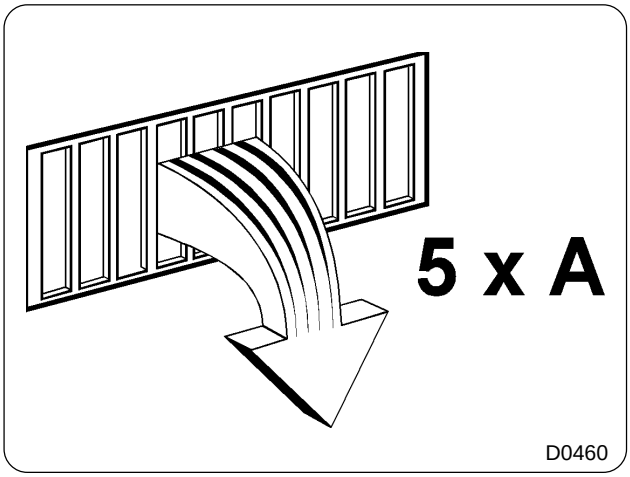
To allow the dryer ironer to work at its best, it is important that the laundry air inlet passes through an opening from the outside.
The fresh air arrival must be equivalent to the volume of evacuated air.
In order to prevent drafts in the room, the best solution is to place the air inlet behind the machine.

In the case of a machine with gas heating, it is essential that the rooms should be ventilated.

The free section of the air inlet must be 5 times greater than the section of the evacuation pipe.

Do not forget to allow for the fact that grills often occupy half the total area of the free air opening.





Evacuation duct

It is recommended that a separate smooth-walled evacuation duct should be connected to each dryer, providing the least possible resistance to air.

Check that the shaft flow is at least twice the capacity of the ironer exhaust fan.

It is essential that the diameter of the evacuation pipe should be selected as a function of each installation so that the pressure loss never exceed 200 Pa (value measured at ambient temperature).

These conditions are **ABSOLUTELY ESSENTIAL** for correct working of the ironer.

Gas heating specifications.

Evacuation of vapour from a dryer ironer with gas heating must never be connected to the evacuation used for a gas heating machine and a dry cleaning machine or other machine of the same type.

Fan maximum flow rate with no pressure : 800 Pa.

Average temperature of exhaust at the machine outlet for gas heating : 95 °C

For gas heating, the required combustion fresh air supply should be not less than 2 m³/h per kW either 130 m³/h.

NOTE : if the flow is insufficient due to an excessive pressure loss, a safety pressure switch will automatically switch the heating off.

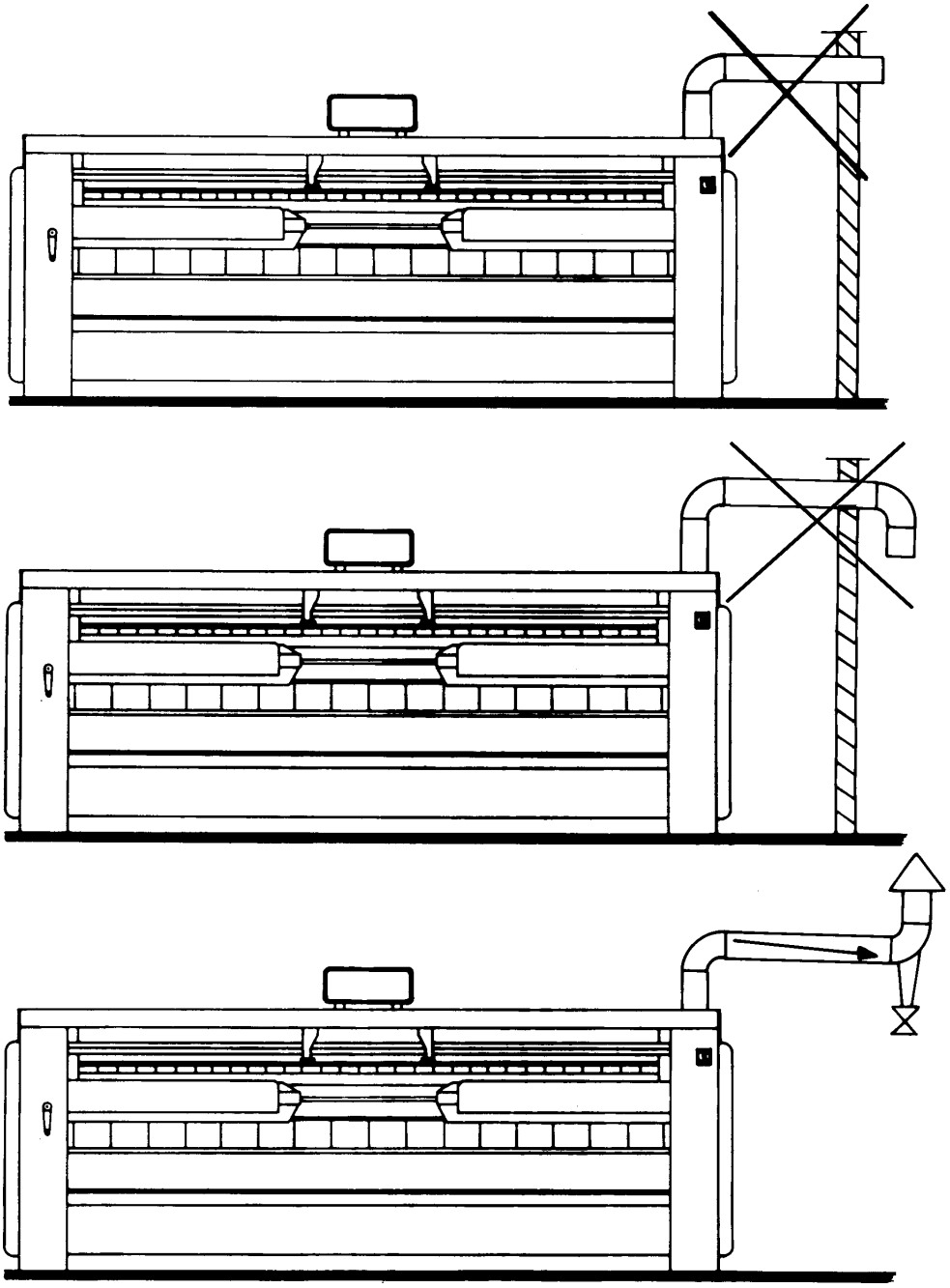
Values of the adjustment of safety pressure switch 7 mmH_2O

The machine should be installed in conformity with the regulations and standards enforced and situated in a correctly ventilated room.

If you detect gas smells, turn off the gas, open the windows, do not activate any switch and warn the maintenance service.

The duct must lead to the outside and must be fitted with protection against the weather and foreign bodies.

D0059



IRONER FOLDER WITH FRONT OUTLET OR REAR OUTLET
IRONER WITH REAR OUTLET
OR IRONER
GAS HEATING

A/ GENERAL CONTROL AND MOVEMENT

1. Voltage indicator
2. "OFF" key
3. "ON" indicator
4. "ON" key
5. Ironing speed indicators
6. Ironing speed adjustment button

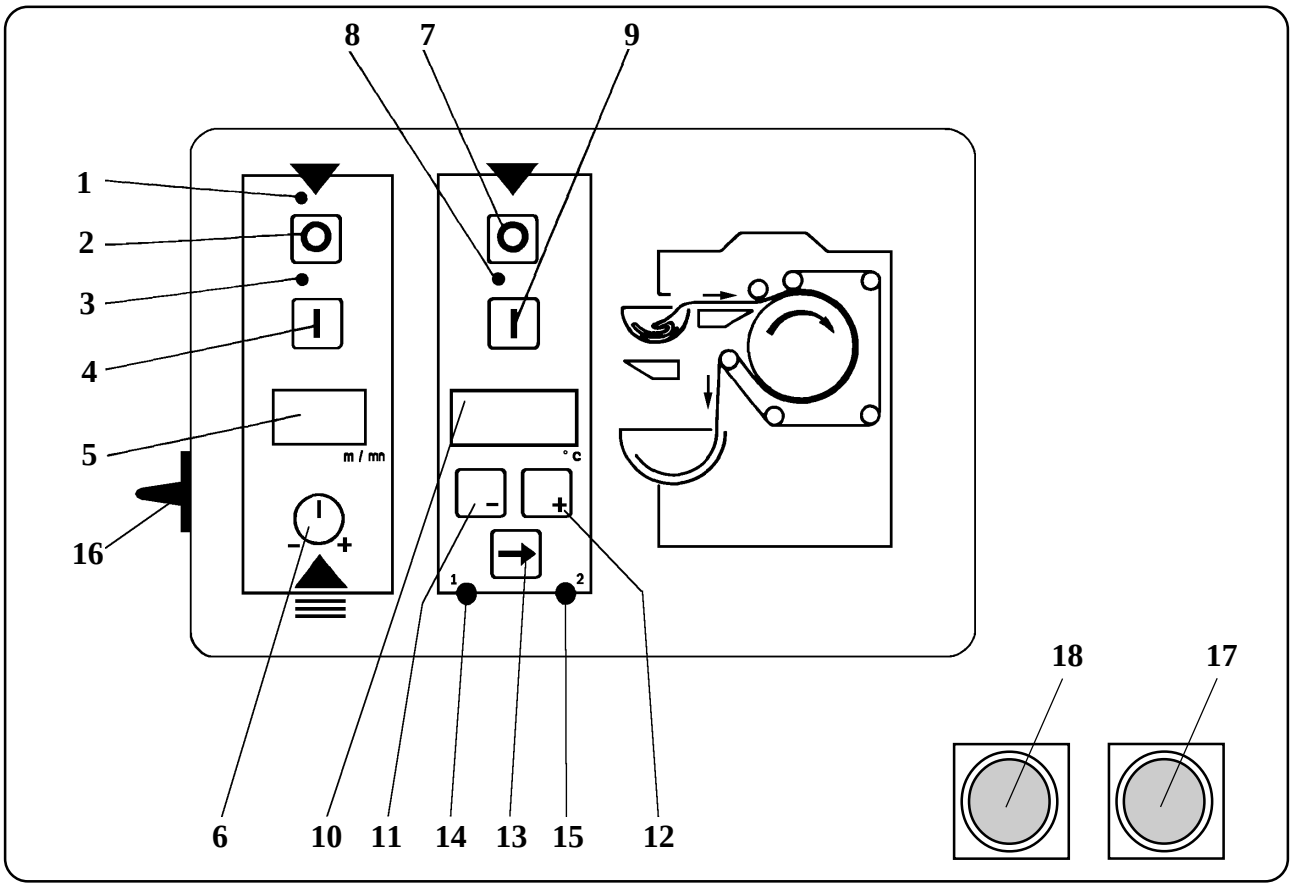
B/ HEATING CONTROL

7. "HEATING OFF" key
8. "HEATING ON" indicator
9. "HEATING ON" key
10. Ironing temperature indicator
11. Temperature programming key (reduce)
12. Temperature programming key (increase)
13. Storage of temperature or display change key (temperature measured / temperature required)
14. Faulty pipe burner indicator
15. Indicator with not use
18. Yellow push-button for reset the burner (push on the yellow button to reset the burner)

C/ FOLDING CONTROL

16. Select switch for front outlet or rear outlet with folding (machine with rear outlet)
17. Eject / initialize blue push-button (machine with rear outlet)

D0430



When the side casings have been reassembled, please follow the instructions below :

Check that the installation is correct (see chapter Installation).

A/ Turn main section switch to "ON", the LED (1) "voltage" lights.

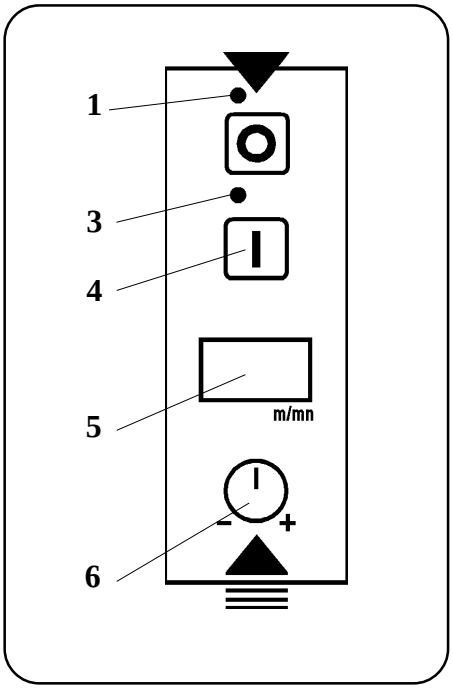
B/ Turn the potentiometer (6) to the minimum speed : 3.2 m/mn (maximum speed : 10 m/mn).

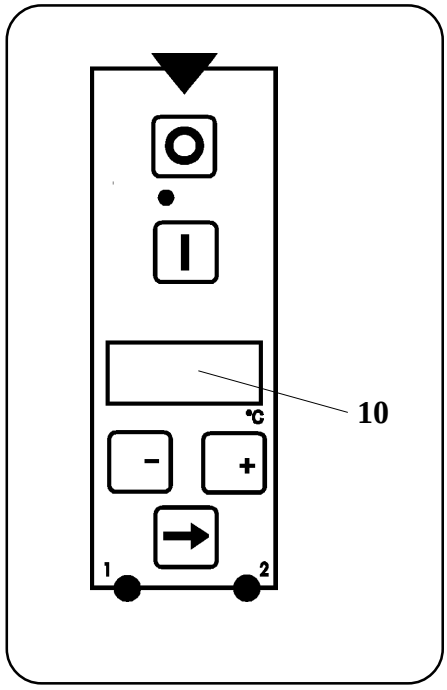
C/ Press key (4) "ON", the machine sets to the position "without folding" (the evacuation table tilts after about thirty seconds).

LED (3) lights.
The cylinder and the guiding bands rotate.
The fan works and draws the air out of the machine outside the building.
The indicator (5) of ironing speed lights.
The indicator (10) of cylinder temperature lights.

Check that the finger protection is working. The finger protection must stop the machine when it is touched. LED (1) "voltage" is the only one that remains light.
To restart the ironing process, carry out the starting operations again.

The machine will not start if the premises where it is installed have a temperature of less than 10 °C.





START-UP GAS HEATING

A/ Open the fuel gas valve on the gas supply line.

B/ Press key (13).

C/ Select the regulating temperature with keys (11) and (12).

D/ Put this value in memory with key (13). The temperature measured on the cylinder is displayed. Usual ironing temperature is around 150 to 170 °C.

E/ Press key (9) to activate heating. Indicator (8) lights and blinks. Indicator (14) signal to indicate that the burner is lighting. If indicator (14) blinks for more than 6 seconds, there may be a misfire or an opening omission of the gas valve.
Push on the yellow button to reset the burner.

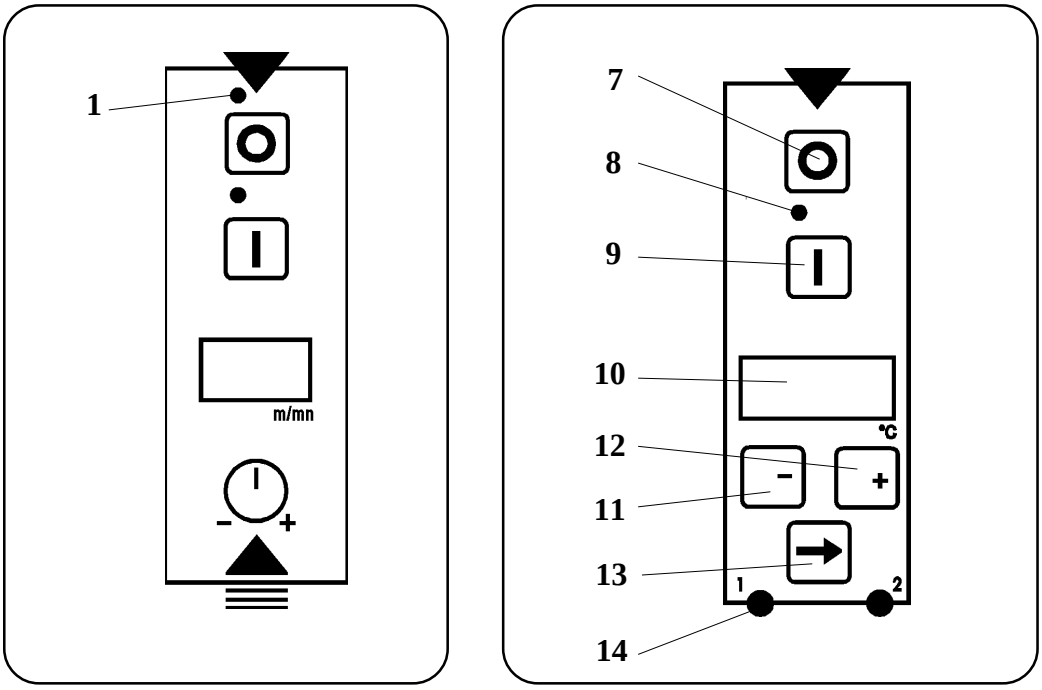
F/ Check the ironing temperature on indicator (10).

G/ The required temperature is reached when indicator (8) remains lit without signaling.

H/ At any time, by pressing key (13), the measured temperature indicated changes into the temperature required during operation n° 3 and vice versa.

I/ The required temperature is reached when indicator (8) remains lit without signaling.

J/ The temperature stops rising after approximately 15 minutes.



HOW TO STOP THE MACHINE

In order to extend the lifetime of your machine and its components, observe the following instructions to stop the heating.

Shut the steam inlet valve or the fuel gas valve.

Press key (7) "HEATING OFF" and only that one. Keep on feeding linen to lower the cylinder temperature down to approximately 120 °C.

Do not use the folding mode during the cooling process.

The machine will automatically stop when the temperature falls below 70 °C.

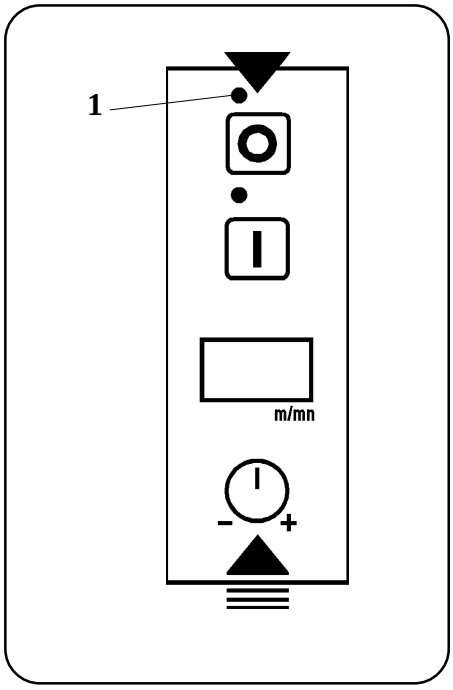
To obtain the automatic stop at 70 °C, it is essential not to press key (2) "GENERAL STOP" otherwise, the automatic temperature lowering function would be cancelled.

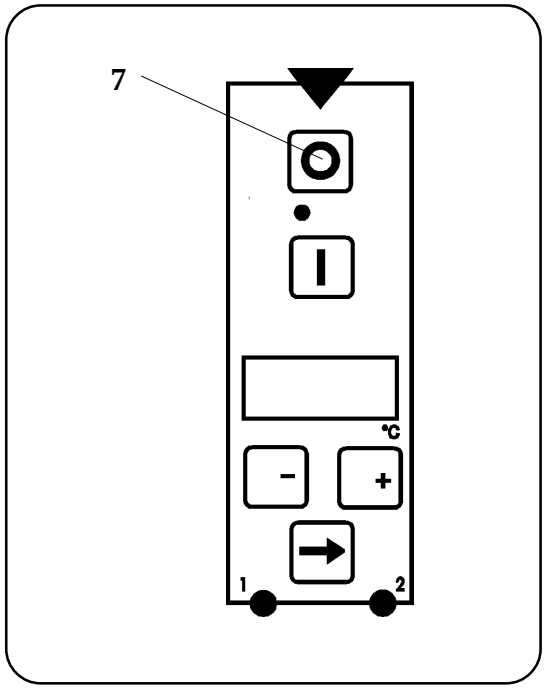
When the machine is stopped :

Turn the general switch situated on the left casing to O (OFF).

At any time, it is possible to stop the machine by pressing key (2) - GENERAL STOP.

(**Careful** : a high temperature of the ironing cylinder may damage the ironing strips).





USE OF THE BLUE PUSH-BUTTON ON THE CASING

An action on the button fitted on the ironer's casing ejects the last sheet during the folding process. The sheet is ejected before the end of the folding process and all sheets on the evacuation table are ejected.

Push the button for 4 sec. to re-initialize the automate after an incident during the folding process or after a forced ejection.

SHEETS FEEDING

The positionning of the sheets on the feeding table has to be done with care.

The sheet has to be positionned in front of the detection cell, in the middle of the feeding table, so as the machine can measure the lenght of the piece to be ironeed.

If you put the sheet on the detection cell, the lenght measured will be unaccurate and the folding will be defective.

Safety gas-heating device.

The ignition of burners and the control of the flame are ensured by an electronic box that provides a full safety in case of bad draught or gas admission cutoff for instance.

On the control panel, the indicator light up when the safety device is in function.

Heating safety device.

In all cases, a safety thermostat prevents the drum from over-heating (except for a steam-heated machine on which the temperature is given by the steam pressure).

The heating does not work or does not work properly

Check the temperature preselection.

Check thermostats.

Check the thermostat regulation system sensor.

Check the gas inlet.

Clean pressure reducer filters.

Check electronic ignition.

Check the position of the ignition electrodes and flame control.

Check operation of the gas solenoid valve.

If the ironing temperature drops abnormally

The machine is fitted with two regulation thermostats (1 on the left and 1 on the right of the ironing cylinder).
When ironing on one single side of the cylinder, the regulation thermostat located on the other side cut off the heating at 190 °C.

Stop ironing until the thermostat indicates less than 190 °C, or iron on both sides of the cylinder.

If the flame is yellow

Check that the vapour exhaust fan works and rotates in the right direction

Check that the air admissions are not sealed

Check the vapour extraction chimney

Check the calibration of nozzel

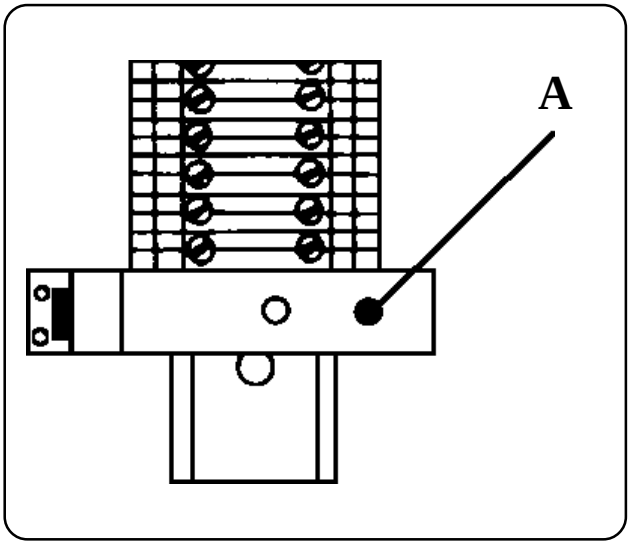
Clean the air admission filter

Compressed air

There is a pressostat in the electric box which stops the machine when the compressed air pressure is not sufficient.

This manometer has a mechanical green signal (A) which is "out" when the pres sure is correct.

If a pressure drop occurs, check the compressed air feeding pressure with the manometer and try to find the reason on the machine or on your installation.



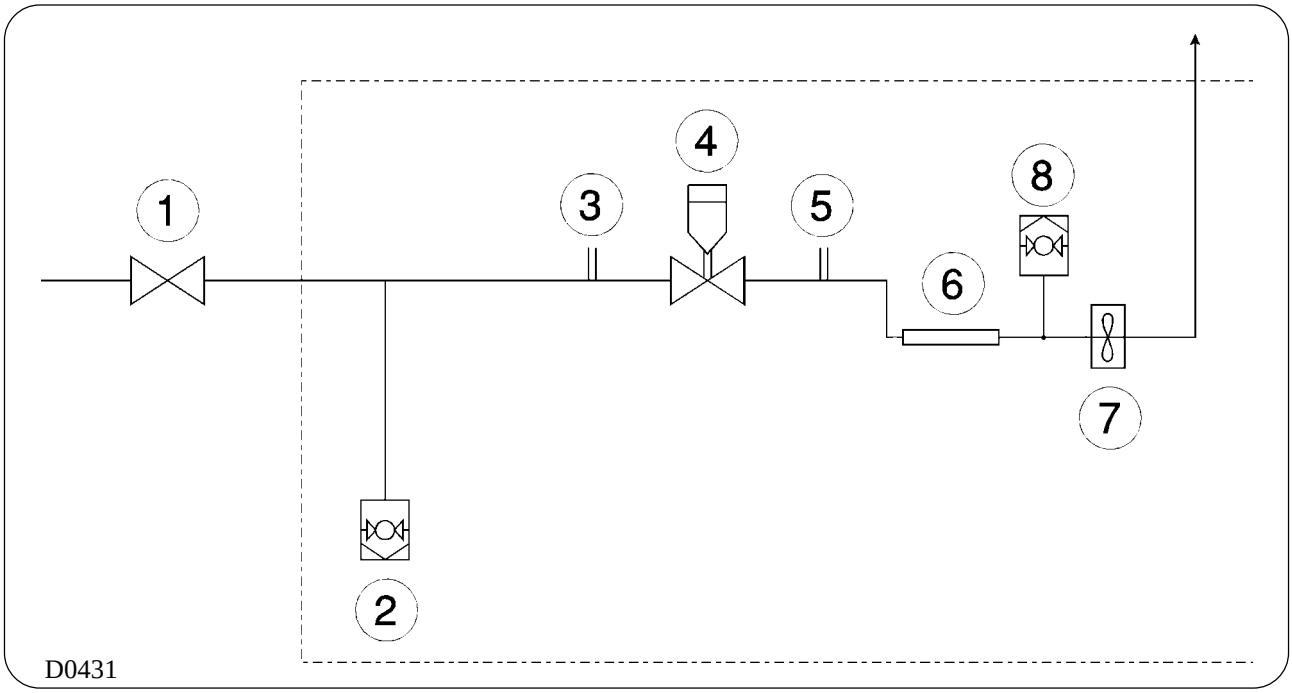
MONTHLY

Clean the gas filters (only for gas heated machines).

ONCE A YEAR

Check the gas inlet.
Clean pressure reducer filters.
Check electronic ignition.
Check the position of the ignition electrodes and flame control.
Check operation of the gas solenoid valve.

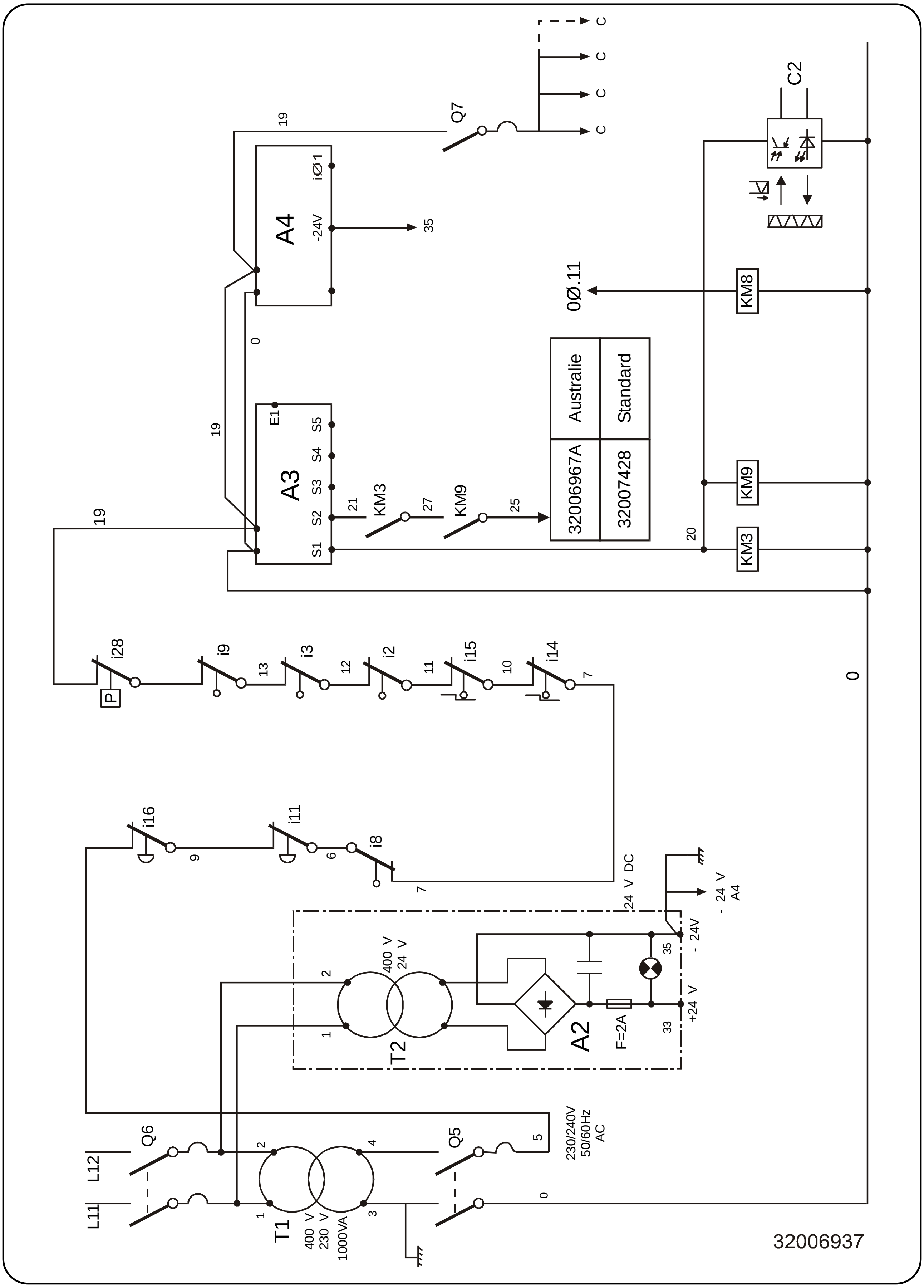
GAS TRAIN



1 - Shutt-off value 3/4"
2 - Pressure control gas min
3 - Inlet pressure TAP
4 - Gas electrovalve (or Australia gas electrovalves block)
5 - Outlet pressure TAP
6 - Burner with 39 ceramic plates
7 - Fan
8 - Depressure control air

List of components

Quantity	Designation	Ref.	Manufacturer
1	Pressure control gas min	GW50 A4	Dungs
1	Gas electrovalve	VR4925	Honeywell
	or electrovalves block	VR4925	Honeywell
1	Electronic flame safeguards	S4560	Honeywell
1	Depressure control air	C6065A/1028	Honeywell
1	Fan	T63B5 0.3 kW	Néri

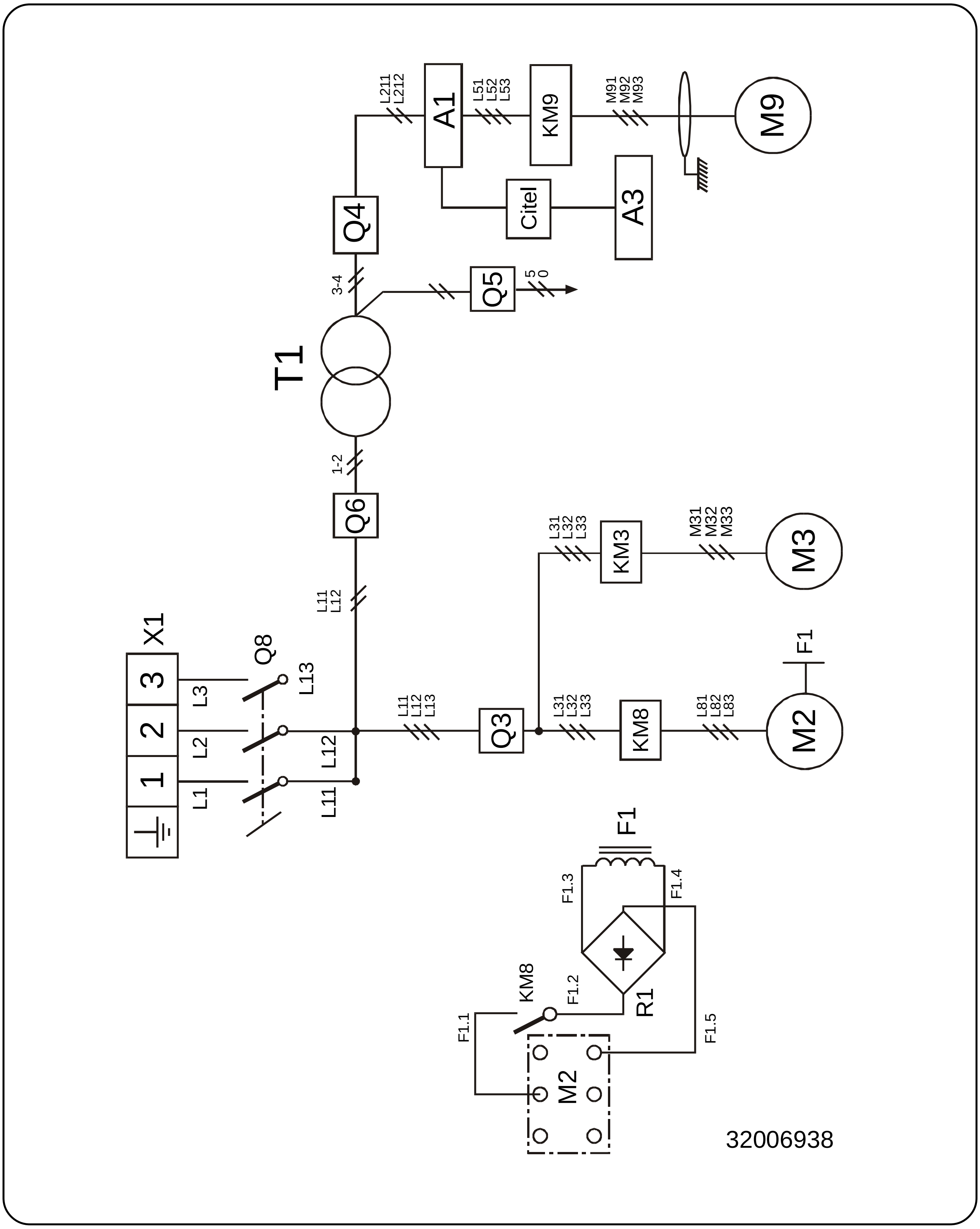


A4
A3
A2
T1
T2
Q5
Q6
Q7
C2
KM3
KM8
KM9
i28
i9
i3
i2
i15
i14
i16
i11
i8
0Ø.11
Australie
Standard
32006967A
32007428
400 V
230 V
1000VA
400 V
24 V
F=2A
24 V DC
- 24 V
A4
+24 V
230/240V
50/60Hz
AC
L11
L12
32006937

CONTROL CIRCUIT
gas heating
(ironer, folder with front or rear outlet)

32006937

T1	Isolating transformer 1000 VA	
T2	Distribution circuit transformer 24 V	same part
A2	Distribution circuit rectifier 24 V DC	
A3	Programmer / block diagram	
A4	Programmable automate	
Q5	Two-pole breaker ph + N 2 A secondary	
Q6	Two-pole breaker 6 A primary	
Q7	Two-pole breaker 2 A (common outputs)	
i2	Rear outlet motor thermal contact	
i3	Thermal contact fan motor	
i8	Air shortage pressostat	
i9	Thermal contact motion motor	
i11	Left rear outlet emergency stop	
i14	Finger protection right flap position switch	
i15	Finger protection left flap position switch	
i16	Right rear outlet emergency stop	
i28	Gas pressure switch (option or Australia machine)	
KM3	Fan contactor	
KM8	Rear outlet motor contactor	
KM9	Motion contactor	
C2	220 V AC longitudinal folding cell supply	

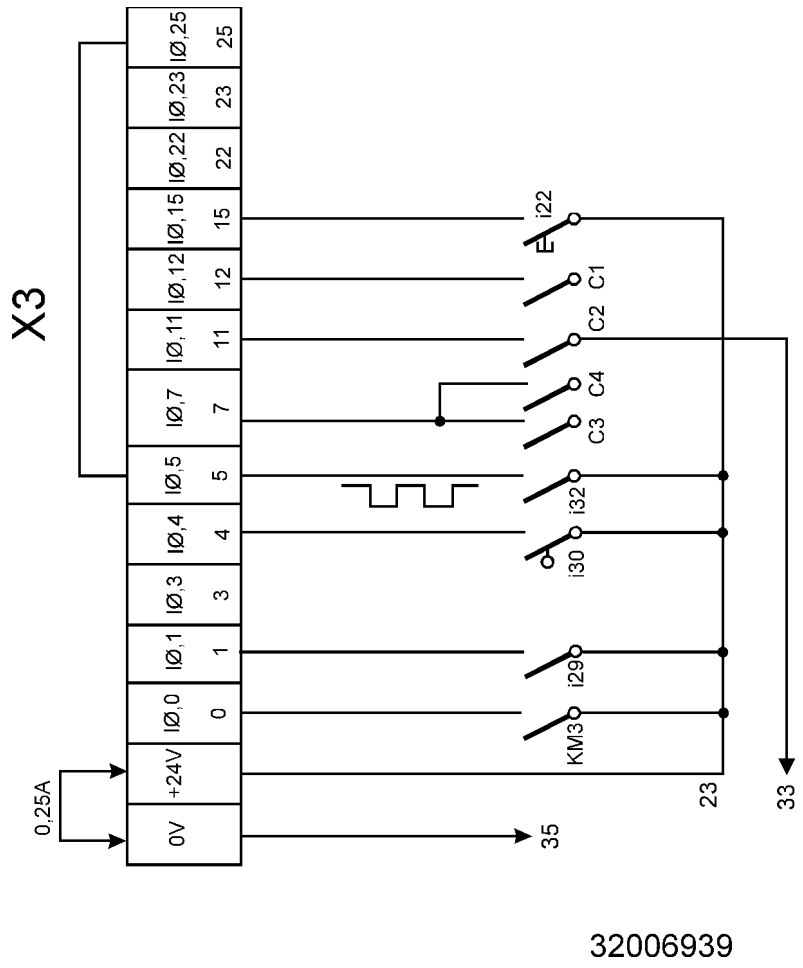


X1
1
2
3
L1
L2
L3
Q8
L11
L12
L13
Q6
1-2
T1
3-4
Q4
Q5
5
0
L211
L212
A1
L51
L52
L53
KM9
M91
M92
M93
M9
Citel
A3
Q3
L31
L32
L33
KM3
M31
M32
M33
M3
KM8
L81
L82
L83
M2
F1
F1.1
F1.2
F1.3
F1.4
F1.5
R1
32006938

POWER CIRCUIT
gas heating
(ironer, folder with front or rear outlet)

32006938

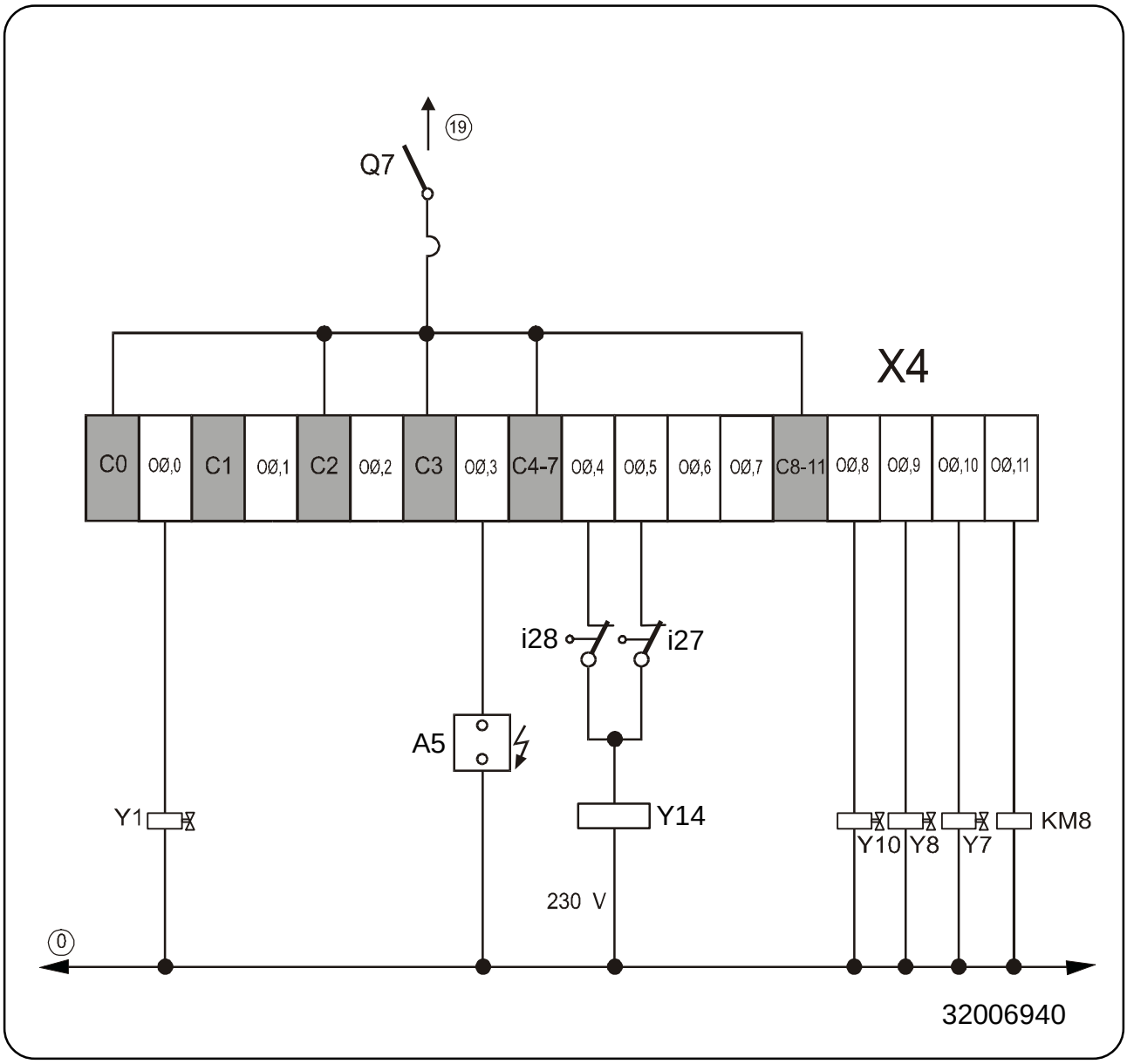
X1	General supply terminal
Q3	6 A three-pole breaker
Q4	Two-pole breaker 4 A
Q5	Two-pole breaker ph + N 2 A
Q6	Two-pole breaker 6 A
Q8	General switch
T1	Isolating transformer 1000 VA
A1	Motion frequency converter (ATV16)
A3	Programmer
Citel	Accomodating connection
M2	Rear outlet motor
M3	Fan motor
M9	Motion motor
KM3	Fan motor contactor
KM8	Rear outlet motor contactor
KM9	Motion motor contactor
R1	Rectifier for brake F1
F1	Rear evacuation brake


X3
IØ,25
25
IØ,23
23
IØ,22
22
IØ,15
15
IØ,12
12
IØ,11
11
IØ,7
7
IØ,5
5
IØ,4
4
IØ,3
3
IØ,1
1
IØ,0
0
+24V
0V
0,25A
i22
C1
C2
C4
C3
i32
i30
i29
KM3
23
33
35
32006939

AUTOMATE INPUTS
gas heating
(ironer, folder with front or rear outlet)

32006939

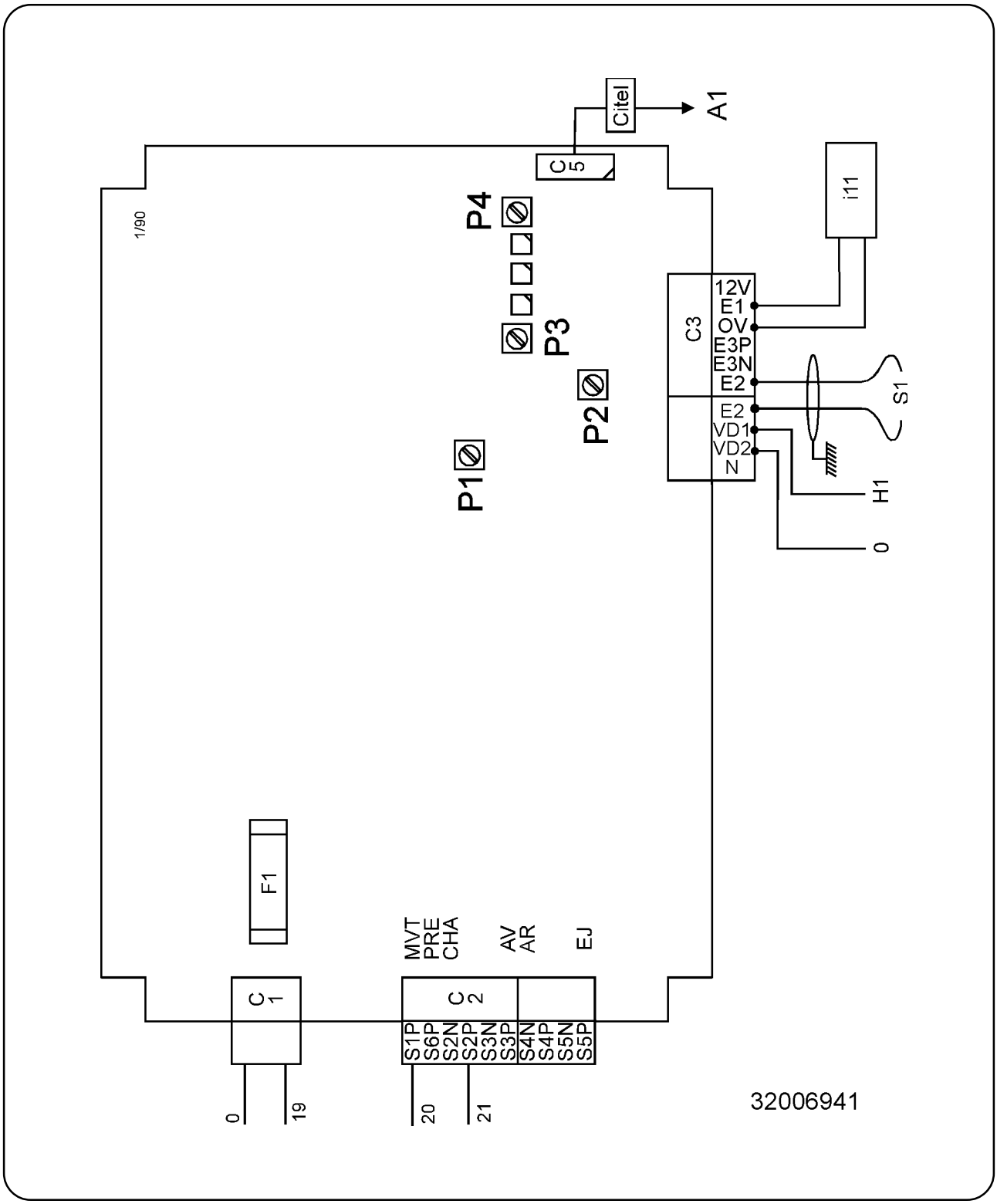
X3	Inputs connection terminal on automate A4
IØ,0	Run / stop
KM3	Fan contactor
IØ,1	With/without folding
i29	With or without folding switch
IØ,4	Rear longitudinal arm
i30	Rear folding position switch
IØ,5	Longitudinal sheet measurement
i32	Longitudinal folding measurement inductive detector
IØ,7	Longitudinal folding safety device
C3	Longitudinal folding safety device photocell
C4	Longitudinal folding safety device photocell
IØ,11	Longitudinal folding
C2	Longitudinal folding photocell
IØ,12	Sheet at feeding
C1	Feeding sheet photocell
IØ,15	Push-button for rear evacuation and initialization
i22	Push-button for rear evacuation and initialization
IØ,25	Longitudinal folding shunted at IØ,5 quick metering input


19
Q7
X4
C0
OØ,0
C1
OØ,1
C2
OØ,2
C3
OØ,3
C4-7
OØ,4
OØ,5
OØ,6
OØ,7
C8-11
OØ,8
OØ,9
OØ,10
OØ,11
i28
i27
A5
Y1
Y14
230 V
Y10
Y8
Y7
KM8
0
32006940

AUTOMATE OUTPUTS
gas heating
(ironer, folder with front or rear outlet)

32006940

X4	Outputs on automate A4 connection terminal
Q7	Two-pole breaker 2 A (common outputs)
OØ,Ø	Vat without folding
Y1	Vat without folding pneumatic distributor
A5	Control box for antistatic bar
OØ,4	Front longitudinal folding arm
OØ,5	Rear longitudinal folding arm
i 27	Front folding position switch
i 28	Rear folding position switch
Y14	Longitudinal folding arm clutch (clutch/brake, 2 stops/turn)
OØ,8	Tension lift pneumatic distributor
Y2	Tension lift pneumatic distributor
OØ,9	Rear blow pneumatic distributor
Y3	Rear blow pneumatic distributor
OØ,10	Front blow pneumatic distributor
Y4	Front blow pneumatic distributor
OØ,11	Rear outlet motor contactor
KM8	Rear outlet motor contactor


1/90
Citel
A1
C 5
P4
P3
P2
P1
i11
C3
12V
E1
OV
E3P
E3N
E2
E2
VD1
VD2
N
S1
H1
0
F1
C 1
C 2
MVT
PRE
CHA
AV
AR
EJ
S1P
S6P
S2N
S2P
S3N
S3P
S4N
S4P
S5N
S5P
0
19
20
21
32006941

INPUTS / OUTPUTS CARD
gas heating
(ironer, folder with front or rear outlet)

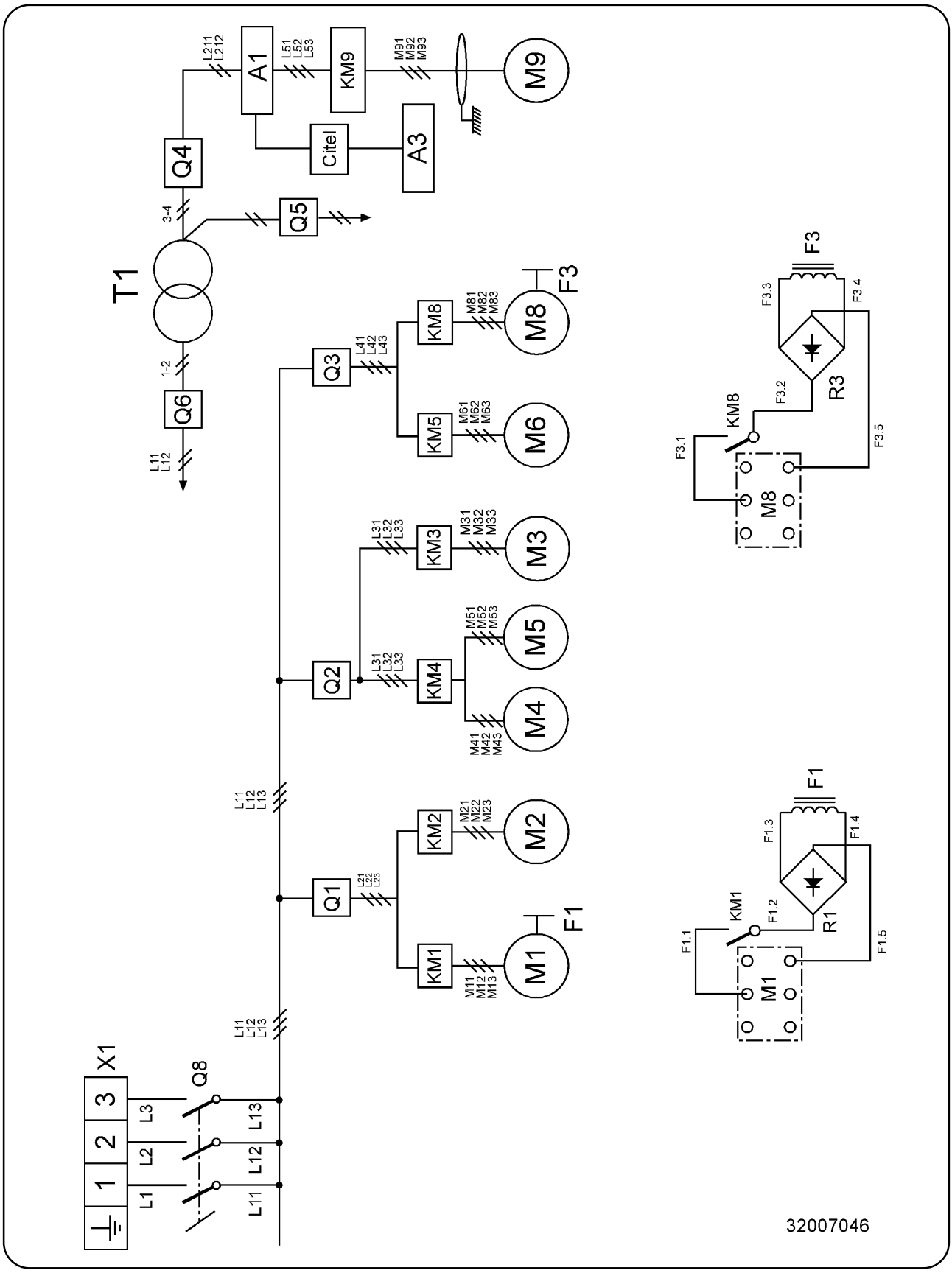
32006941

F1	General fuse 2 A
A1	Frequency converter
C1	Feeding connector 230 V
C2	Outputs connector 230 V
C3	Inputs connector
C5	Connector for converter flat cable
i11	Photocell detection speed
S1	Thermic probe PT100
Citel	Accomodating connection
H1	Indicator for faulty pipe burner gas ignitor

Adjustment potentiometers

P1	Adjustments of gain in temperature
P2	Adjustments of temperature zero
P3	Adjustments of minimum ironing speed
P4	Adjustments of maximum ironing speed

These adjustments should only be carried out by a technician.


T1
Q4
Q5
Q6
Q8
Q1
Q2
Q3
A1
A3
Citel
KM9
KM8
KM5
KM3
KM4
KM2
KM1
M9
M8
M6
M3
M5
M4
M2
M1
F3
F1
R3
R1
X1
L1
L2
L3
L11
L12
L13
32007046

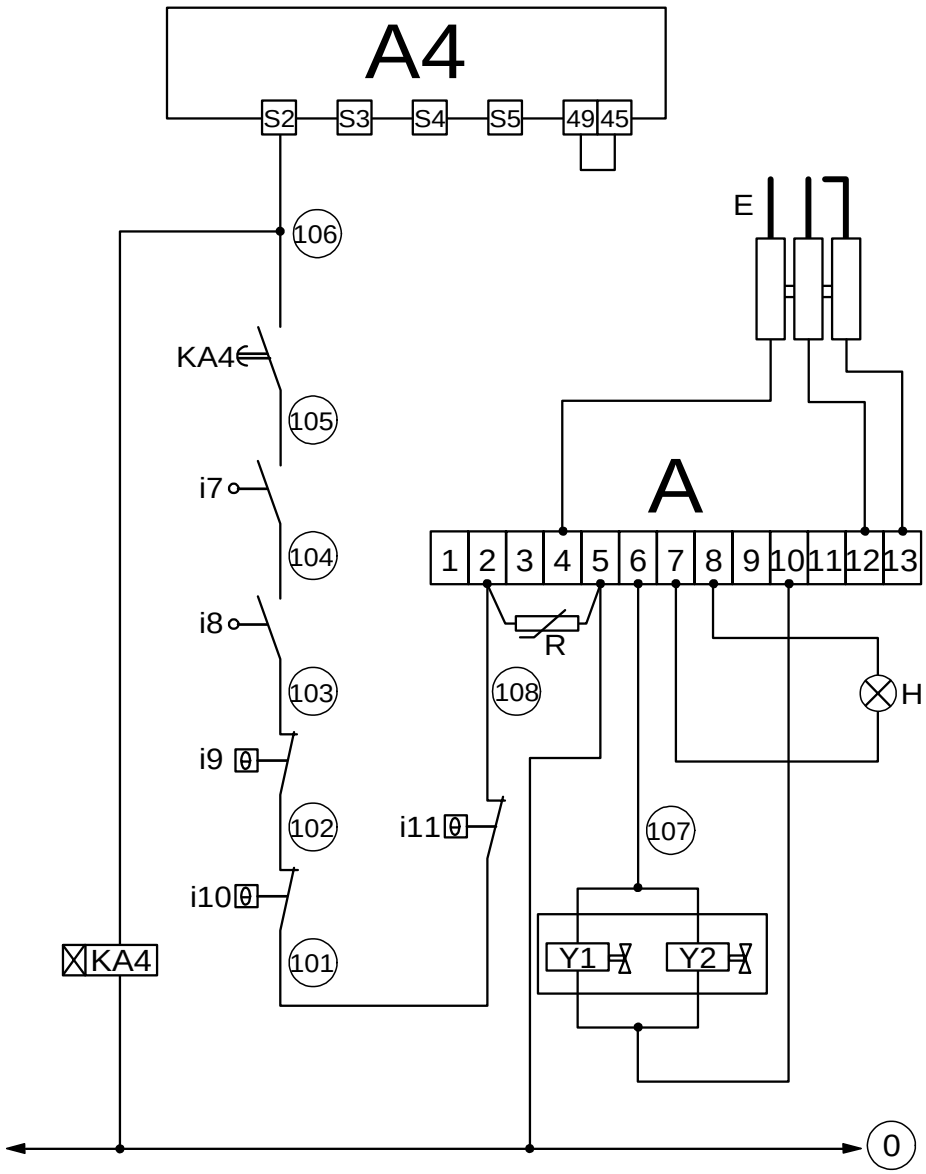
POWER CIRCUIT

gas heating

(feeder, ironer, folder with side delivery)

32007046

X1	General supply terminal
Q1	Three-pole motor breaker
Q2	Three-pole motor breaker
Q3	Three-pole motor breaker
Q4	Two-pole breaker 4 A
Q5	Two-pole breaker ph + N 2A
Q6	Two-pole breaker 10 A
Q8	General switch
T1	Isolating transformer 1000 VA
A1	Motion frequency converter (ATV16)
A3	Programmer
Citel	Accomodating connection
F1	Stacker table brake
F3	Rear evacuation brake
M1	Stacker table motor
M2	Pile evacuation motor
M3	Fan motor
M4	Smoothing right motor
M5	Smoothing left motor
M6	Cross-folding motor
M8	Rear evacuation motor
M9	Motion motor
KM1	Stacker table motor contactor
KM2	Pile evacuation motor contactor
KM3	Fan motor contactor
KM4	Smoothing motor contactor
KM5	Cross-folding motor contactor
KM8	Rear evacuation motor contactor
KM9	Motion motor contactor
R1	Rectifier for brake F1
R3	Rectifier for brake F3


A4
S2
S3
S4
S5
49
45
106
KA4
105
i7
104
i8
103
i9
102
i10
101
KA4
E
A
1
2
3
4
5
6
7
8
9
10
11
12
13
R
108
H
i11
107
Y1
Y2
0

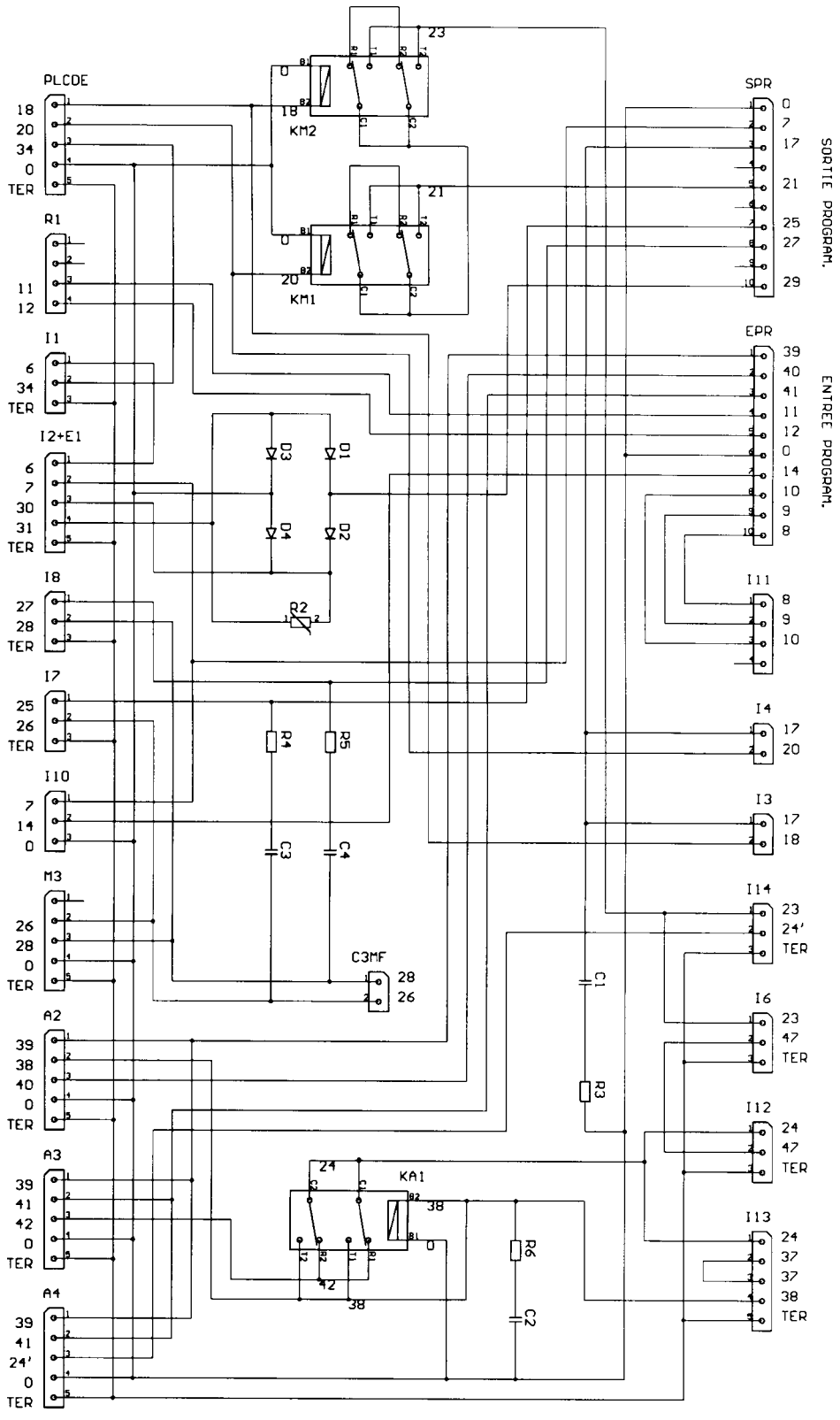
32007428

CONTROL CIRCUIT
Gas heating with ceramic burner
(Standard machines)

32007428

A	RV500 ignition meter case
A4	Electronic programmer
E	Ionization/ignition electrode
H	Indicator for faulty pipe burner
i7	Gas inlet pressostat (option)
i8	Air pressure switch
i9	Safety thermostat
i10	Left side thermostat
i11	Right side thermostat
KA4	Time relay
R	Varistor
Y1-Y2	Gas electrovalve

INTERCONNECTION CIRCUIT
(ironer)
gas heating



32005239

INPUTS / OUTPUTS CARD
gas heating
(ironer)

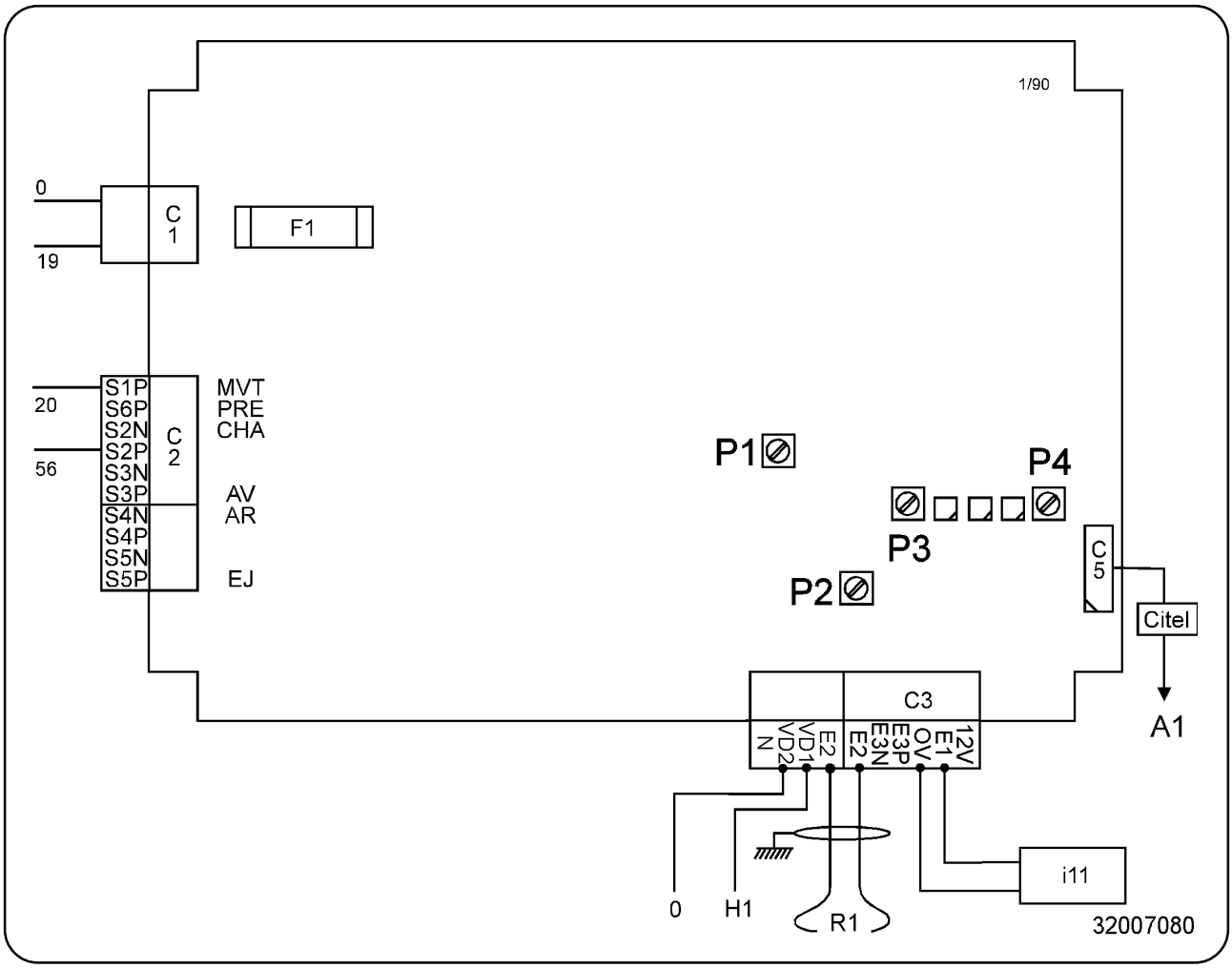
32007080

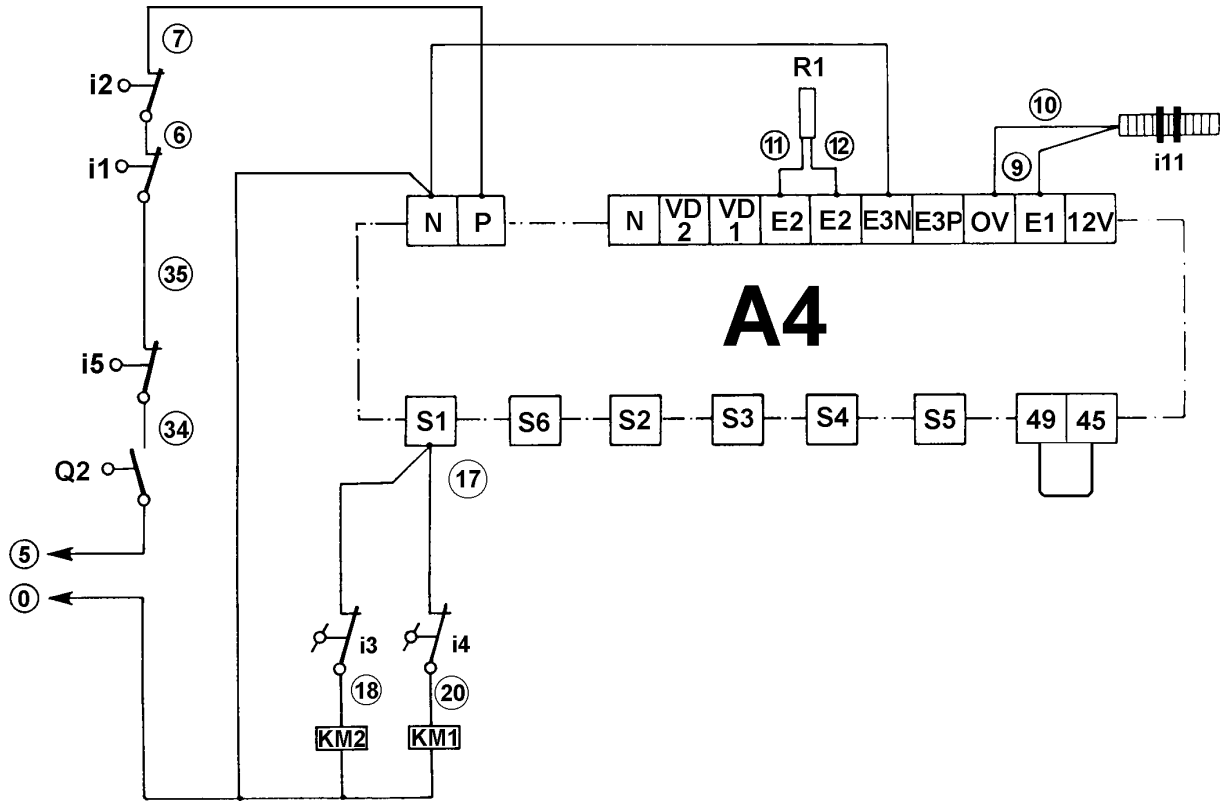
F1	General fuse 2 A
A1	Frequency converter
C1	Feeding connector 230 V
C2	Outputs connector 230 V
C3	Inputs connector
C5	Connector for converter flat cable
i11	Photocell detection speed
R1	Thermic probe PT100
Citel	Accomodating connection
H1	Indicator for faulty pipe burner gas ignitor

Adjustment potentiometers

P1	Adjustments of gain in temperature
P2	Adjustments of temperature zero
P3	Adjustments of minimum ironing speed
P4	Adjustments of maximum ironing speed

These adjustments should only be carried out by a technician.



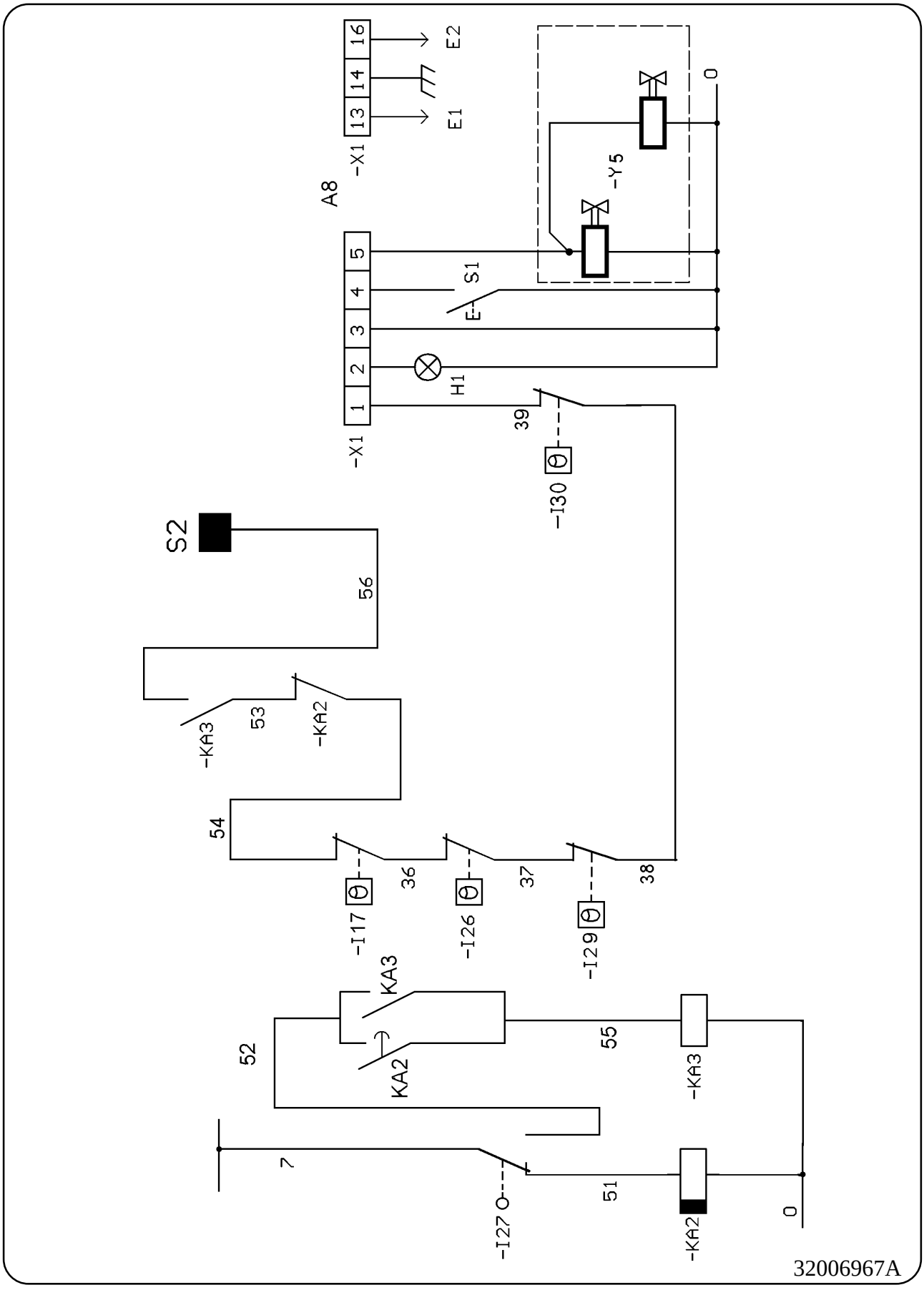

7
i2
6
i1
35
i5
34
Q2
5
0
R1
11
12
10
9
i11
N
P
N
VD 2
VD 1
E2
E2
E3N
E3P
OV
E1
12V
A4
S1
S6
S2
S3
S4
S5
49
45
17
i3
i4
18
20
KM2
KM1

32007081

CONTROL CIRCUIT
gas heating
(ironer and ironer with rear outlet))

32007081

A4	Electronic scheduler
i1	Switch of position safety-hand shutter (left)
i2	Switch of position safety-hand shutter (right)
i3	Thermal contact motor fan
i4	Thermal contact motion motor
i5	Air pressure switch
i11	Photocell detection speed
Q2	Contact breaker fan motor
R1	Thermic probe PT100


A8
-X1
13
14
16
E1
E2
-Y5
0
S1
1
2
3
4
5
H1
39
-I30
S2
56
-KA3
53
-KA2
54
36
37
38
-I17
-I26
-I29
KA3
KA2
52
55
-KA3
7
51
-I27
-KA2
0
32006967A

CONTROL CIRCUIT
Gas heating with ceramic burner
(Australia machines)

32006967A

i17	Left side control thermostat
i26	Right side control thermostat
i27	Air pressure switch
i29	Over heating thermostat
i29	220 °C Over heating thermostat
A8	Ignition meter case
KA2	Time-relay for air pressure switch gas
KA3	Safety control air relay
H1	Indicator for faulty pipe burner
S1	Push-button reset burner
S2	Programmer output
Y5	Gas electrovalve
E1	Control electrode
E2	Ignition electrode