PHŒNIX PRO
twin PHŒNIX PRO

UNIC S.A.
Z.I. 4e RUE - B.P. 425 - 06515 CARROS CEDEX 1 - FRANCE
Tél. : (33) 04 92 08 62 60 - Fax : (33) 04 93 29 24 23

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PHOENIX PRO - TWIN PHOENIX PRO

INSTALLATION INSTRUCTIONS

1. PREPARATION OF THE SITE

.The machine must be placed on a horizontal surface.

.There must be a free space of 5 cm behind the machine and the ventilation holes on the top of the machine must not be obstructed.

.A socket with a ground system and a water-supply pipe corresponding to the characteristics of the machine are sufficient for connecting.

2. HYDRAULIC CONNECTION

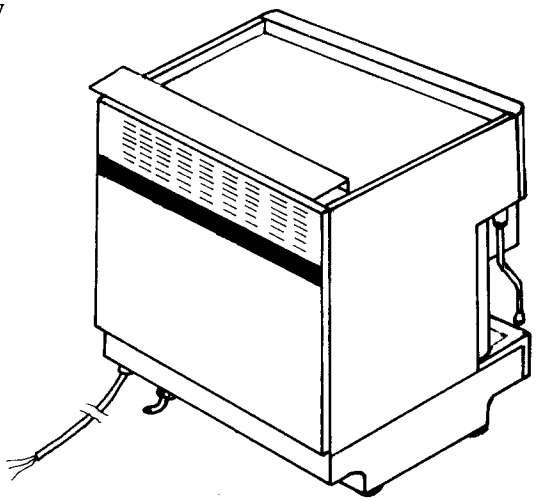
.**This equipment is to be installed to comply with the applicable Federal, state or local plumbing codes having jurisdiction.**

.A water softener is necessary.

.Water-supply pressure from 1,3 to 8 bar.

.The connection is carried out by means of the 3/8 male gas coupling located under the machine at the back. Connect with a rigid or flexible tube (using the elbow) whose internal diameter is 10 or 12mm.

Provide a shutoff valve.



3. ELECTRIC CONNECTION

.None of the switches must be pushed in.

.Make sure that the voltage, frequency and power values marked on the descriptive plate of the machine are in conformity with the electric network mains.

.Mount a plug on the end of the machine cable (plug with grounding).

4. STARTING-UP

4.1 FILLING THE BOILERS

.Turn on the shutoff valve.

.Plug in the machine.

.Press the On/Off switch.

4.1a STEAM BOILER

.As soon as the machine is turned on, the filling takes place automatically.

The indicator light ☐ 💧 blinks (on each electronic control box for model TWIN)

If after 3 minutes the indicator light is still blinking :

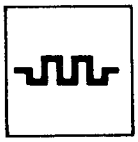
- Check the hydraulic connection of the machine.
- Switch off and switch on the machine by pressing
The filling starts again and lasts 3 minutes.
- Repeat these operations until the indicator light stops blinking.
When the indicator light stops blinking, the steam boiler is filled.

4.1b INTERNAL BOILER

.With the filter holder in place, press the digital Continu/Stop key.
As soon as the water flows correctly from the spout (with no air), press the same key again to stop the water intake.

4.2 HEATING

.When the boilers have been filled, press the heating key.



.When the operating temperature of the machine is reached, the pressure-gauge must indicate a pressure of 0.9 to 1 bar.
It is better to keep the machine switched on permanently and the filter-holder inserted in machine when not in use.

5. CHECKS AND ADJUSTMENTS

.To get to the various adjustments, the cup rack, the rear panel or the sides must be removed.

Proceed as follows:

.CUP RACK:

Unscrew the 4 upper screws and remove the cup rack.

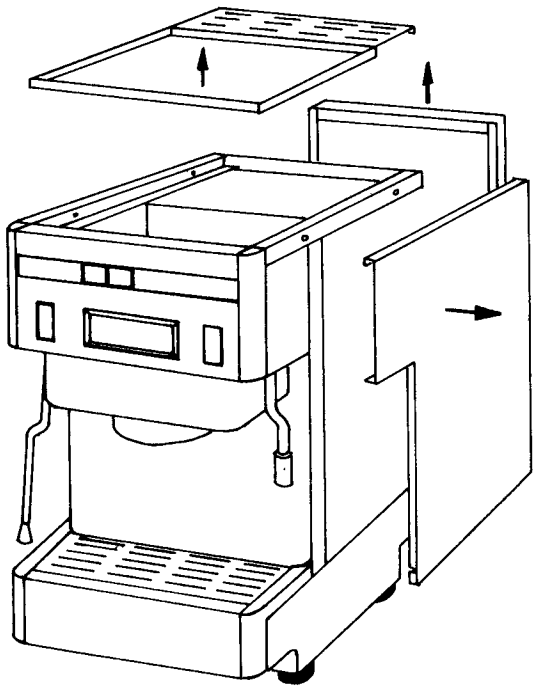
.REAR PANEL:

Unscrew by one turn the 2 screws located below the panel and draw the panel upwards.

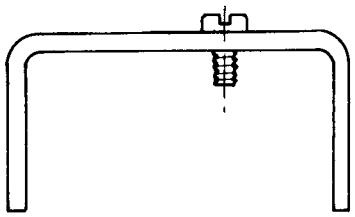
.SIDES:

Unscrew the 2 corresponding-side cup-rack screws.

Remove the overflow-tray and loosen by one turn the screws located below the front panel, then draw towards you.



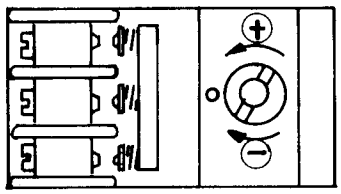
5.1 TEMPERATURE ADJUSTMENT BY MEANS OF THE ELECTRIC PRESSURESTAT



.The pressurestat is located at the back, on the right.

.Dismantle the cup rack, remove the pressurestat cover to get to the adjustment screw of the pressurestat.

-TIGHTEN to LOWER the temperature
-LOOSEN to RAISE the temperature.



.The pressure-gauge must indicate a pressure of between 0.9 and 1 bar which corresponds to a temperature of 120°C.

5.2 HIGH PRESSURE-VALVE ADJUSTMENT AND PRESSURE PUMPS CHECKING

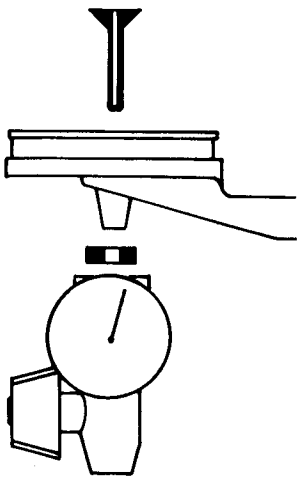
PHOENIX

The HP valve is located in the rear right corner of the machine. The right side must therefore be dismantled.

TWIN PHOENIX

This model is equipped with two HP valves, one by unit. As the hydraulic circuit of each unit is independent, the adjustment of the two HP valves must be done **separately** with their respective unit and pump.
The 1st unit valve is on the left, the 2nd unit valve is on the right.

The valve must open at about 15 bar (217 PSI).

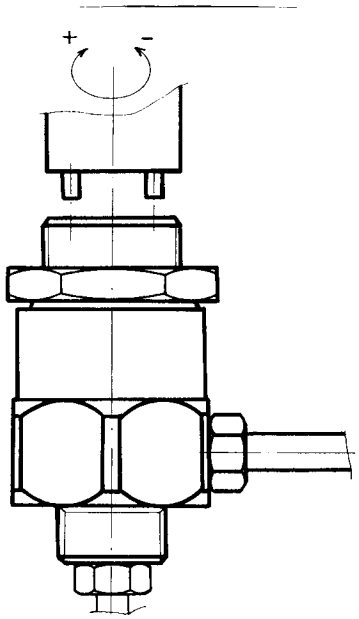


It's necessary to have special tools :
- a pin wrench
- a special device which consists of a pressure-gauge and a tap.

HOW TO PROCEED

- Remove the filter from the filter-holder.
- Fix the special device to the filter-holder
- Insert it in the unit of the valve to be adjusted.
- Press the digital Continu/Stop key to start the pump corresponding to the choosen unit.

- Turn the tap of the control device and check there is no leak. The pressure gauge must indicate a pressure around 15 bar when the HP valve drips and when the pump is working. If it isn't the case, make the adjustment of the HP valve (when the pump is working) as follows:



- LOOSEN to DECREASE the HP valve opening pressure.
- TIGHTEN to INCREASE the HP valve opening pressure.

- If the pressure of 15 bar can not be reached :

  Check the hydraulic circuit :

  - the shutoff valve of the coffee machine
  - the water supply pressure...

- Check there is no leak by the pipe group discharge during "infusion cycle" due to a faulty electrovalve.

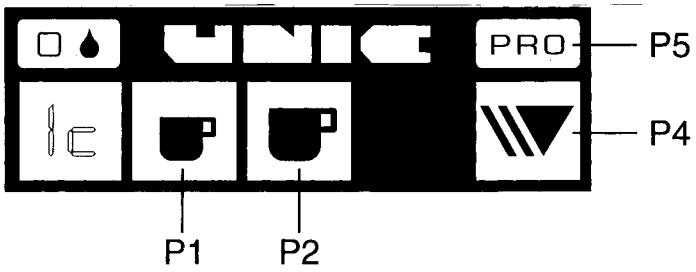
- Replace the faulty pump if necessary.

FLUSHING INSTRUCTIONS

The unit is to be flushed prior to putting it into service, or after 24 hours of inactivity.
Dispense to the drain : - through each coffee head and water nozzle 0,5 litre of water
- through each steam nozzle some steam for 1 minute

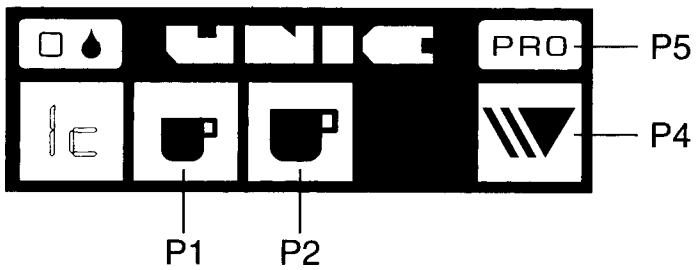
"BEFORE PREPARING ANY BEVERAGE"

6. PROGRAMING OF THE DIFFERENT COFFEE QUANTITIES IN THE CUP



	The keys from P1 to P4 can be programed.	
1	Stop the machine by pressing the switcher 0/1	
2	Keep the key P5 pressed and put again the machine on. Display of Pn then Pc and Pr by pressing several times the key P5	
3	Pc = CALCULATED PROGRAMING	
	Insert a filter-holder (with coffee) into the unit Install one cup	
	☞ P5	Display Pc
	☞ P1 to P4	Select the dose to be programed (1c for example)
	☞ P5	Start the infusion cycle
	☞ P5	Press again to stop when the amount of coffee desired is correct Display of the corresponding digital value (from 00 to 99)
	Repeat operation from 3 to program another dose (1C for example)	
4	Pn = DIGITAL PROGRAMING Quick programing without coffee and/or values carried forward on other units.	
	☞ P5	Display Pn
	☞ P1 to P4	Select the dose to be programed
	☞ P5	Display of the digital value of the selected dose
	☞ P1	Increase the value
	☞ P4	Reduce the value
	☞ P5	Memorize the new value
	Repeat operation from 4 to program another dose	
5	Pr = MANUAL PROGRAMING Same proceeding as in calculated programing Pc. This programing mode doesn't calculate any digital value. Some volumes, smaller or larger than the ones corresponding to the digital values 00 and 99 can be programed by Pr.	
6	Wait until the program mode is automatically inactivated (from 10 to 15s), or switch off and on again the machine.	

6.1 ELECTRONIC BOX TYPE d0



6.1a USE OF THE DOSES TO BE PROGRAMED

- 2 coffee doses and 1 manual function, Continu/Stop are available. During the infusion, it is displayed :
  - * 1c = 1 small cup
  - * 1C = 1 large cup
  - * C- = Continu/Stop
- At any time you can change the selection by pressing another key.
- The dosage is automatic but the infusion can be stopped manually by pressing the key Continu/Stop.

6.1b CONFIGURATION PARAMETERS

* C0 / C1	Chronometer for the infusion time C0 = no chronometer C1 = display of the infusion time
* A0 / A1	Authorization to program A0 = prohibited programing A1 = authorized programing

After switching on, the display shows the following information in order:

- The version number of the electronic memory: ex. r1
- The type of box: d0
- The active functioning parameters: ex. CO, A1

6.1c MODIFICATIONS OF THE CONFIGURATION PARAMETERS

- Switch the machine off (switcher 0/1)
- Press simultaneously both keys P1 and P4, and in the same time, switch again the machine on
- Press the key P4 to change the selection (ex. C0 or C1)
- Press the key P5 to change function (ex. Chrono: C0/C1 or Authorization: A0/A1)
- Switch off to leave the configuration mode or wait the automatic leaving at the end of 10s.

7. DAILY CLEANING AND MAINTENANCE

Coffee unit :

- Carry out 2 or 3 infusion cycles without any coffee in the filter to clean the unit and the filter-holder joint (filter-holders not tightened)

- Wash the filter-holders and the filters in soapy water.

Overflow tray :

- Remove the overflow tray to empty it and rinse it under the tap.

Steam outlet tube :

- After each use, clean the steam tube with a wet rag and push steam push-button for a short moment to eliminate the small amount of liquid (milk) left inside the tube.

Body :

- Clean the body of the machine using a soft cloth and alcohol for the stainless-steel parts and a non-abrasive detergent for the painted parts.

Do not forget to regenerate your water softener periodically.

ATTENTION :

Air must be able to circulate freely all around the machine. The ventilation holes located at the rear and on the top of the machine must not be obstructed.

The machine is not to be operated without its legs.

Water Softener Regeneration : how ?

A - Water intake
B - Water outlet
C - Intake tap
D - Outlet tap
E - Discharge pipe
F - Regenerating pipe
G - Lid wheel

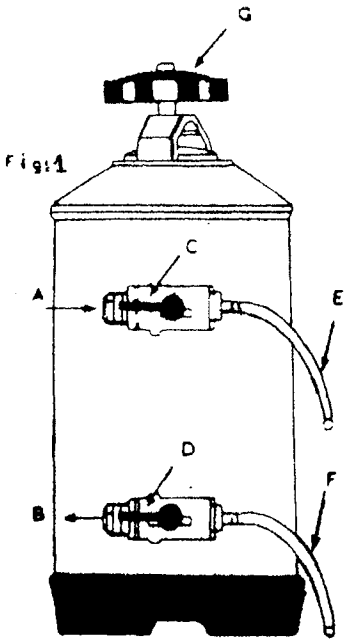


Fig:1

Use 1 kg of salt when the softener is 400 mm high.

Use 2 kg of salt when the softener is 600 mm high.

INSTRUCTIONS FOR USE :

① Install an empty vessel with a 2-litre capacity under Pipe **E**.

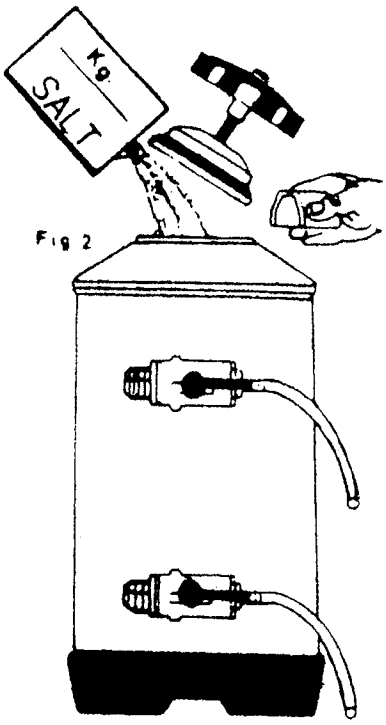


Fig 2

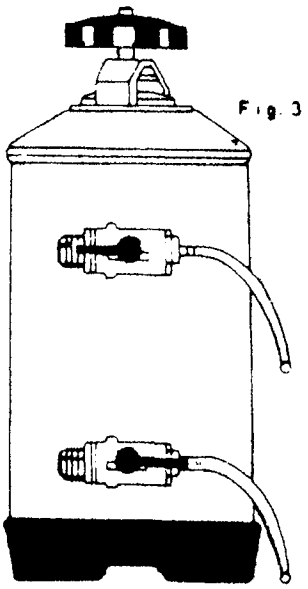


Fig. 3

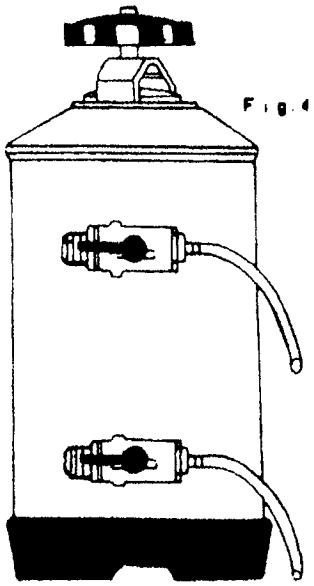


Fig. 4

②Turn Handles **C** and **D** from the left to the right.

Unscrew **G** to remove the lid.

Insert salt.

③ Restore the lid to its initial position.
Turn Handle **C** from the right to the left

Let the salted water run through Pipe **F** until it gets soft.

④ Turn Handle **D** from the right to the left

Water Softener Regeneration : when ?

Example :

Daily amount of used coffee : 3 kg
Number of 7-centilitre cups : 420
Daily water consumption : 30 litres

Daily number of 20-centilitre cups of tea : 150
Daily water consumption : 30 litres.

Conclusion : - Total daily water consumption is 60 litres
- Water hardness is 30°TH.

See 30°Column and line 60 of Table hereunder.

- DV 50 Water softener must be regenerated every 2 weeks.
- CN 97 Water softener must be regenerated every 5 weeks.

CN 97 Model Height : 600 mm Diam. : 185 mm Resin : 16 litres Salt : 2 kg										
Water hardness °TH		20°	25°	30°	40°	50°	60°	80°	Daily consumption	
Softened water → CN 97 Model		2500	2350	2100	1800	1600	1400	1000	Water in litres	Coffee in kg
		36	34	30	26	22	20	14	10	1
1	10	17	16	14	13	11	10	7	20	2
1,5	15	11	10	9	9	7	7	5	30	3
2	20	9	8	7	6	5	5	4	40	4
2,5	25	7	6	6	5	4	4	3	50	5
3	30	6	5	5	4	4	3	2	60	6
3,5	35	5	4	4	4	3	3	2	70	7
4	40	4	4	4	3	3	2	2	80	8
4,5	45	4	3	3	3	2	2	2	90	9
5	50	3	3	3	3	2	2	1	← *NUMBER OF*	
6	60	3	3	2	2	2	2	1	*WEEKS BETWEEN 2*	
6,5	65	3	2	2	2	2	1	1	*REGENERATING*	
7	70	2	2	2	2	1	1	1	*TREATMENTS*	
7,5	75	2	2	2	2	1	1	1	*ACCORDING TO FLOW*	
8	80	2	2	2	2	1	1	1	*CAPAC. & WATER °TH.*	
Coffee in kg	Water in litres	1200	1100	1000	900	760	700	500	Softened water DV 50 Model	
Daily consumption		20°	25°	30°	40°	50°	60°	80°	Water hardness °TH	
DV 50 Model Height : 400 mm Diam. : 185 mm Resin : 8 litres Salt : 1 kg										

TROUBLE SHOOTING

VERY IMPORTANT

BEFORE TAKING ANY ACTION MAKE SURE THAT ALL THE ADJUSTMENTS ARE CORRECT.

1. TEMPERATURE 120°C

   STEAM PRESSURE 0,9 to 1 bar (14 PSI)

2. INFUSION PRESSURE 9 to 10 bar (140 PSI)

   High pressure valve opening : over 15 bar (210 PSI)

3. WATER SUPPLY PRESSURE 1,3 bar to 8 bar (19 PSI to 116 PSI)

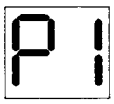
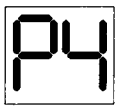
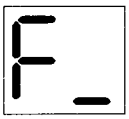
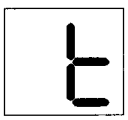
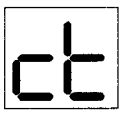
   If the machine "sucks" water directly from an external reservoir, check the water level in the reservoir and the non-return valve and filter fixed at the end of the inlet pipe.

4. **PRECAUTIONS TO BE TAKEN**

   ① Switch off the machine before any action on the electric circuits.

   ② Cool the machine and make the pressures down before any action on the hydraulic circuit.

8. DISPLAYED FAILURES

	Push button 1	See on p. 12
	Push button 2	
	Push button 4	
	Push button 5	
	Fuse	See on p. 12
	Time	See on p. 13 → > 105 sec
	Metering + Time	See on p. 14 → > 105 sec
	Dosage Metering	See on p. 15
	Short circuit Metering	See on p. 15
	Opened Metering	

8.1 PROBLEMS IN CONNECTION WITH THE ELECTRONIC BOXES' CONTROL BUTTONS

If it is displayed P1, P2 ... or P5, this means that the corresponding key is in short-circuit and can't be used any more.

Remedy:

- Check that the front is not deformed
- Change the electronic box

8.2 FUSE PROBLEMS

Display: F_

F- is displayed when the fuse located at the back of the electronic box is "cut out".
The fuse can be reached from the upper part of the machine after removing the cup warmer.

↓

If the fuse is "all right"

↓

Check the fuse-holder

Clean fuse / fuse-holder contact points

Check the box connections:
Do not invert wires
(valve and motor-pump wires)

↓

If the fuse is "cut out"

↓

The cause must be determined, prior to fuse replacement.

Possible causes:

- **The valve coil of the unit is short-circuited**
- **The motor-pump coil or R.C circuit is short-circuited**
- **The motor-pump or valve outlets of the electronic box are short-circuited (inside the box)**
- **Cables are short-circuited**
- **Fuse failure.**

↓

- **Replace faulty elements**
- **Replace the fuse**

8.3 DOSAGE PROBLEMS 

8.3a 105-second safety system of the coffee unit

Thanks to such a safety system, the maximum infusion time is reduced and ranges from 1 minute to 45 seconds. As a result, the infusion process automatically stops, if the dosing device no longer works or if the flow capacity is insufficient so that the pump and the valve of the unit are better protected.

When the safety system is on, t is displayed.

The flow of the water going through the coffee filter is insufficient.
The infusion time corresponding to the programed dose is more than 105 seconds.

↓ ↓

The pump is faulty

Check:

- **The pressure**
- **The power supply**

One of the water passage holes is clogged

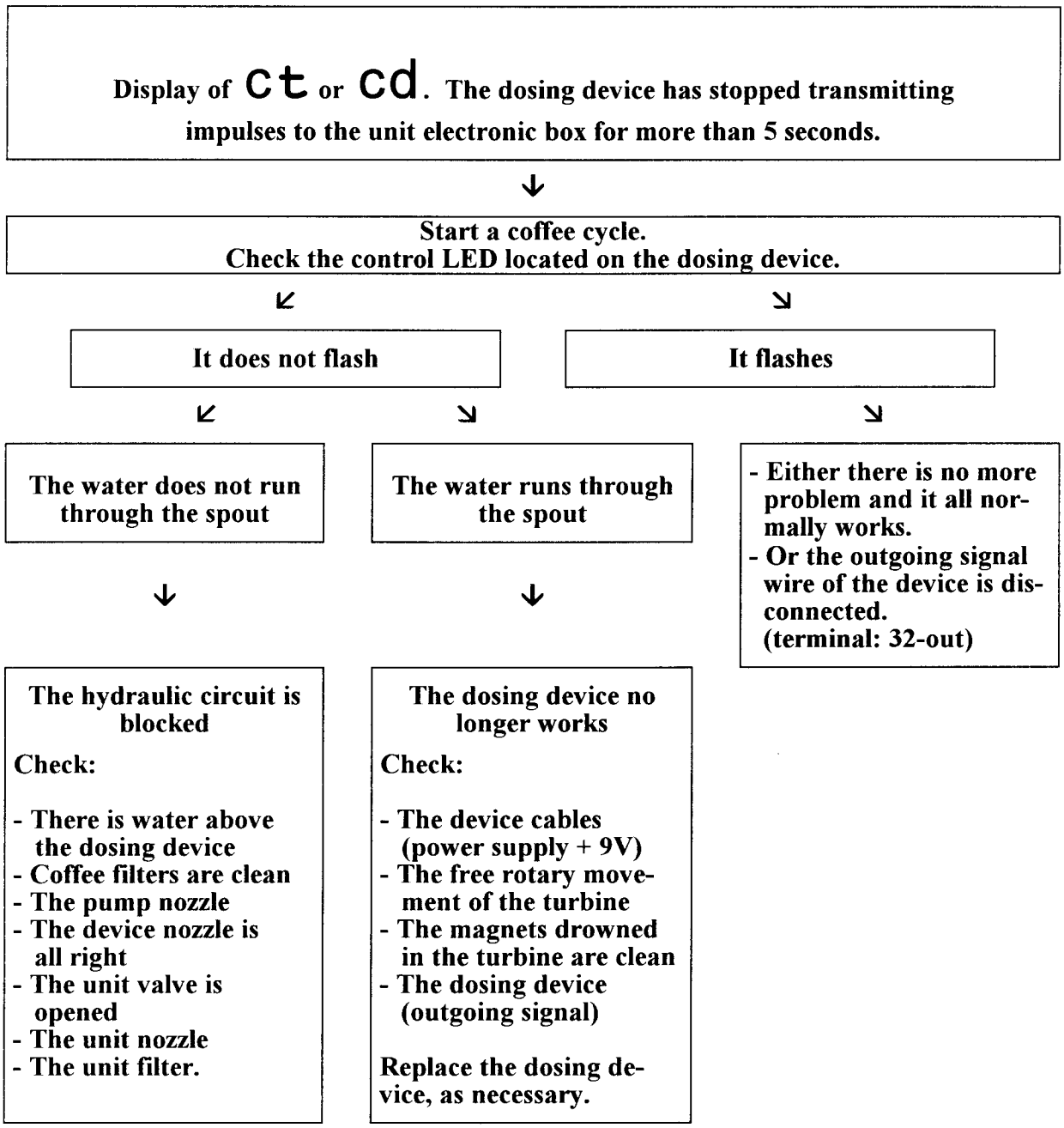
Check the hydraulic circuit:

- **Pump nozzle**
- **Nozzle of dosing device**
- **Unit nozzle**
- **Unit filter**
- **Unit valve**
- **Coffee filters**
- **The spout.**

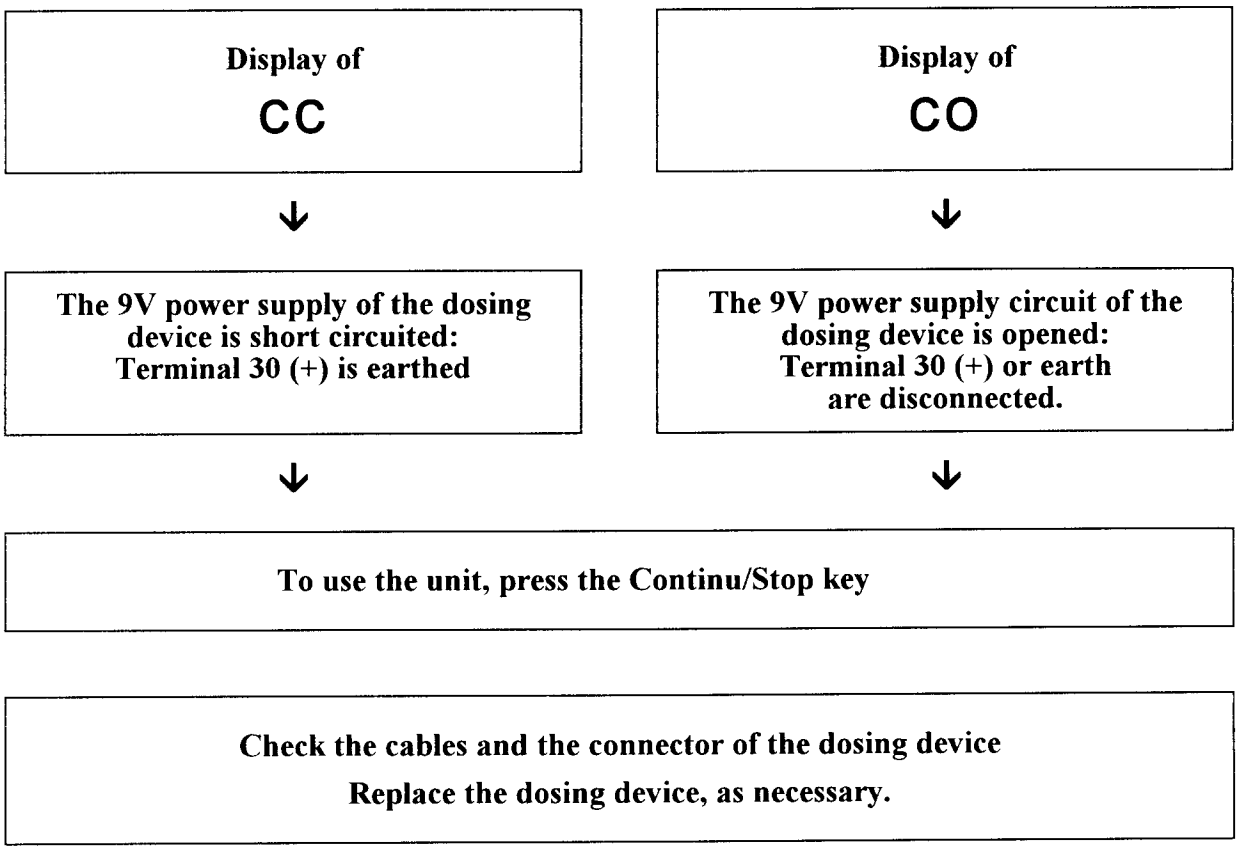
8.3b Metering safety system

During the infusion process, cd is displayed. This means that the dosing device has been no longer transmitting impulses to the unit electronic box for 5 seconds.
If the metering interruption is only temporary, the infusion cycle will stop as soon as the number of metered impulses matches the number of programed impulses.
Obviously the obtained dose will be heavier.
If the metering interruption is permanent, the infusion will stop automatically 105 seconds after the cycle has started and ct is displayed.

Or stop manually by pressing the Continu/Stop key. Display of cd



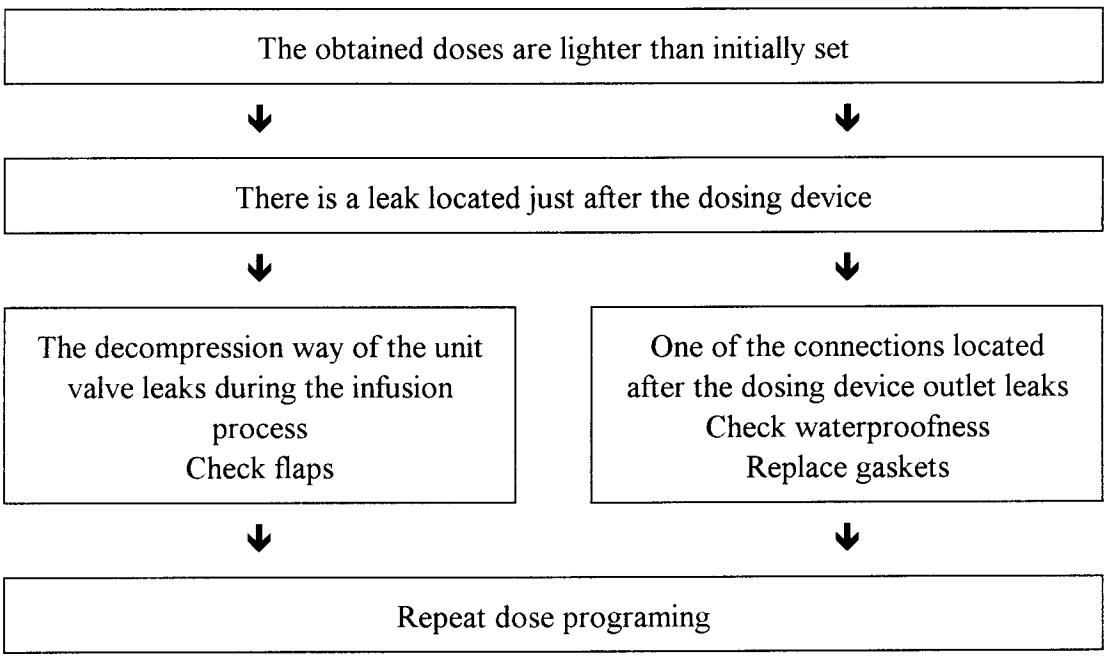
8.3c Dosing device safety system



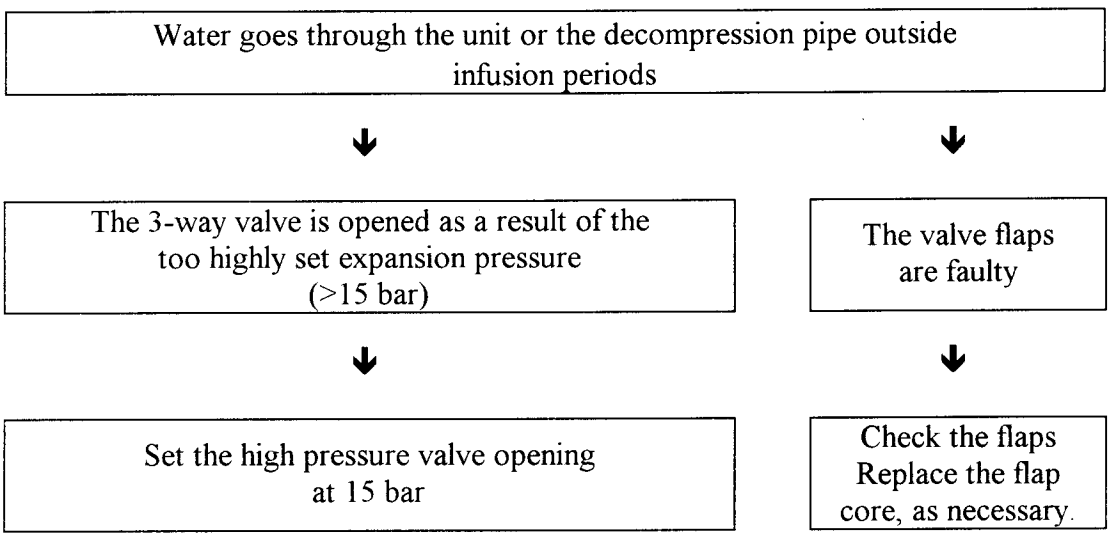
9. OTHER FAILURES

9.1 HYDRAULIC PROBLEMS OF THE COFFEE UNIT

9.1a Doses lighter than initially set



9.1b Dripping outside infusion periods



9.1c A wrong decompression process

When the infusion process is over, you remove the filter-holder and you notice the coffee pod is wet

↓

		Check:
- The temperature is too low	→	- Steam pressure
- The decompression circuit is blocked	→	- Spray - Solenoid valve

9.2 PROBLEMS IN CONNECTION WITH THE LEVEL REGULATION

9.2a The steam boiler is flooded

The steam boiler is flooded

↙ ↘

Problem generated by the filling valve

↓

* The filling valve flap is no longer in place and generates leaks: fur or any other obstacle...
* The filling valve relay got stuck

↓

* Replace gaskets and clean the filling valve surface
* Replace the electric valve or the leval box, as necessary.

Problem generated by the water level probe

↓

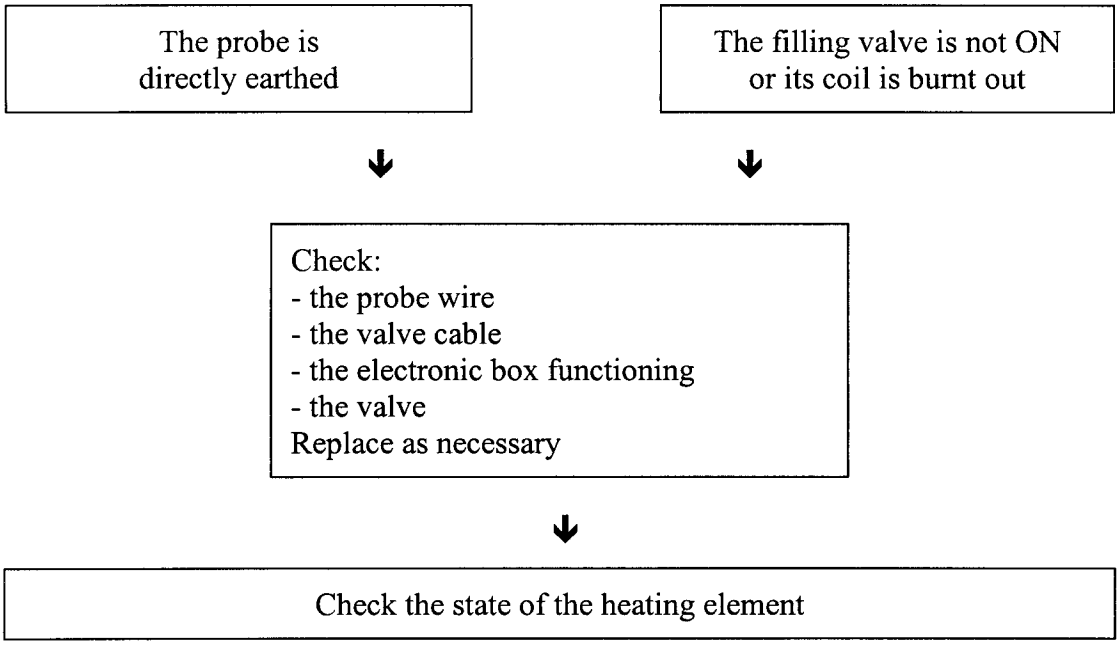
The probe is covered with an insulating agent (scale) or the probe wire is cut out

↓

Clean probes and check cables

9.2b The boiler is empty

RISK TO RUIN THE HEATING ELEMENT



9.3 INSUFFICIENT OR NO HEATING PROCESS

- After getting a few cups of coffee, the machine gets "cold".
- Check the infusion time and adjust the grind accordingly.
- Make sure that each pin of the heating element works.

9.4 IMPOSSIBLE PROGRAMING

IMPOSSIBLE PROGRAMING

Check the configuration of the box
A0 : Prohibited programing
A1 : Authorized programing
See on pages 6 and 7

Display of one safety signal

P1 to P5 : Safety key
F- : Fuse
t : Time
co/cc : Dosing device

Refer to the corresponding paragraph to repair

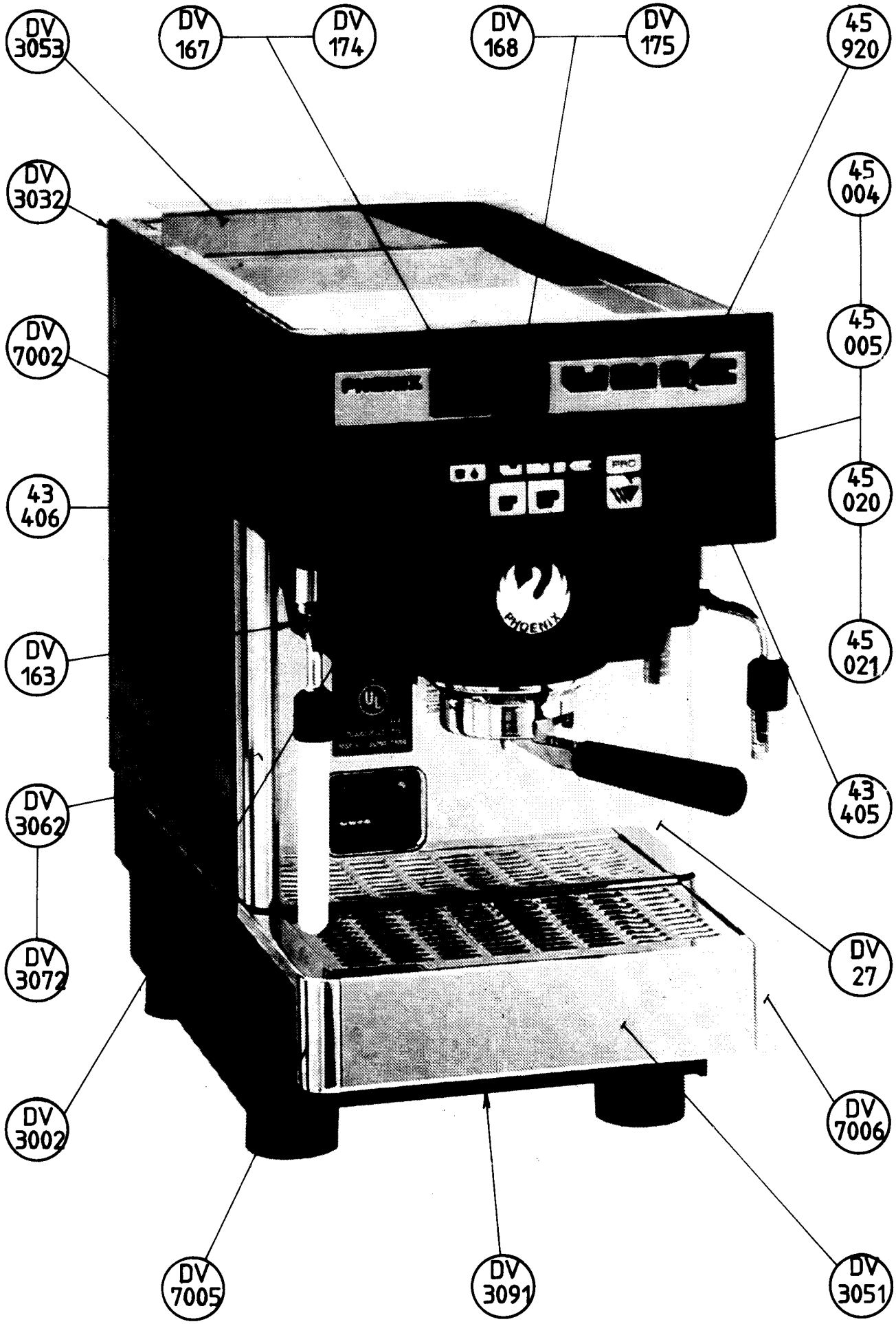
PHOENIX - TWIN PHOENIX

LISTE DES PIECES DETACHEES
LIST OF SPARE PARTS

PLANCHES
PLATES

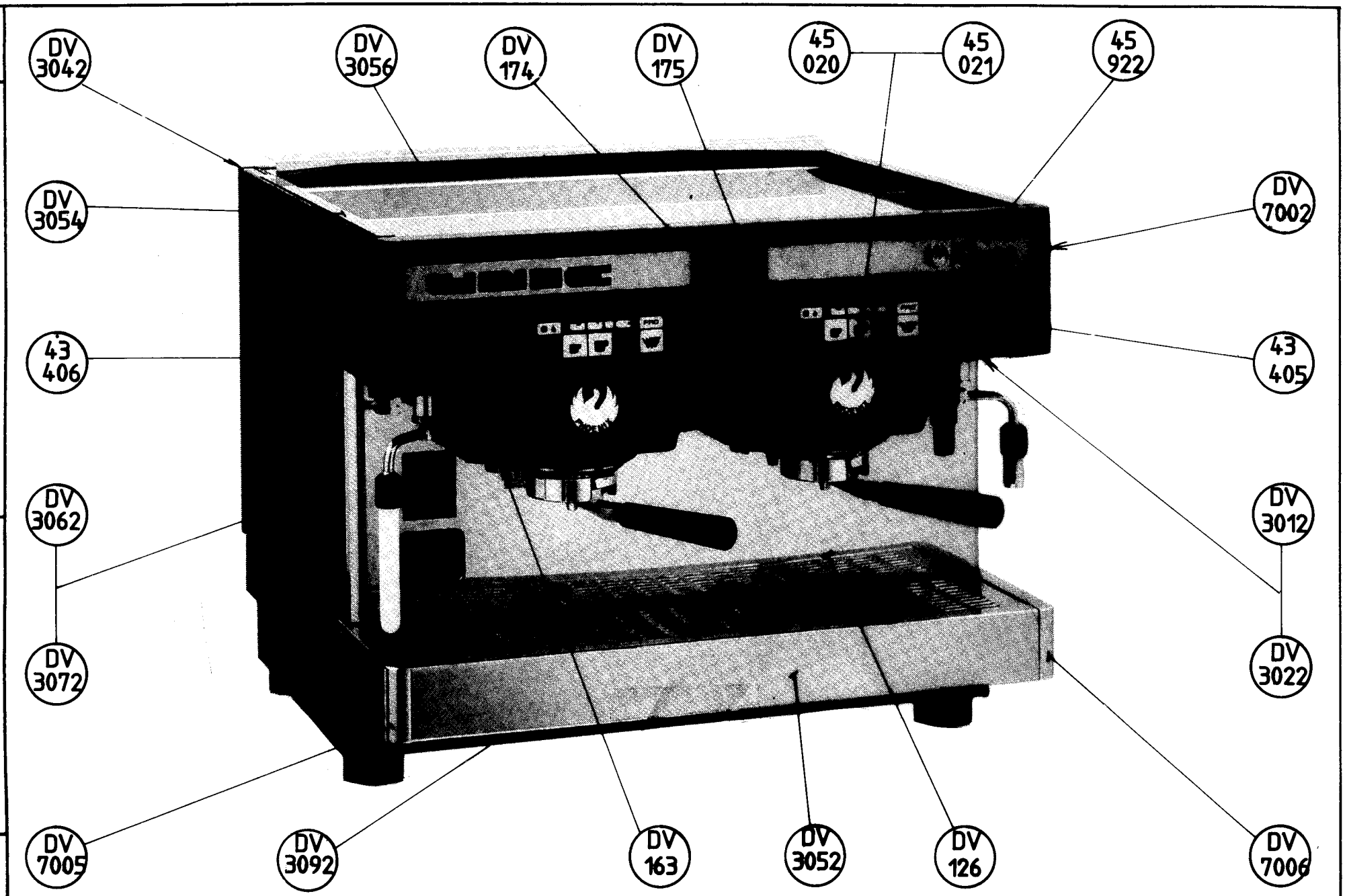
PLANCHE/PLATE : 120

43405	INTERRUPTEUR UNIP EAU CHAUDE	HOT WATER SWITCH
43406	INTERRUPTEUR VAPEUR	STEAM SWITCH
45004	BOITE ELECTRONIQUE d0 115V	ELECTRONIC BOX 115V d0
45005	BOITE ELECTRONIQUE d1 115V	ELECTRONIC BOX d1 115V
45020	BOITE ELECTRONIQUE d0 230V	ELECTRONIC BOX 230V d0
45021	BOITE ELECTRONIQUE d1 230V	ELECTRONIC BOX d1 230V
45920	BANDEAU ADHESIF PHOENIX	STICKER PHOENIX
DV-27	DEVANT DE DIVA OU PHOENIX	PANEL - FRONT - LOWER
DV-163	JUPETTE PLASTIQUE MOD	COVER PLASTIC
DV-167	INTERRUPT.ON/OFF ROUGE 125V	SWITCH ON-OFF
DV-168	INTERRUPT.CHAUFFE AMBRE 125V	HEATING SWITCH
DV-174	INTERRUPT. ON/OFF ROUGE 250V.	RED SWITCH
DV-175	INTERRUPT. CHAUFFE AMBRE 250V	SWITCH AMBER
DV3002	CALANDRE NOIRE	UPPER FRONT PANEL
DV3032	CHEMISE PHOENIX NOIRE	CASING
DV3051	GRILLE DE BASSINE 1 GROUPE	1 UNIT OVERFLOW TRAY GRID
DV3053	CHAUFFE TASSES 1 GROUPE	CUP WARMER
DV3062	COTE DROIT NOIR	RIGHT SIDE
DV3072	COTE GAUCHE NOIR	LEFT SIDE
DV3091	TOLE PROTECTION DESSOUS 1 G	PANEL UNDER CARRAGE
DV7002	EMBOUT DE CALANDRE PEINT NOIR	UPPER FRONT PANEL ORNAMENTAL
DV7005	EMBOUT BASSINE GAUCHE CHROME	OVERFLOW TRAY LEFT END
DV7006	EMBOUT BASSINE DROIT CHROME	OVERFLOW TRAY RIGHT END


DV 3053
DV 167
DV 174
DV 168
DV 175
45 920
DV 3032
45 004
DV 7002
45 005
43 406
45 020
DV 163
45 021
DV 3062
43 405
DV 3072
DV 27
DV 3002
DV 7006
DV 7005
DV 3091
DV 3051

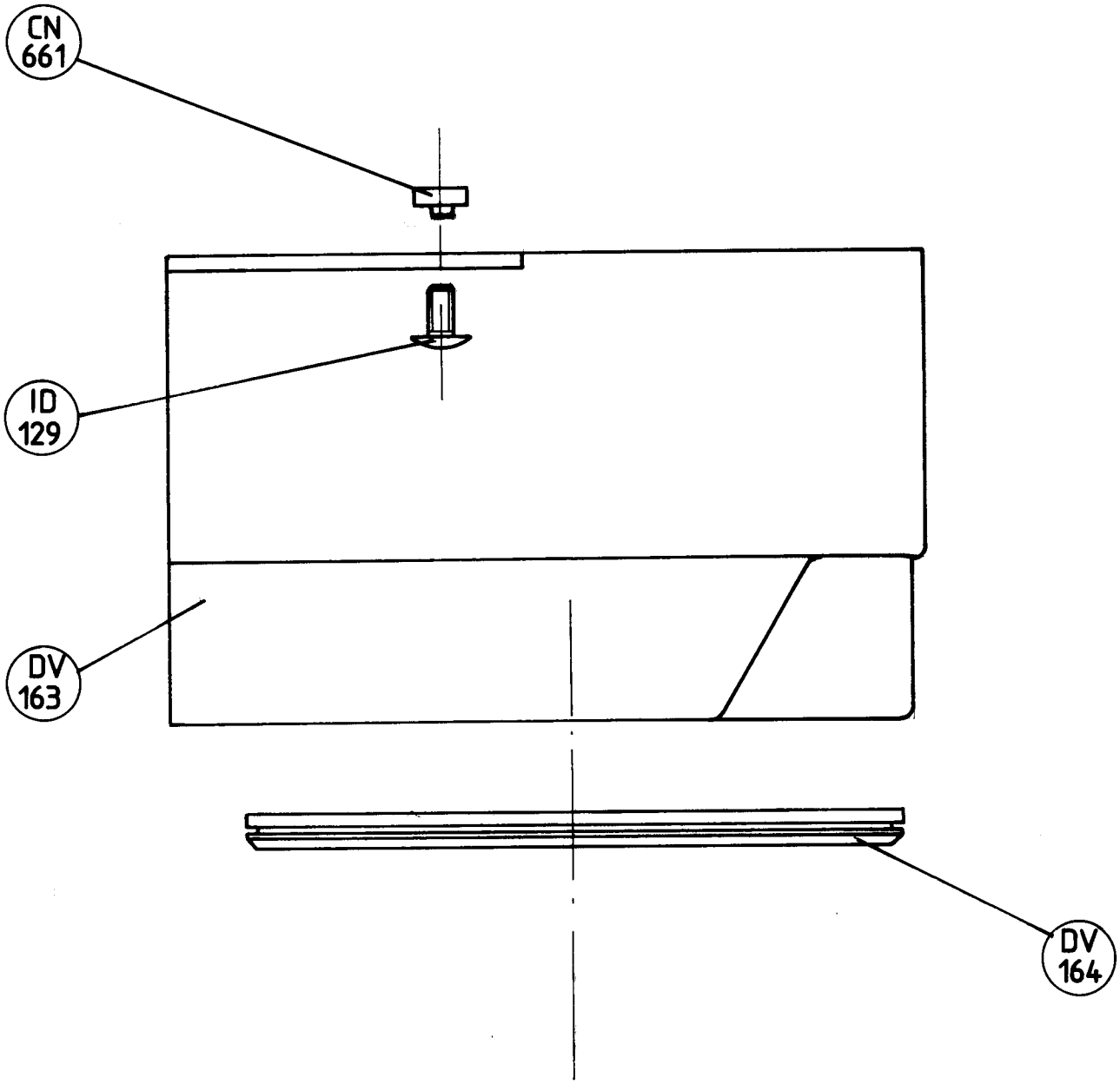
PLANCHE/PLATE : 130

43405	INTERRUPTEUR UNIP EAU CHAUDE	HOT WATER SWITCH
43406	INTERRUPTEUR VAPEUR	STEAM SWITCH
45020	BOITE ELECTRONIQUE d0 230V	ELECTRONIC BOX 230V d0
45021	BOITE ELECTRONIQUE d1 230V	ELECTRONIC BOX d1 230V
45922	BANDEAU ADHESIF TWIN PHOENIX	STICKER TWIN PHOENIX
DV-126	DEVANT TWIN	PANEL-FRONT-LOWER
DV-163	JUPETTE PLASTIQUE MOD	COVER PLASTIC
DV-174	INTERRUPT. ON/OFF ROUGE 250V.	RED SWITCH
DV-175	INTERRUPT. CHAUFFE AMBRE 250V	SWITCH AMBER
DV3012	CALANDRE TWIN PHOENIX NOIRE	TWIN UPPER FRONT PANEL
DV3022	CALANDRE TWIN PHOENIX NOIRE	TWIN 2 STEAM UPPER FRONT PANEL
DV3042	CHEMISE TWIN NOIRE	TWIN CASING
DV3052	GRILLE DE BASSINE 2 GROUPES	2 UNITS OVERFLOW TRAY GRID
DV3054	CHAUFFE TASSES 2 GROUPES	CUP WARMER
DV3056	TOLE DE PROTECTION 2 GROUPE	2 UNIT STAINLESSSTEEL SHEET
DV3062	COTE DROIT NOIR	RIGHT SIDE
DV3072	COTE GAUCHE NOIR	LEFT SIDE
DV3092	TOLE PROTECTION DESSOUS 2 G	2 UNIT PANEL UNDER CARRIAGE
DV7002	EMBOUT DE CALANDRE PEINT NOIR	UPPER FRONT PANEL ORNAMENTAL
DV7005	EMBOUT BASSINE GAUCHE CHROME	OVERFLOW TRAY LEFT END
DV7006	EMBOUT BASSINE DROIT CHROME	OVERFLOW TRAY RIGHT END


DV 3042
DV 3056
DV 174
DV 175
45 020
45 021
45 922
DV 3054
DV 7002
43 406
43 405
DV 3062
DV 3012
DV 3072
DV 3022
DV 7005
DV 3092
DV 163
DV 3052
DV 126
DV 7006

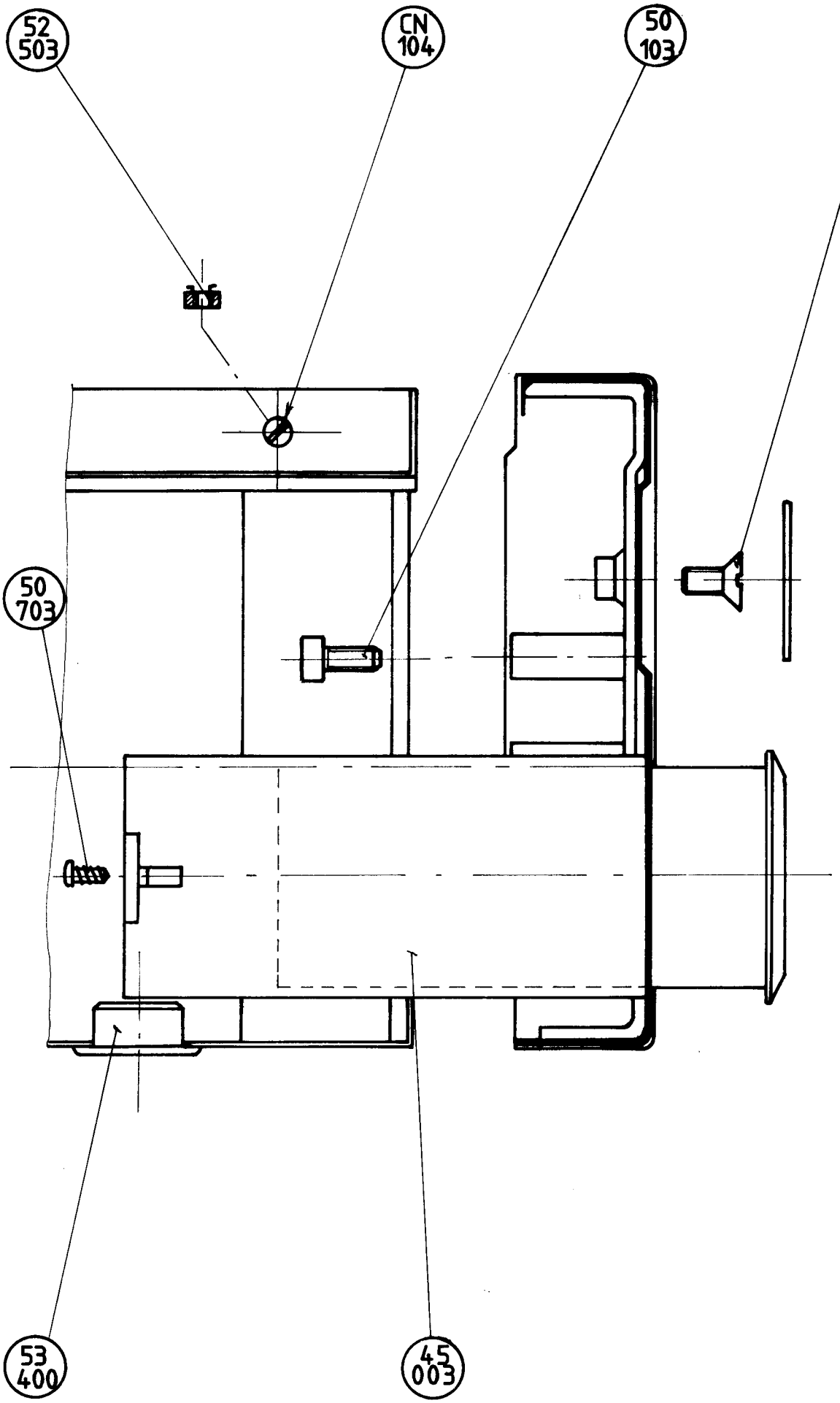
PLANCHE/PLATE : 200

CN-661	ECROU RAPID M4 EN CAGE /1à1,6	INSERT NUT M4
DV-163	JUPETTE PLASTIQUE MOD	PLASTIC COVER
DV-164	JOINT POUR JUPETTE NSF	GASKET COVER
ID-129	VIS INOX POELIER VM 4 X 8	SCREW 4X10


CN
661
ID
129
DV
163
DV
164

PLANCHE/PLATE : 210

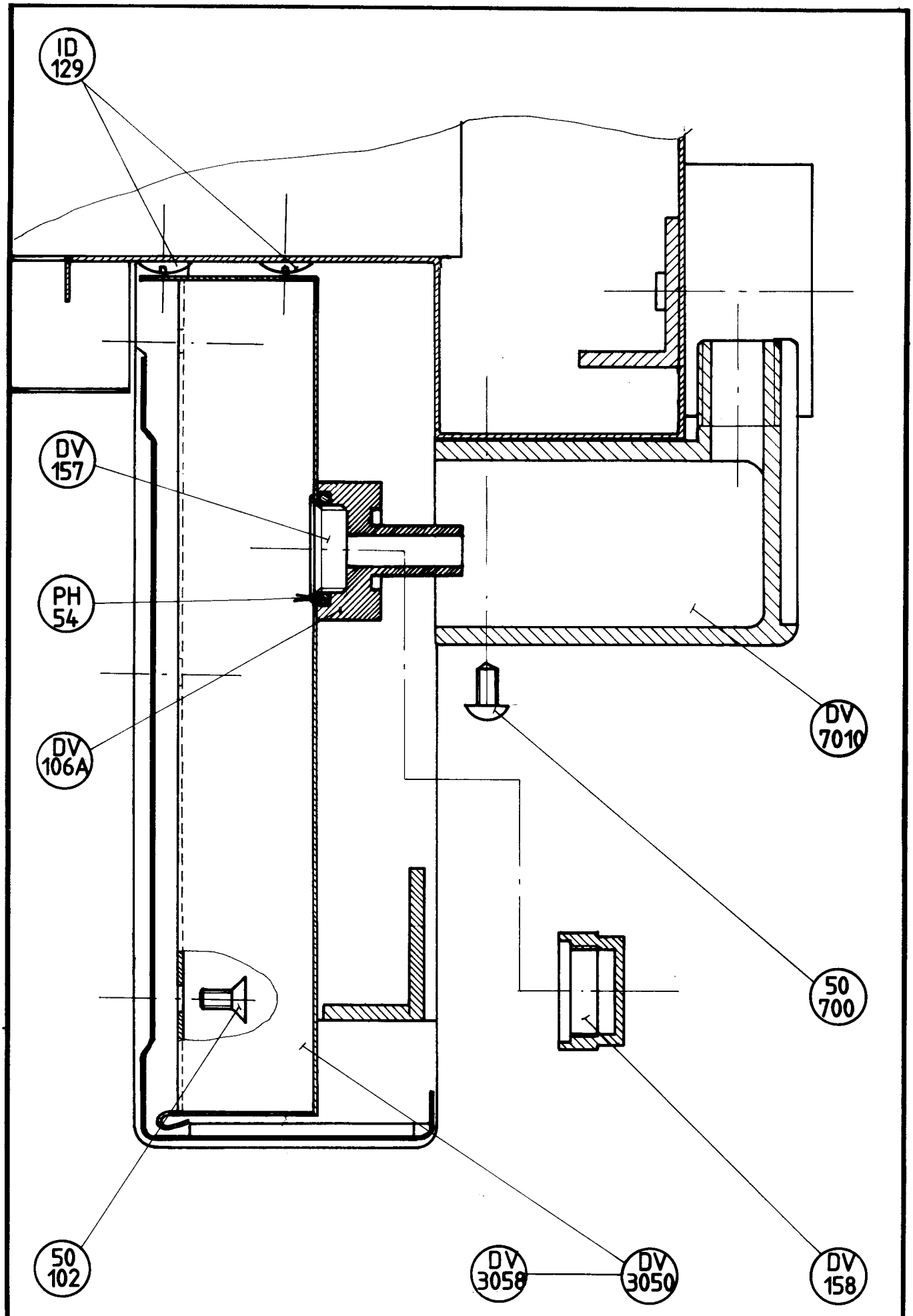
45003	PATTE DE FIXATION	FASTENING LUG
50102	VIS AUTOFORMEUSE TF M4 X 8	M4 X 8 TF SCREW
50103	VIS AUTOFORMEUSE TC M4 X 12	M4 X 12 TC SCREW
50703	VIS PARKER N6 9,5 SP CRUCIF.	PARKER SCREW
52503	ECROU EN CAGE M3 pour ep 1	M3 NUT
53400	CAPUCHON PLASTIQUE NOIR 19	BLACK PLASTIC CAP
CN-104	VIS INOX TC 3 x 12	SCREW M3 X 12



11-96	FACE AVANT FRONT	UNIC	210

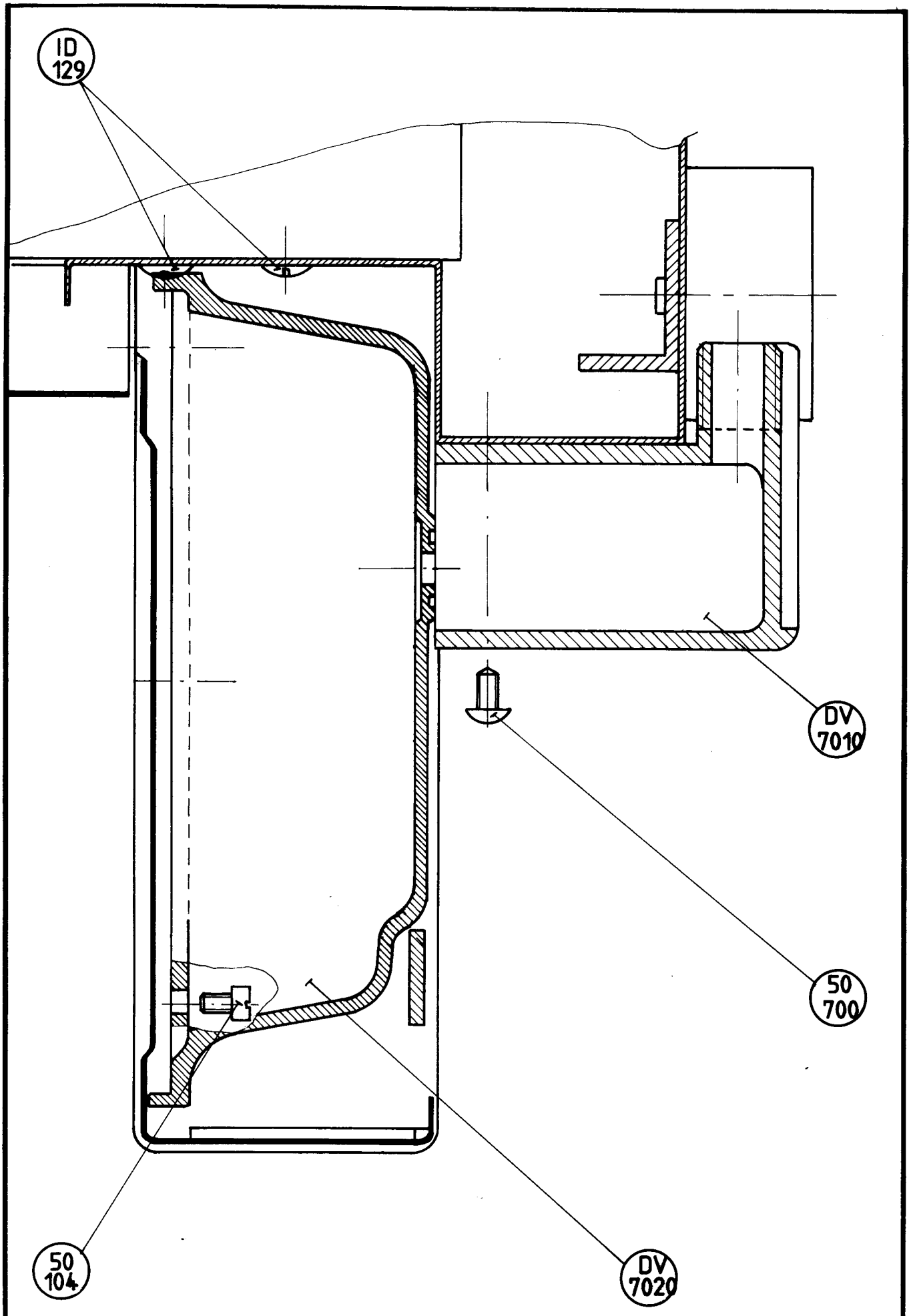
PLANCHE/PLATE : 220

50102	VIS AUTOFORMEUSE TF M4 X 8	M4 X 8 TF SCREW
50700	VIS PARKER TC 4,3x13 ACIER ZN	PARKER SCREW
DV-106A	RACCORD 3/8F	FITTING 3/8F
DV-157	RACCORD DE VIDANGE DE BASSINE	DRAIN CONNECTION
DV-158	BOUCHON 3/8 POUR VIDANGE	CAP
DV3050	BASSINE 2 GROUPES	2 UNITS OVERFLOW TRAY
DV3058	BASSINE 3 GROUPES	3 UNITS OVERFLOW TRAY
DV7010	BOITE DE VIDANGE	DRAIN BOX
ID-129	VIS INOX POELIER VM 4 X 8	SCREW 4 X 8
PH-54	JOINT TORIQUE 2,62X13,95 EPDM	GASKET 13.95 X 2.62


ID 129
DV 157
PH 54
DV 106A
DV 7010
50 700
50 102
DV 3058
DV 3050
DV 158

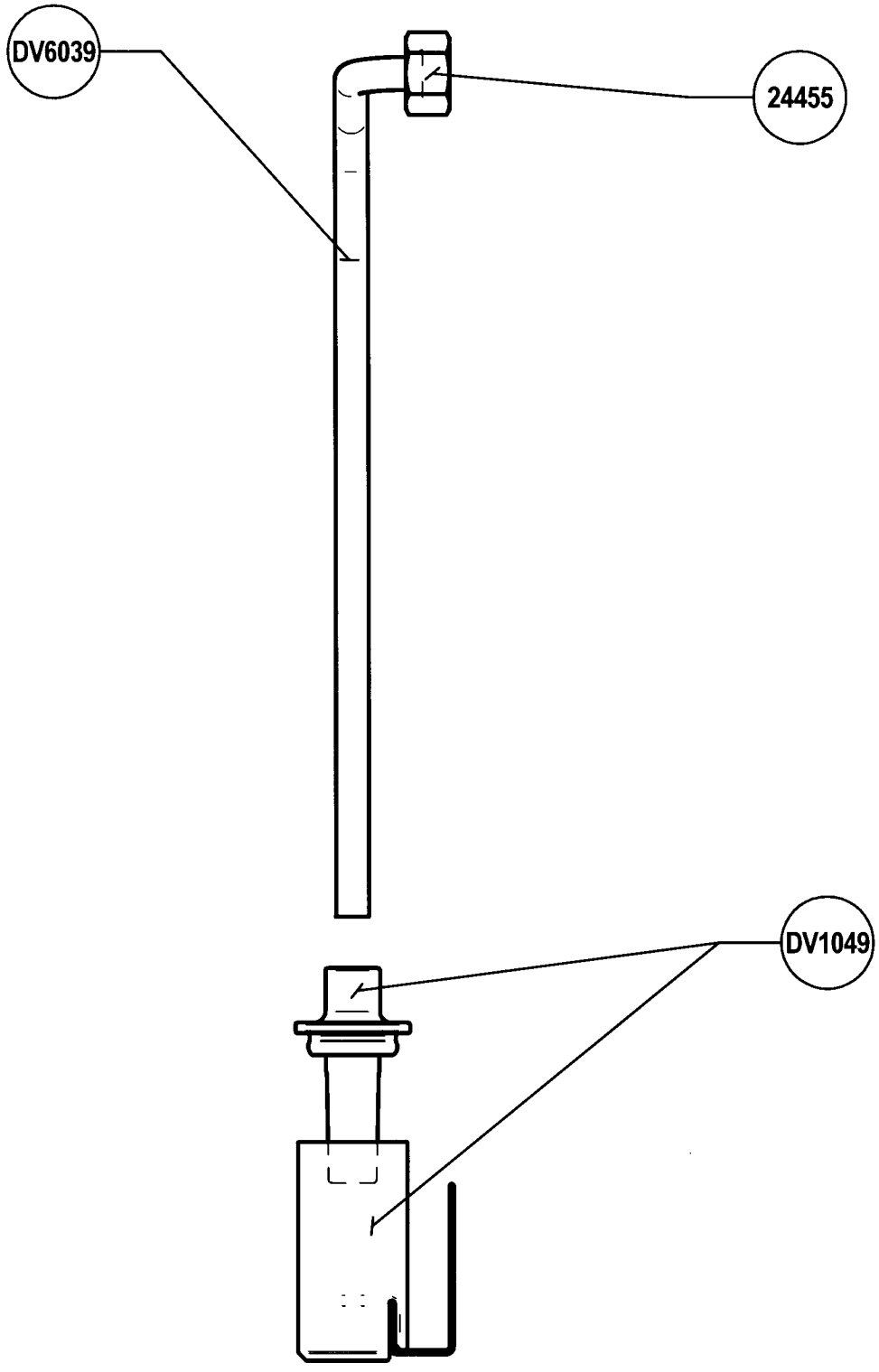
PLANCHE/PLATE : 230

50104	VIS TC M4 x 8 AUTOFORMEUSE	M4 X 8 TC SCREW
50700	VIS PARKER TC 4,3x13 ACIER ZN	PARKER SCREW
DV7010	BOITE DE VIDANGE	DRAIN BOX
DV7020	BASSINE PLASTIQUE NOIRE	BLACK PLASTIC OVERFLOW TRAY
ID-129	VIS INOX POELIER M 4 X 8	SCREW M4 X 8


ID
129
DV
7010
50
700
50
104
DV
7020

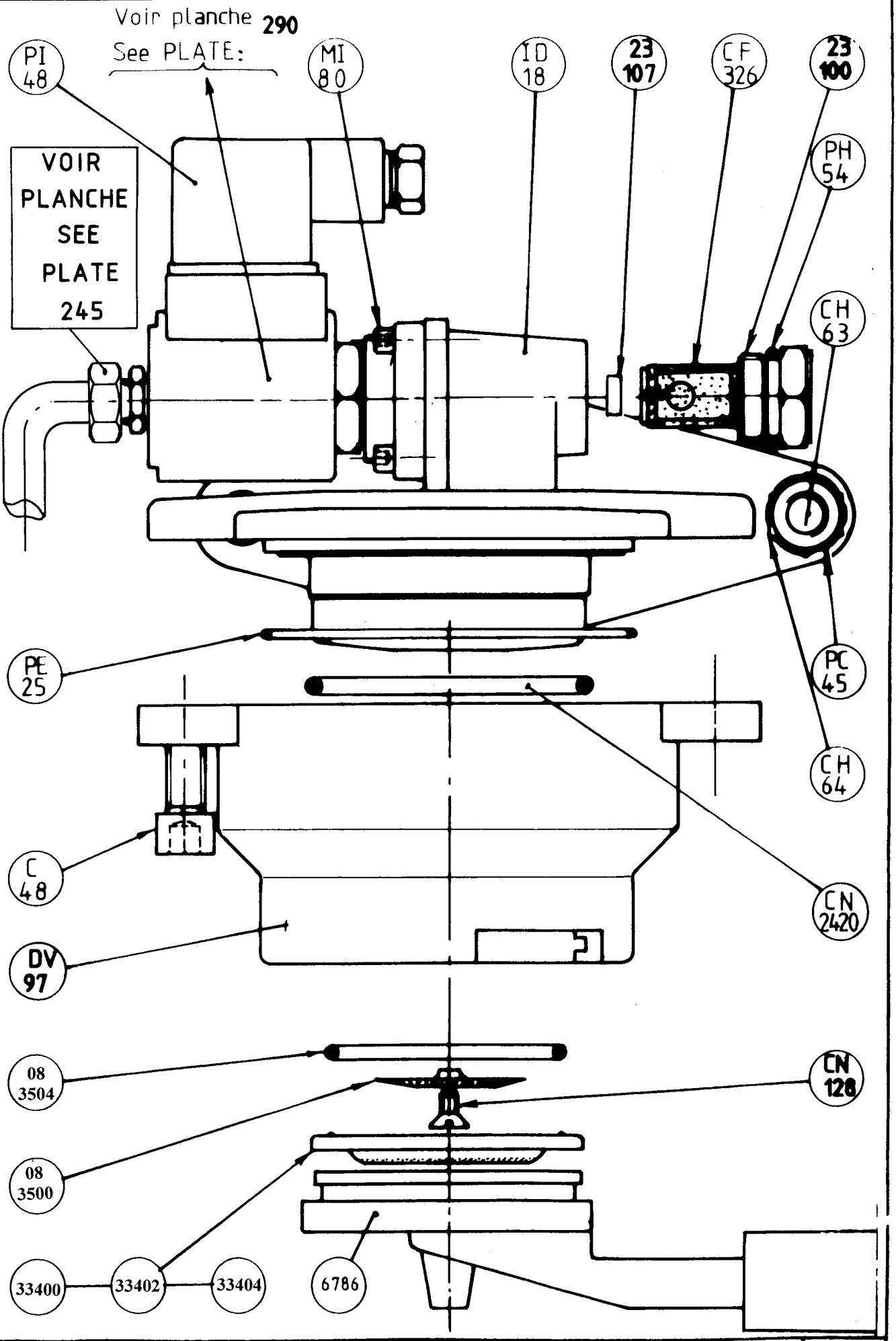
PLANCHE/PLATE : 245

24455	ECROU 1/8	NUT 1/8
DV1049	EMBOUT DE DECOMPRESSION	DECOMPRESSION TIP
DV6039	TUBE CUIVRE DE DECOMPRESSION	DECOMPRESSION PIPE


DV6039
24455
DV1049

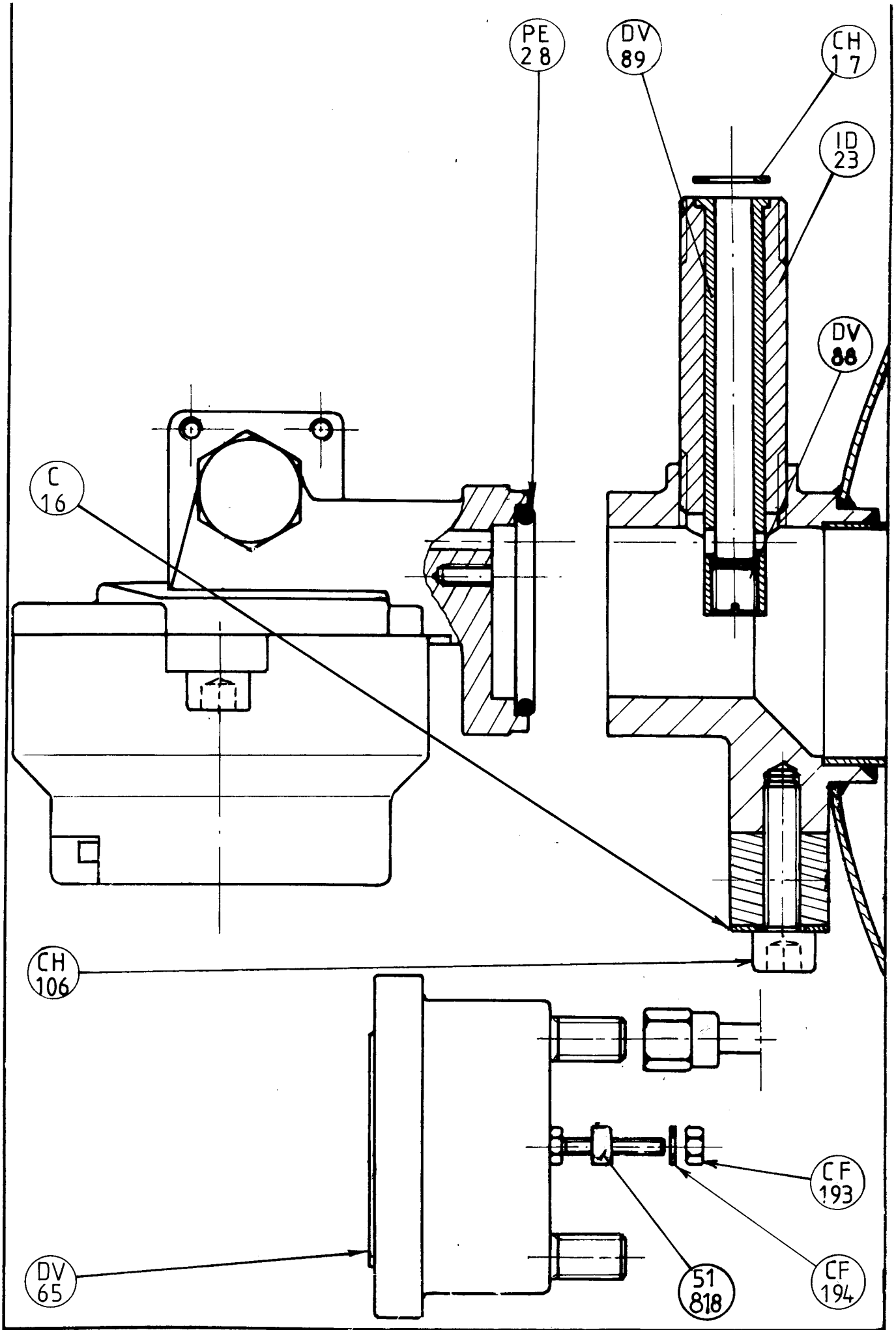
PLANCHE/PLATE : 260

6786	PORTE FILTRE ILLY	COMPLETE FILTER HOLDER ILLY
23100	PORTE GICLEUR	FILTER SCREEN BODY
23107	GICLEUR DIAM:0,7	GICLUER DIAM. 0.7
33400	FILTRE INOX 31mm N1	FILTER 31mm N1
33402	FILTRE INOX 33 mm N2	FILTER 33mm N2
33404	FILTRE INOX 35mm N3 P0.25	FILTER 35mm 0.25
083500	DOUCHETTE INOX	STAINLESS STEEL SPRAY
083504	JOINT TORIQUE 5,34 X 43?82 FKM	GASKET 5,34 X 43,82 FKM
C-48	VIS TCHC M8X16 INOX	SCREW M8 X 16
CF-326	FILTRE INOX D.int=12 H=17,5	FILTER D:12 H:17,5
CH-63	GOUJON ACIER NICKELE M10	SCREW M10 -STUD
CH-64	ECROU ACIER ZN Hu 10	NUT M10
CN-128	VIS INOX TF 4 x 8	SCREW M4X8
CN-2420	JOINT TORIQUE 3,53X52,39 FKM	GASKET 3.53 X 52.39
DV-97	PORTE FILTRE INTERFACE CHROME	INTERFACE FILTER HOLDER
ID-18	CORPS DE GROUPE INJECTION	GROUP BODY - EROGATION
MI-80	VIS TCHC M4x12 INOX	SCREW M4 X 12
PC-45	RONDELLE GROVER 10	WASHER
PE-25	JOINT TORIQUE 2,62X74,27 FKM	GASKET - 74.27 x 2.62
PH-54	JOINT TORIQUE 2,62X13,95 EPDM	GASKET - 13.95 x 2.62
PI-48	CONNECTEUR POUR ELECTROVANNE	ELECTRICAL - SOLENOID PLUG


Voir planche 290
See PLATE:
PI 48
MI 80
ID 18
23 107
CF 326
23 100
PH 54
VOIR PLANCHE SEE PLATE 245
CH 63
PE 25
PC 45
CH 64
C 48
CN 2420
DV 97
08 3504
CN 128
08 3500
33400
33402
33404
6786

PLANCHE/PLATE : 270

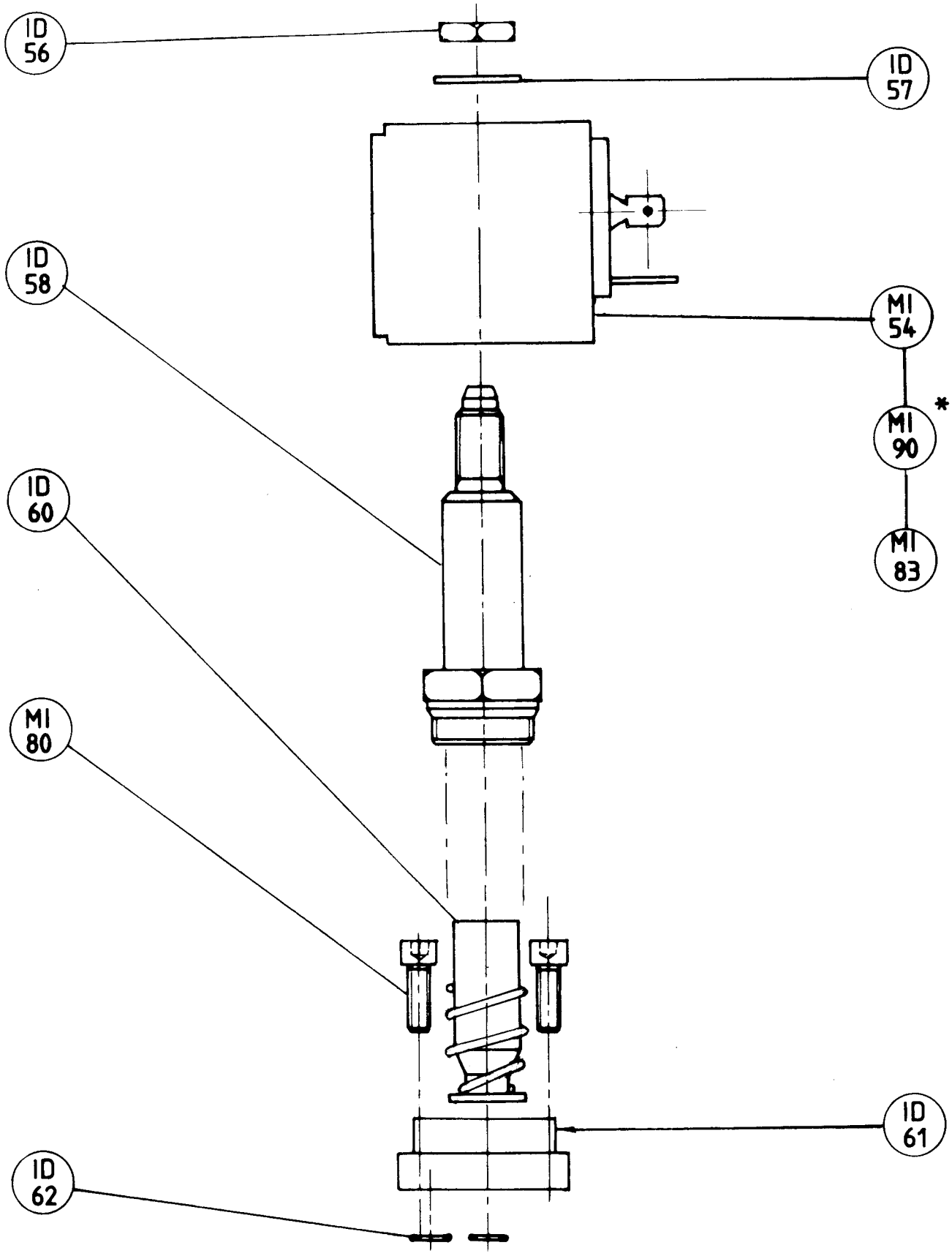
C-16	RONDELLE ACIER NICKELE M8	STEEL WASHER
CF-193	ECROU LAITON Hu 5	NUT M5
CF-194	RONDELLE LAITON DE 5 MOYENNE	WASHER
CH-106	VIS ACIER TCHC 8 x 30	SCREW M8 X 30
CH-17	JOINT CUIVRE RECUIT 1/2	WASHER - COPPER - 1/2
DV-65	MANOMETRE UNE ECHELLE 0-4,5b	MANOMETER
DV-88	BOUCHON EN TEFLON	PLUG
DV-89	TUBE ALIMENTATION PR PHOENIX	MIXING TUBE-TEFLON-GROUP
ID-23	RACCORD ALIM. FLASQUE CHAUD.	GROUP INTAKE CONNECTION
PE-28	JOINT TORIQUE 3,53X36,09 FKM	GASKET 3,53X36,09



PA 2-90	GROUPE ET MANOMETRE UNIT AND MANOMETER		270

PLANCHE/PLATE : 290

ID-56	ECROU D'ELECTROVANNE	NUT
ID-57	RONDELLE DE FREIN	WASHER
ID-58	CORPS DEPHASEUR EV. O.D.E.	SOLENOID CASING - GROUP
ID-60	NOYAU ELECTROVANNE O.D.E. NM	SOLENOID PISTON - GROUP
ID-61	EMBASE D'ELECTROVANNE O.D.E	SOLENOID BODY - GROUP
ID-62	JOINT TORIQUE POUR EV PI-45	SOLENOID O'RING - GROUP
MI-54	BOBINE ELECTROV.8W ODE 220/50	ELECTROVALVE COIL 22OV-50HZ
MI-80	VIS TCHC M4x12 INOX	SCREW M4 X 12
MI-83	BOBINE EV O.D.E 220V 60HZ UL	ELECTROVALVE COIL 220V-60HZ
MI-90	BOBINE EV O.D.E 110V60 UL	ELECTROVALVE COIL 110V60Hz
PI-45	ELECTROVANNE 3V 220V50HZ	WHOLE ELECTROVALVE 220V 50HZ
PI-45A	ELECTROV.3V 110V60Hz UL	WHOLE ELECTROVALVE 110V 60HZ
PI-45B	ELECTROVANNE 3V. 220V60HZ UL	WHOLE ELECTROVALVE 220V-60HZ
PI-45X	ELECTROVANNE 3V D:1 SANS BOBIN	ELECTROVALVE 3W WITHOUT COIL

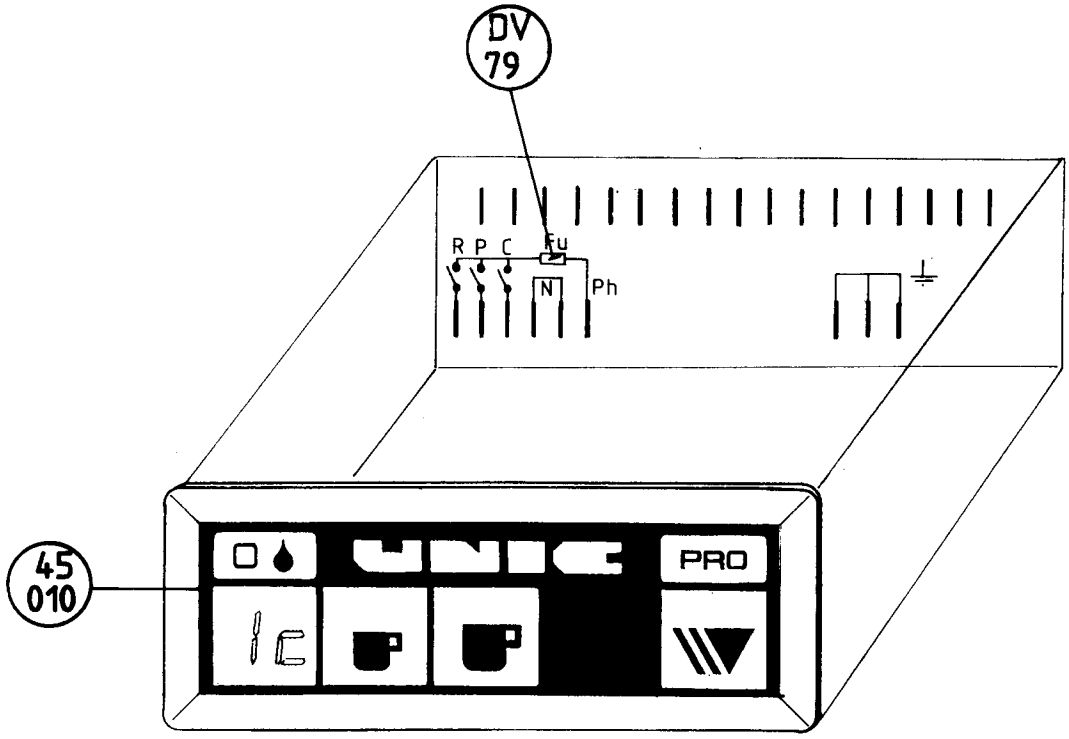


ELECTROVANNE COMPLETE COMPLETE ELECTROVALVE	220V - 50 Hz	PI-45
	220V - 60 Hz	PI-45B
	110V - 60 Hz	PI-45A *

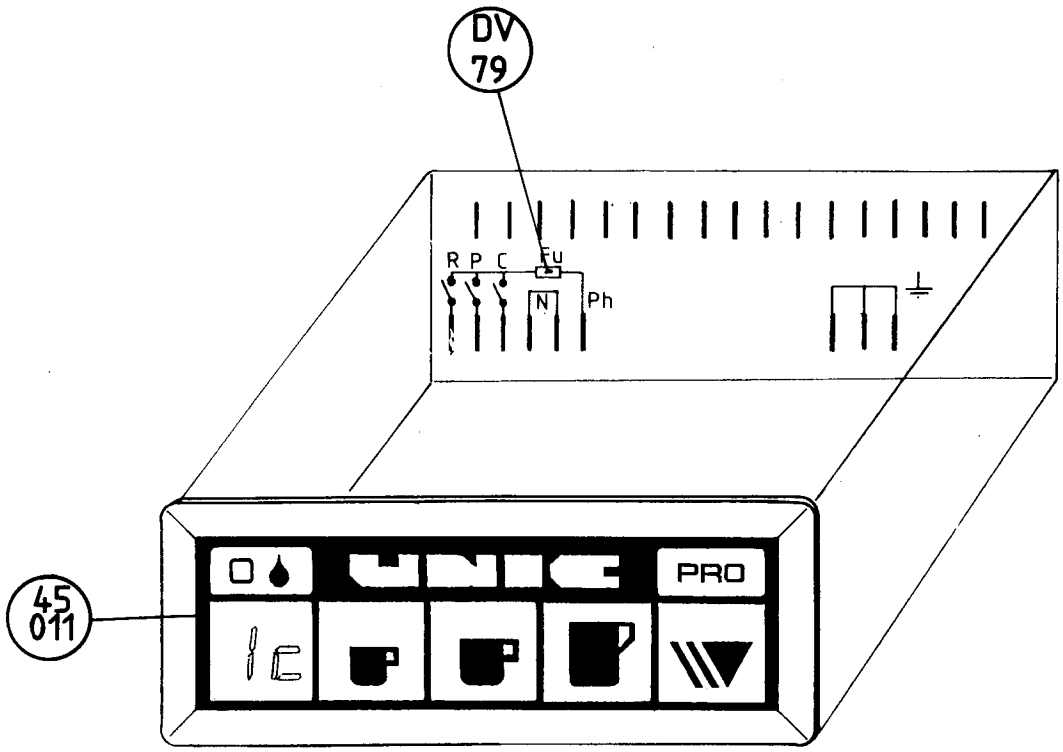
*110V uniquement DIVA et PHŒNIX / 110V DIVA and PHŒNIX ONLY

PLANCHE/PLATE : 300

45004	BOITE ELECTRONIQUE d0 115V	ELECTRONIC BOX d0 115V
45005	BOITE ELECTRONIQUE d1 115V	ELECTRONIC BOX d1 115V
45010	CLAVIER TYPE d0	KEY BOARD d0
45011	CLAVIER TYPE d1	KEY BOARD d1
45020	BOITE ELECTRONIQUE d0 230V	ELECTRONIC BOX d0 230V
45021	BOITE ELECTRONIQUE d1 230V	ELECTRONIC BOX d0 230V
DV-79	FUSIBLE TTT 5A 125V RETARDE	FUSE 5A 125V DELAYED



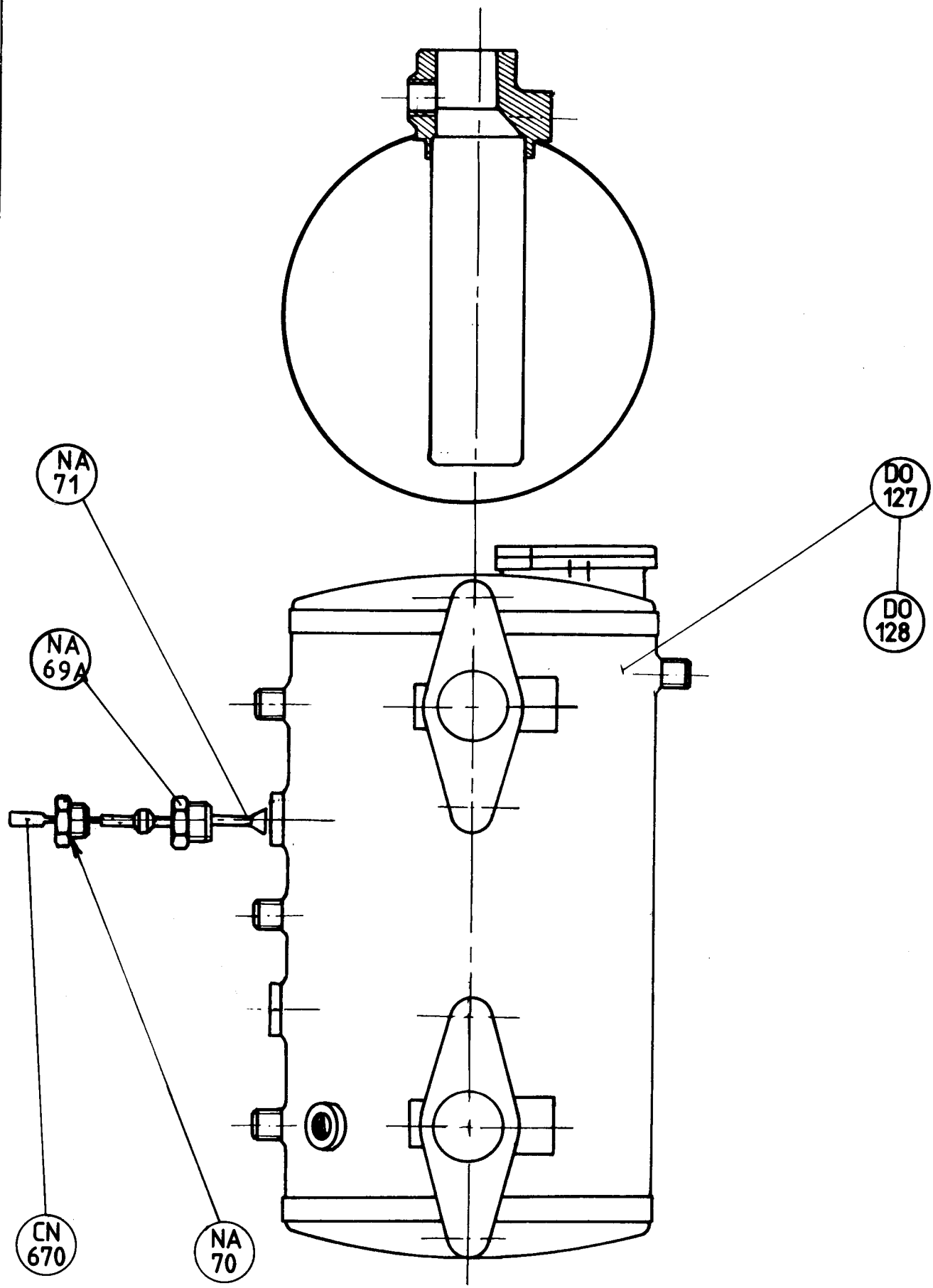
BOITE ELECTRONIQUE TYPE d0 110V / ELECTRONIC BOX d0 110V : 45004
BOITE ELECTRONIQUE TYPE d0 220V / ELECTRONIC BOX d0 220V : 45020



BOITE ELECTRONIQUE TYPE d1 110V / ELECTRONIC BOX d1 110V : 45005
BOITE ELECTRONIQUE TYPE d1 220V/ ELECTRONIC BOX d1 220V : 45021

PLANCHE/PLATE : 320

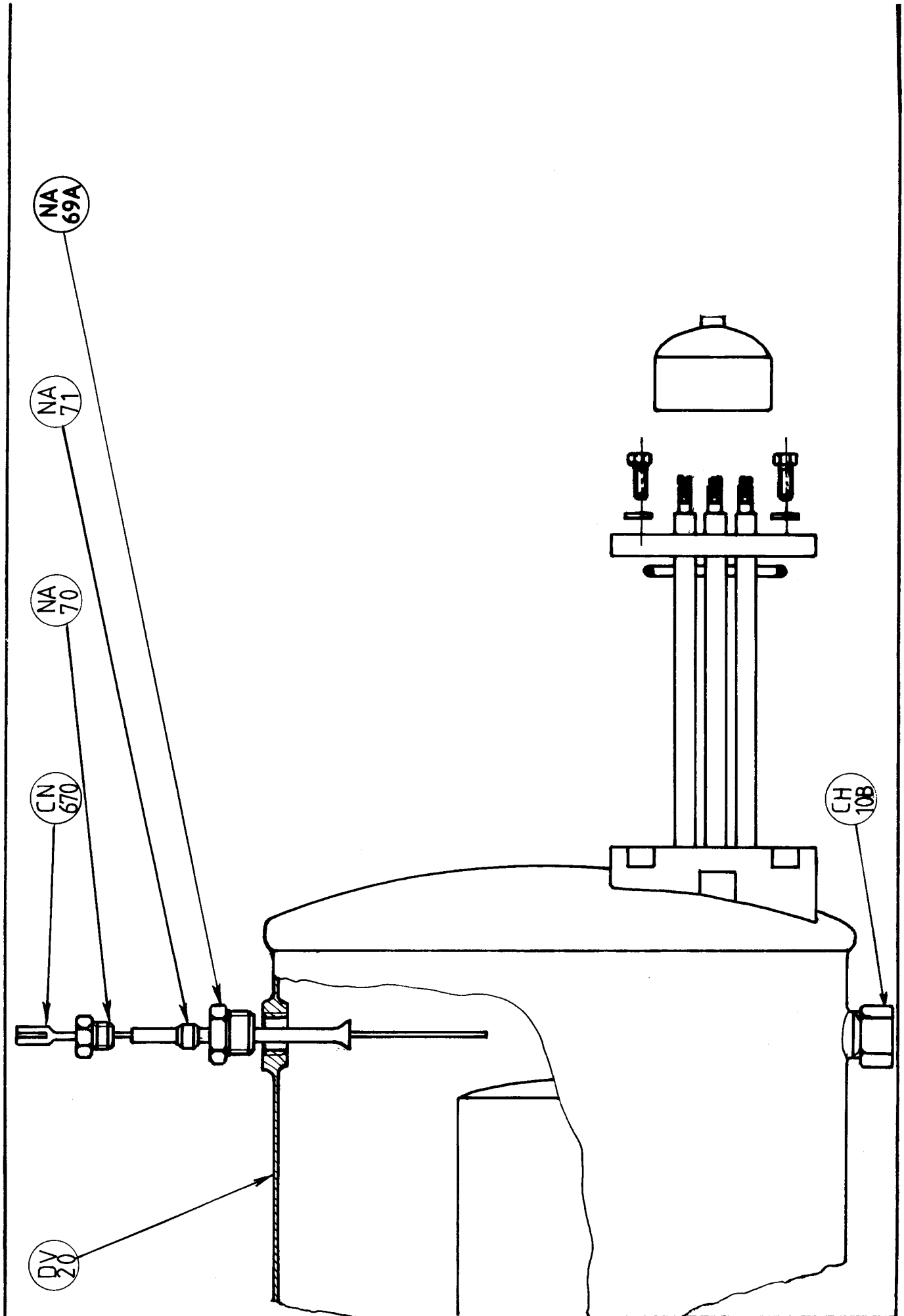
CN-670	SONDE NIVEAU BAS INOX 2,5X165	LEVEL PROBE
DO-127	CHAUDIERE INJECTION 2 GROUPES	2 UNIT BOILER
DO-128	CHAUDIERE INJECTION 3 GROUPES	3 UNIT BOILER
NA-69A	PORTE SONDE EN LAITON	PROBE HOLDER CONNECTION
NA-70	BLOCAGE ELECTRODE NIVEAU AUTO	LEVEL PROBE COMPRESSION NUT
NA-71	PORTE-ELECTRODE EN TEFLON	LEVEL PROBE INSULATION



93-05	CHAUDIÈRE BOILER		320

PLANCHE/PLATE : 330

CH-10B	ECROU BORGNE 3/8 DE CHAUDIERE	NUT
CN-670	SONDE NIVEAU BAS INOX 2,5X165	LEVEL PROBE
DV-20	CHAUDIERE FINIE NUE PR "DIVA"	BOILER
NA-69A	PORTE SONDE EN LAITON	PROBE HOLDER CONNECTION
NA-70	BLOCAGE ELECTRODE NIVEAU AUTO	LEVEL PROBE COMPRESSION NUT
NA-71	PORTE-ELECTRODE EN TEFLON	LEVEL PROBE INSULATION


NA 69A
NA 71
NA 70
CN 670
CH 108
RV 20

94-04

CIRCUIT HYDRAULIQUE
HYDRAULIC CIRCUIT

PHŒNIX

380

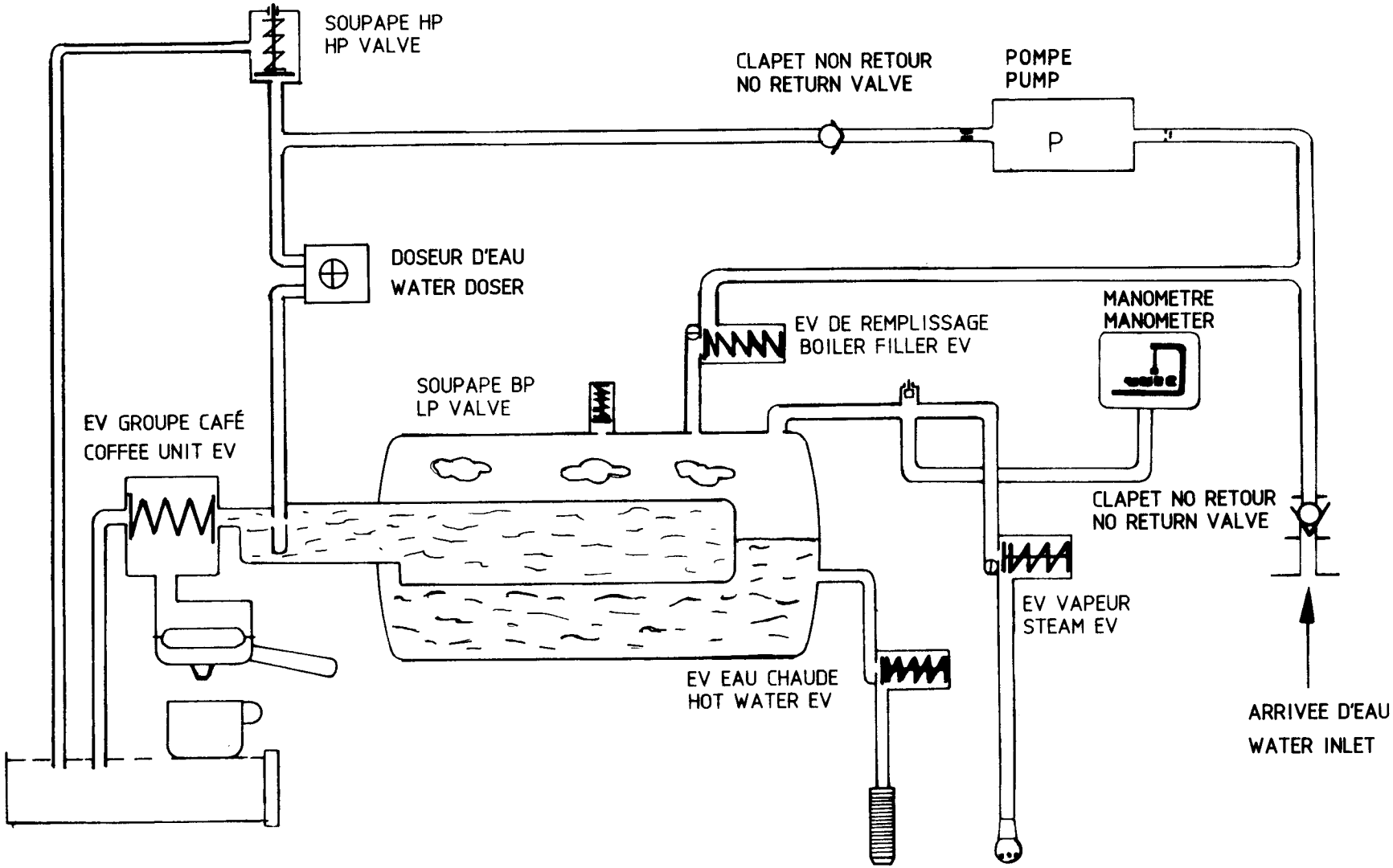
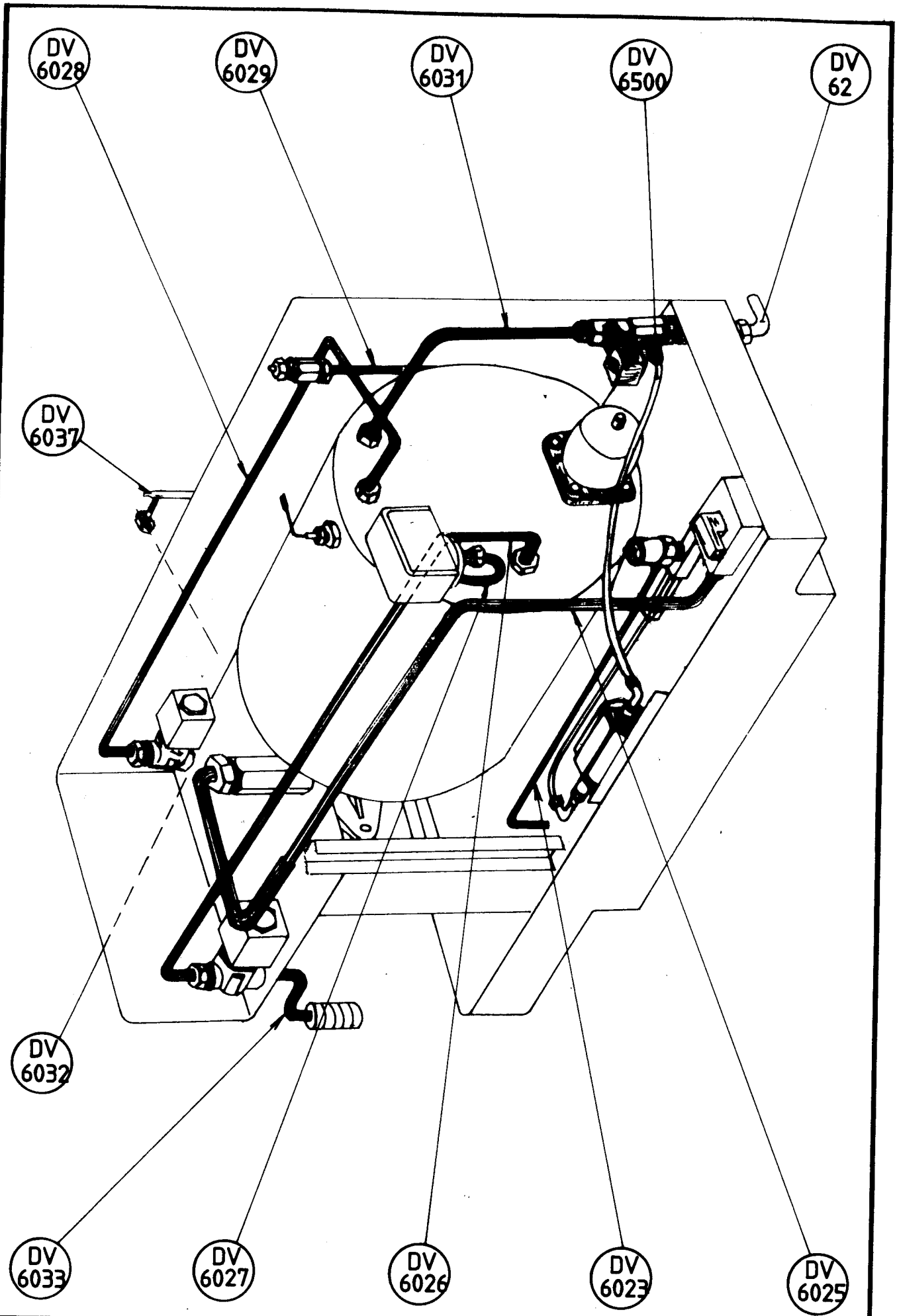


PLANCHE 390 PLATE

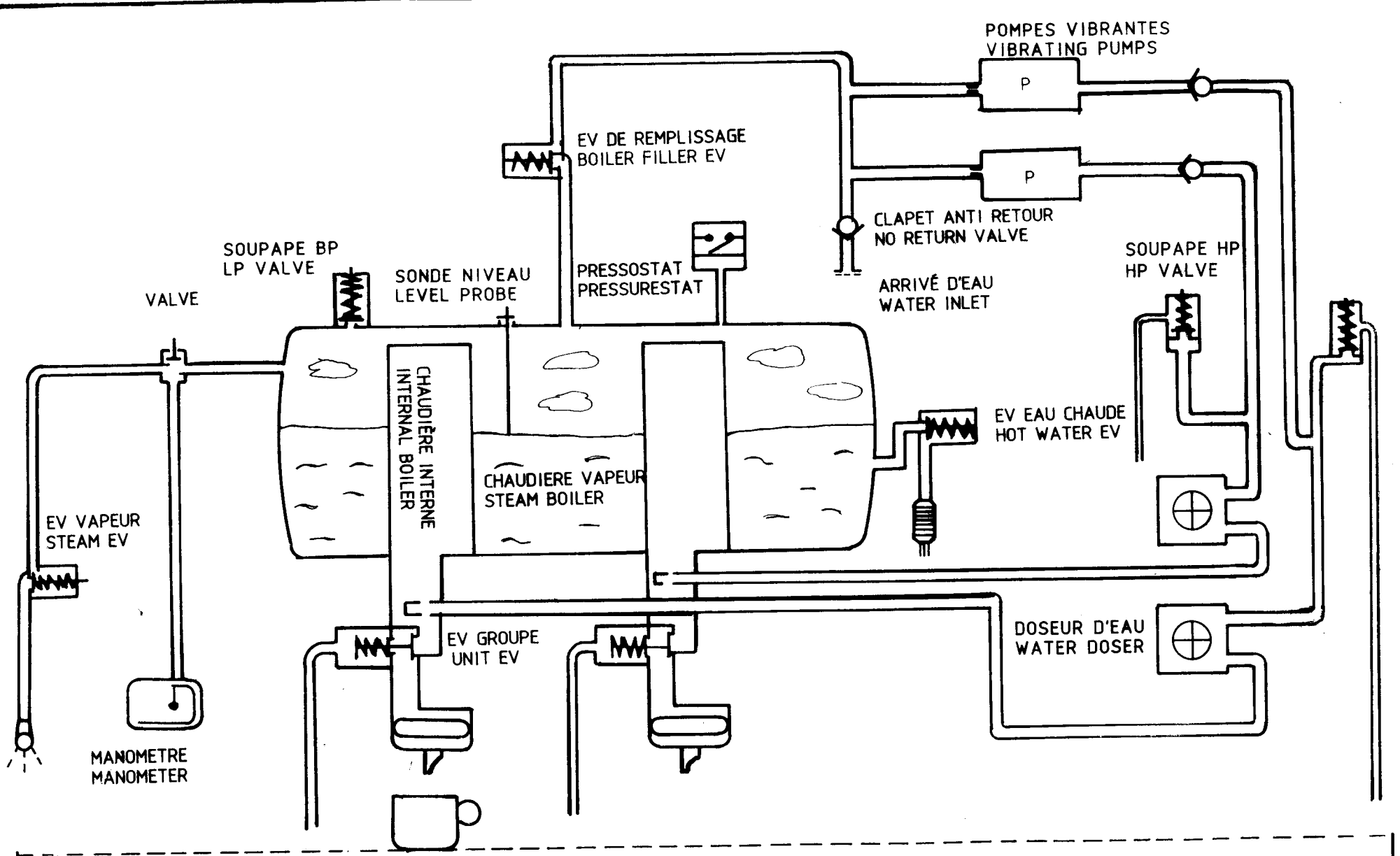
MODELE / MODEL **PHOENIX**

REF. **Ref.**	**DESIGNATION** **Designation**	**QUANTITE** **Quantity**
DV62	Raccord coude 3/8 chrome Pipe - 3/8 elbow x Hose	1
DV6039	Tube décompression Pipe - group discharge	1
DV6023	Tube cuivre soupape HP Pipe - valve exhaust	1
DV6025	Tube d'alimentation groupe Pipe - unit filling	1
DV6026	Tube EV eau chaude Pipe - hot water valve	1
DV6027	Tube pressostat Pipe - pressurestat	1
DV6028	Tube cuivre valve EV vapeur Pipe - steam valve	1
DV6029	Tube manomètre BP Pipe - manometer LP	1
DV6031	Tube remplissage chaudière Pipe - boiler filling	1
DV6032	Tube sortie vapeur Pipe - steam outlet	1
DV6033	Tube sortie eau Pipe - hot water outlet	1
DV6500	Tube rilsan Pipe	2


DV 6028
DV 6029
DV 6031
DV 6500
DV 62
DV 6037
DV 6032
DV 6033
DV 6027
DV 6026
DV 6023
DV 6025

94-12

Circuit hydraulique Twin phœnix avec doseur.
Hydraulic circuit Twin with doser



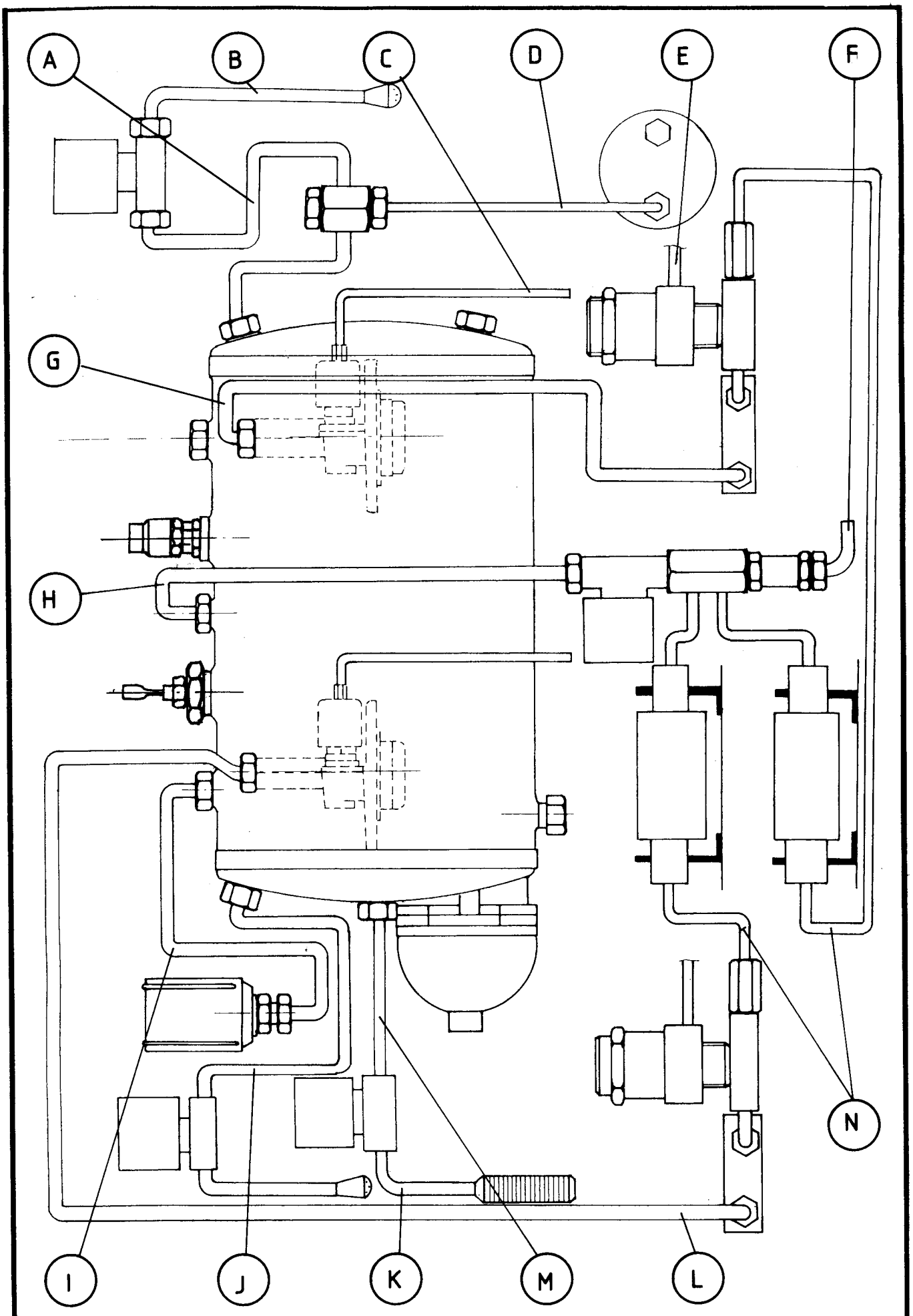
400

PLANCHE 410 PLATE

MODELE / MODEL **TWIN PHOENIX**

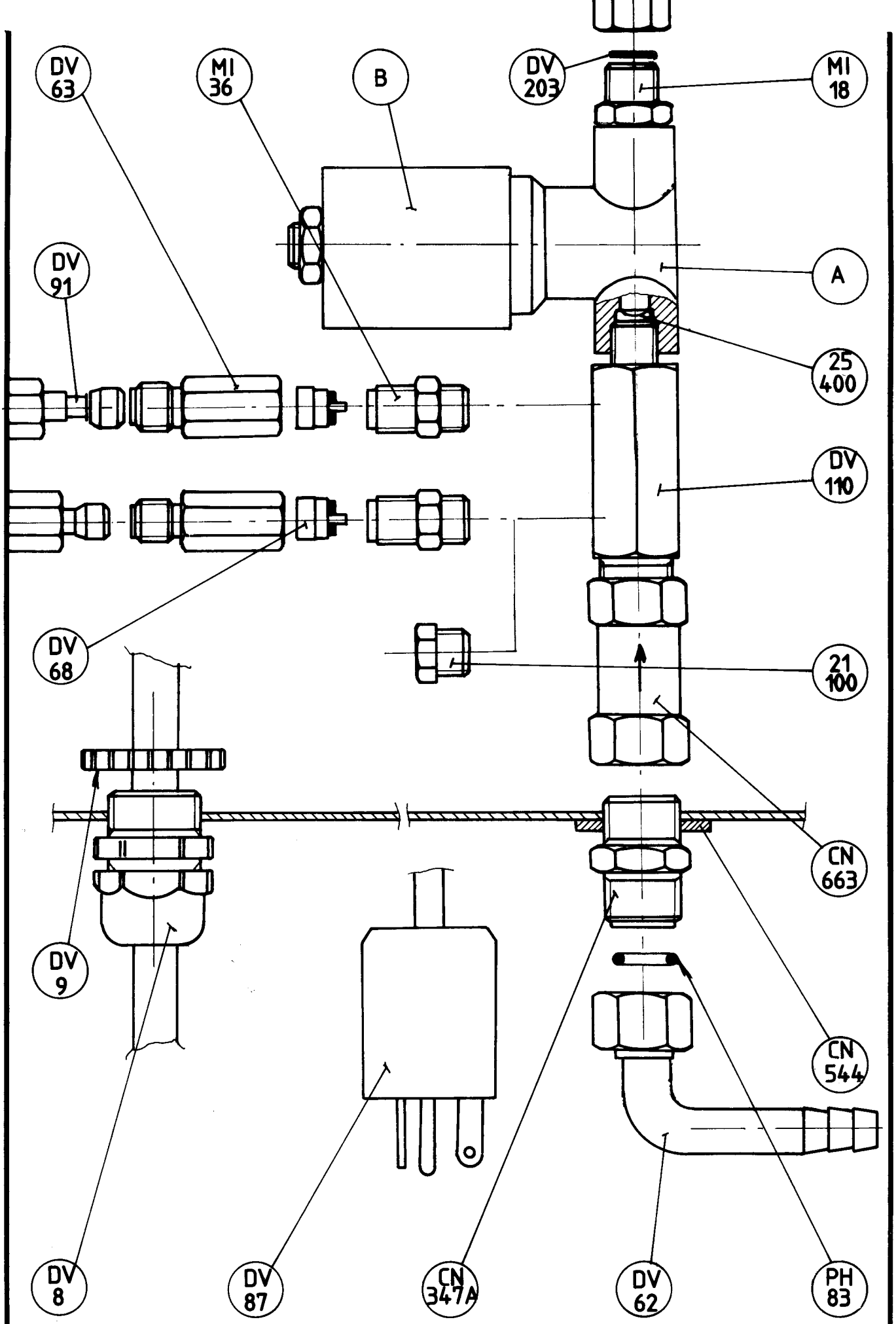
REP **Rep.**	**REF.** **Ref.**	**DESIGNATION** **Designation**	**QUANTITE** **Quantity**
A	DV6016	Tube cuivre valve vapeur Pipe - steam valve	1
B	DV6032	Tube sortie vapeur Pipe - steam outlet	1 (2)*
C	DV6039	Tube décompression Pipe - group discharge	2
D	DV6015	Tube manomètre BP Pipe - manometer LP	1
E	DV6023	Tube cuivre soupape HP Pipe - valve exhaust	2
F	DV62	Raccord coude 3/8 chrome Pipe - 3/8 elbow x Hose	1
G	DV6010	Tube d'alimentation 1er groupe Pipe - 1st unit filling	1
H	DV6024	Tube d'alimentation chaudière Pipe - boiler filling	1
I	DV6019	Tube pressostat sec Pipe pressurestat	1
J	DV6021*	Tube d'alimentation 2ème vapeur * Pipe - 2nd steam valve	1*
K	DV6033	Tube sortie eau Pipe - hot water outlet	1
L	DV6011	Tube d'alimentation 2ème groupe Pipe - 2nd unit filling	1
M	DV6020	Tube EV eau chaude Pipe - hot water EV	1
N	DV6500	Tube Rilsan Pipe	4

* En option


A
B
C
D
E
F
G
H
I
J
K
M
L
N

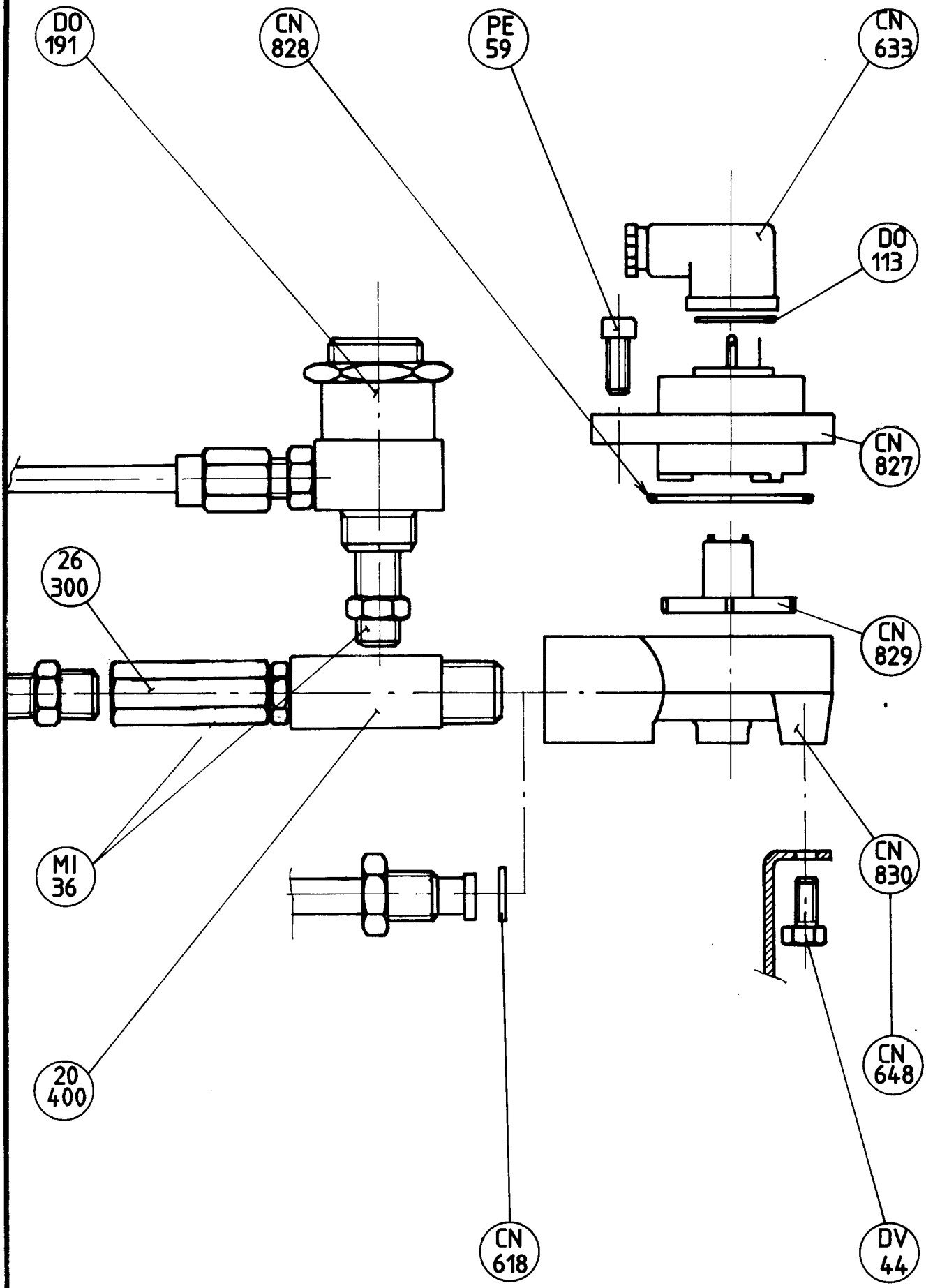
PLANCHE/PLATE : 430

A)	**ELECTROVANNE COMPLETE**	**WHOLE ELECTROVALVE**
CN-631	ELECTROVANNE 2V 220/50	WHOLE FLOW ADJ. EV 220/50
CN-631B	ELECTROVANNE 2V 220/60	WHOLE FLOW ADJ. EV 220/60
CN-631C	ELECTROVANNE 2V 110/60	WHOLE FLOW ADJ. EV 110/60
B)	**BOBINE D'ELECTROVANNE**	**ELECTROVALVE COIL**
CN-245B	BOBINE D'ELECTROVANNE 2V 220/50	ELECTROVALVE COIL 220/50
CN-245C	BOBINE D'ELECTROVANNE 2V 220/60	ELECTROVALVE COIL 220/60 208/50
MI-78	BOBINE EV 110/60 100/50	ELECTROVALVE COIL 110/60
21100	BOUCHON 1/8 M	PLUG 1/8M
25400	FILTRE PROTECTION EV 1/8	FILTER FOR EV 1/8
CN-347A	RACCORD D'ALIM. 3/8 - 3/8 MM	FITTING 3/8M x 3/8M
CN-544	RONDELLE ACIER ZN 17 x 28 x 2	WASHER
CN-663	CLAPET ANTI RETOUR COMPACT	VALVE-NON RETURN
DV-08	PRESSE ETOUPE UL COUL= NOIRE	STRAIN RELIEF
DV-09	CONTRE ECROU LAITON NICKELE	STRAIN RELIEF NUT
DV-110	RACCORD 3/8M x 1/8M x 1/8F	FITTING 1/8 - 1/8- 3/8
DV-203	JOINT PLAT CUIVRE 1/4 -D:2mm	JOINT BORED 2
DV-62	RACCORD COUDE 3/8 CHROME	PIPE- 3/8 ELBOW HOSE
DV-63	RACCORD ALIM POMPES VIBR.	GICLUER BODY - .PUMP
DV-68	REGULATEUR DE DEBIT 0,8l/min.	GICLUER 0,8 LPH PUMP
DV-87	FICHE ALIM UL CSA 20A 125V	STRAIGHT BLADE PLUG 20A 125V
DV-91	INSERT NICKELE DIAMETRE 4	SLEEVE
MI-18	RACCORD MM 1/4 - 1/8	FITTING MM 1/4 - 1/8
MI-36	RACCORD 1/8M 1/8M	FITTING MM 1/8-1/8
PH-83	JOINT TORIQUE 9,19 x 2,62 PTFE	PTFE GASKET 9,19 x 2,62


DV 63
MI 36
B
DV 203
MI 18
DV 91
A
25 400
DV 110
DV 68
21 100
CN 663
DV 9
CN 544
DV 8
DV 87
CN 347A
DV 62
PH 83

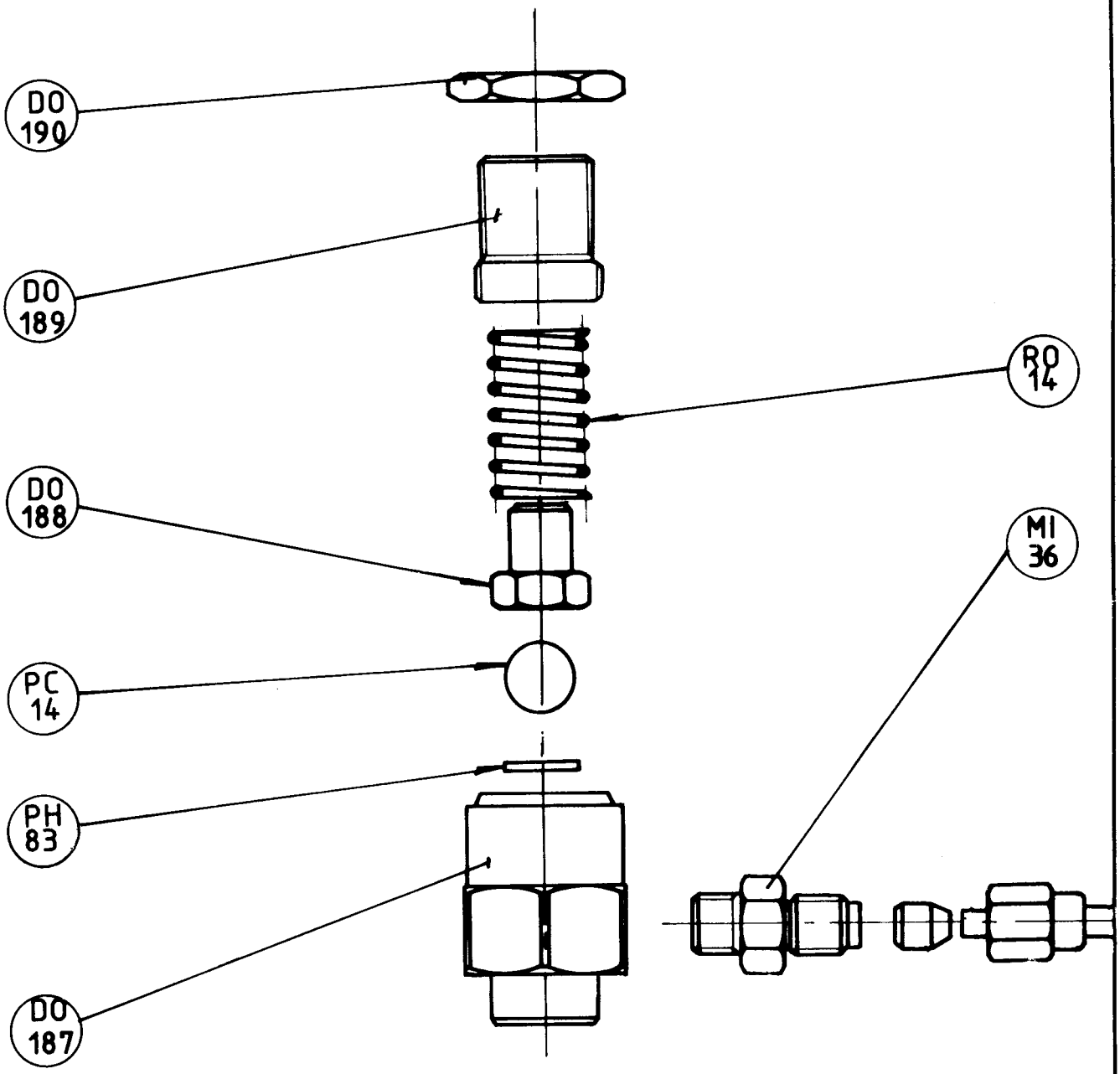
PLANCHE/PLATE : 440

20400	RACCORD 3 V. 1/8F-1/8F-1/4M	FITTING 3 WAYS
26300	CLAPET ANTI-RETOUR 1/8	VALVE - NON RETURN
CN-618	JOINT CUIVRE 11,4 x 6,2 x 1	WASHER-COPPER
CN-633	CONNECTEUR DE COMPT. VOLUM.	CONNECTOR
CN-648	COMPTEUR VOLUMETRIQUE	WHOLE WATER DOSING DEVICE
CN-827	COUVERCLE DOSEUR D'EAU LED R.	LID-WATER DOSER
CN-828	JOINT TORIQ DESSUS DOSEUR EAU	GASKET-WATER DOSER
CN-829	TURBINE DE COMPTEUR VOLUMETR.	TURBINE
CN-830	CORPS DU DOSEUR D'EAU	BODY - WATER DOSER
DO-113	JOINT CONNECTEUR DE VENTOLINE	CONNECTOR GASKET
DO-191	SOUPAPE H.P. COMPLETE N.M.	WHOLE HP VALVE
DV-44	VIS ACIER TH 4 X 10	SCREW M4 x 10
MI-36	RACCORD 1/8M 1/8M	FITTING 1/8M-1/8M
PE-59	VIS INOX TCHC 4 x 10	SCREW M4 X 10


DO 191
CN 828
PE 59
CN 633
DO 113
CN 827
26 300
CN 829
MI 36
CN 830
20 400
CN 648
CN 618
DV 44

PLANCHE/PLATE : 455

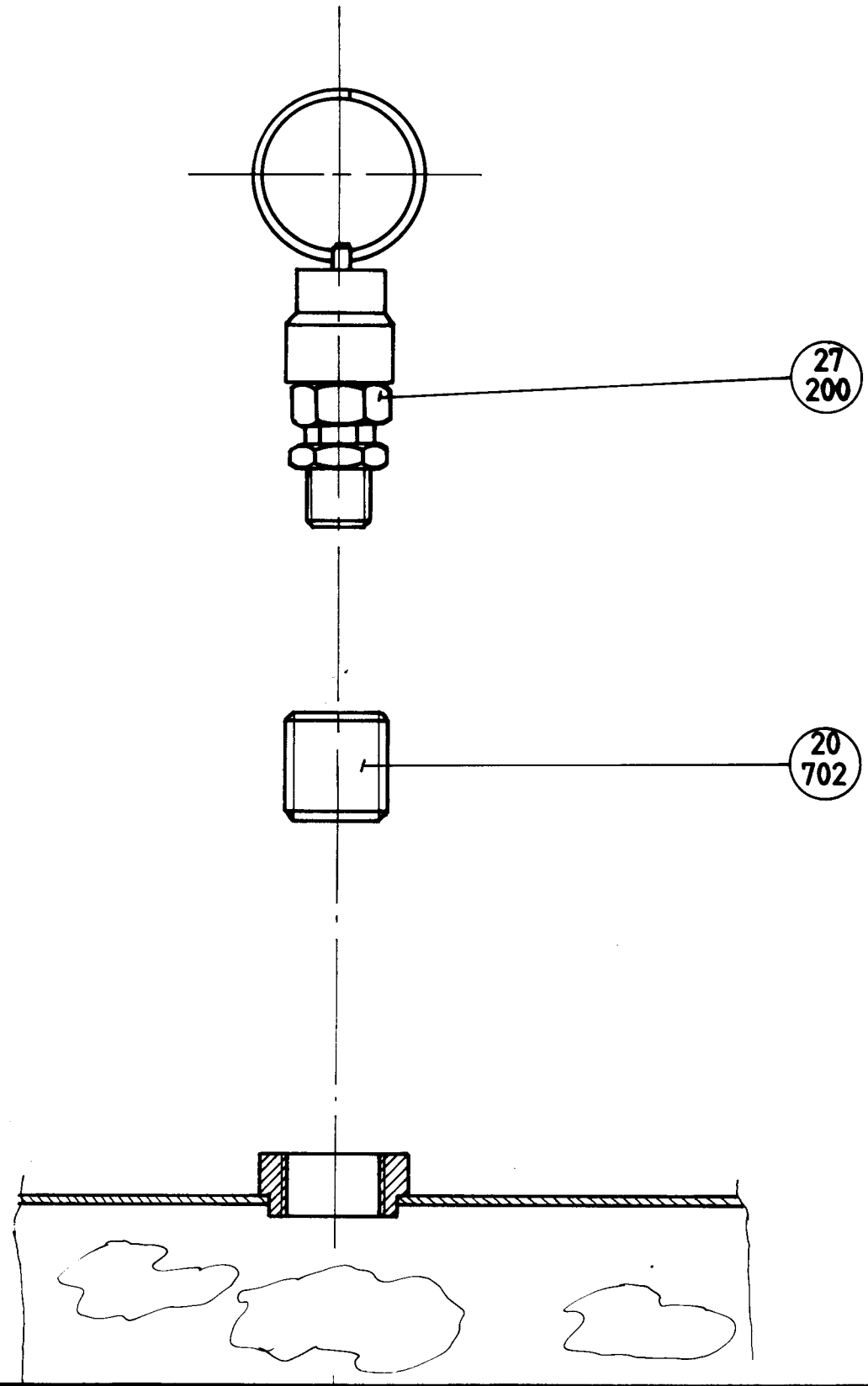
DO-187	CORPS DE SOUPAPE	VALVE BODY
DO-188	TIGE DE SOUPAPE	VALVE PISTON
DO-189	ECROU DE SOUPAPE	VALVE NUT
DO-190	CONTRE ECROU	NUT
DO-191	SOUPAPE H.P. COMPLETE N.M.	WHOLE HP VALVE
MI-36	RACCORD 1/8M 1/8M	FITTING 1/8-1/8
PC-14	BILLE INOX POLIE DE 11	STAINLESS STEEL BALL DIA 11
PH-83	JOINT TORIQUE 2,62X9,19 PTFE	PTFE GASKET 9,19 x 2,62
RO-14	RESSORT F20/10 L26,5 D13 P5	SPRING



SOUPAPE COMPLETE : DO-191
COMPLET VALVE : DO-191

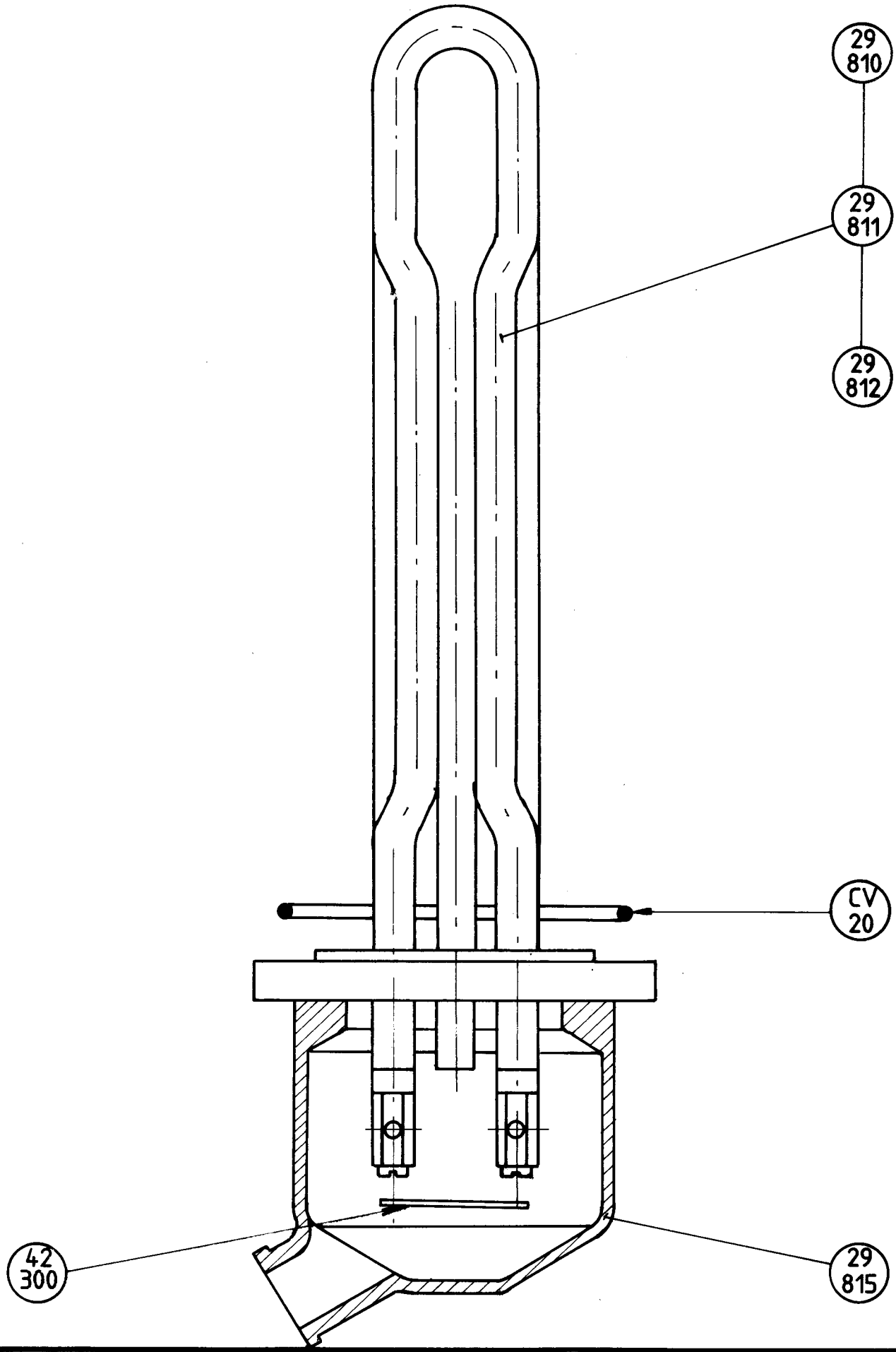
PLANCHE/PLATE : 470

20702	RACCORD 1/8F - 3/8M	FITTING 1/8F - 3/8M
27200	SOUPAPE VAPEUR 3,5 BARS	VALVE LP


27
200
20
702

PLANCHE/PLATE : 480

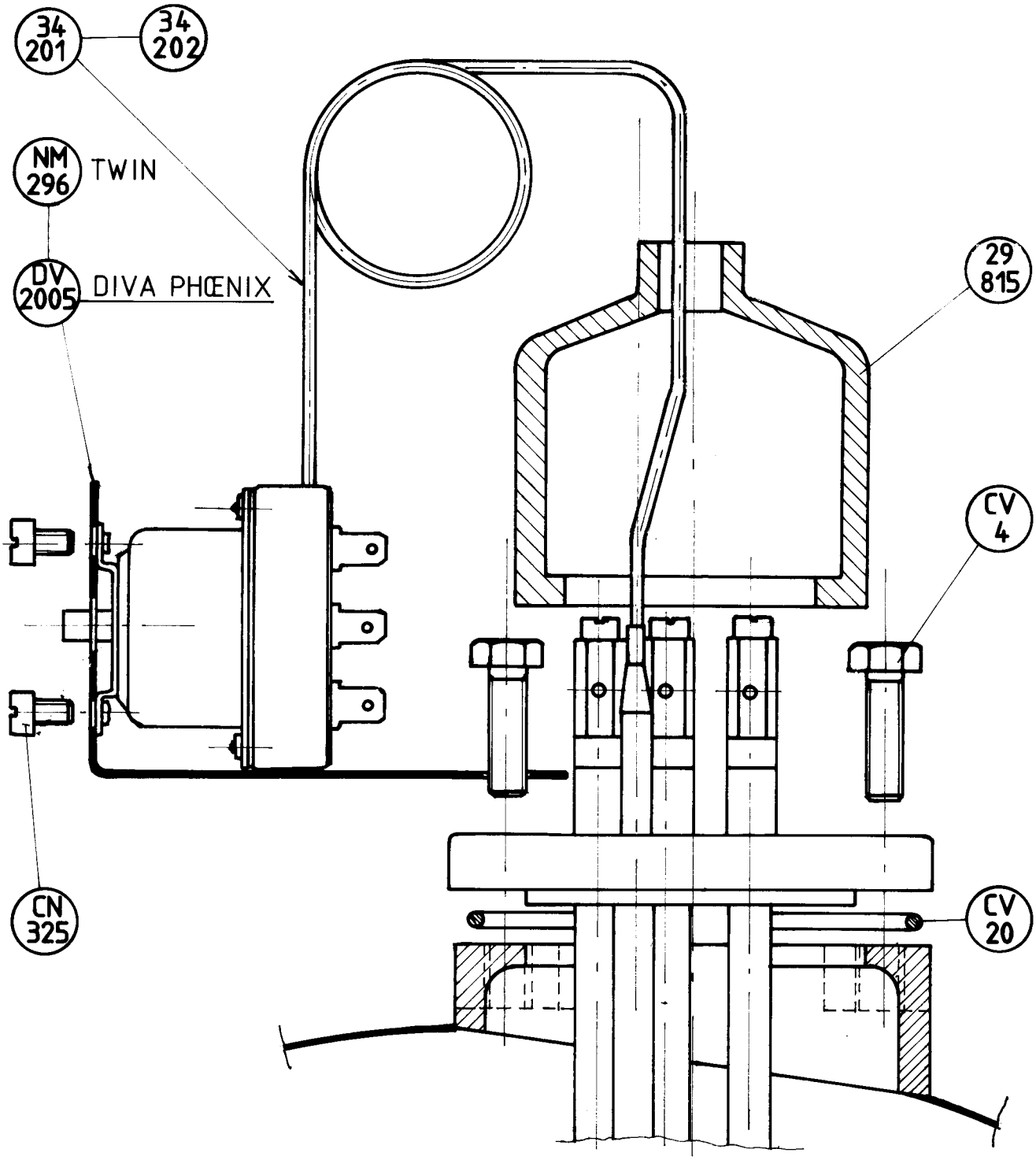
29810	ELEMENT CHAUFFANT 110V-1500W	HEATING ELEMENT 110V-1500W
29811	ELEMENT CHAUFFANT 230V 2730W	HEATING ELEMENT 230V-2730W
29812	ELEMENT CHAUFFANT 230V-4370W	HEATING ELEMENT 230V-4370W
29815	PROTECTION CACHE RESISTANCE	INSULATOR BOOT
42300	CAVALIER DIA 4,5 X 13,8 X0,6	BRIDGE
CV-20	JOINT TORIQUE 3,53X66,68 FKM	GASKET 3,53 X 66,68 FKM



12-96	ELEMENT CHAUFFANT HEATING ELEMENT	UNIC	480

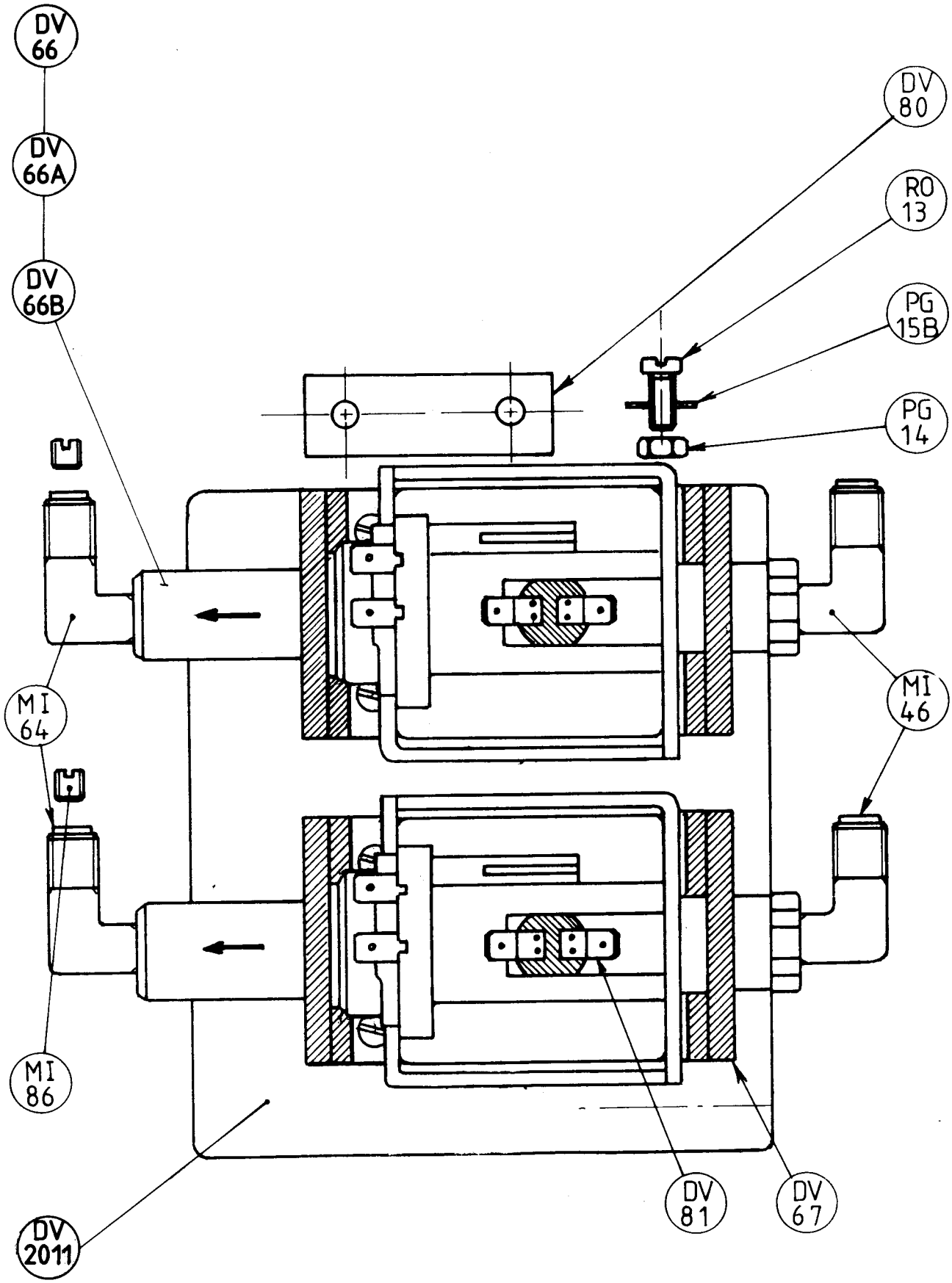
PLANCHE/PLATE : 485

29815	CACHE RESISTANCE	INSULATOR BOOT
34201	THERMOSTAT SECURITE 160C TRI	THERMOSTAT 160C TRI
34202	THERMOSTAT SECURITE 160C UL	THERMOSTAT 160C UL
CN-325	VIS INOX TC 4 x 6	SCREW M4 X 6
CV-20	JOINT TORIQUE 3,53X66,68 FKM	GASKET - 66.68 x 3.53
CV-4	VIS ACIER ZN TH 8 x 25	SCREW M8 X 25
NM-296	SUPPORT THERMOSTAT	THERMOSTAT HOLDER
DV2005	TOLE SUPPORT THERMOSTAT	SUPPORT SAFETY THERMOSTAT


34 201
34 202
NM 296
TWIN
DV 2005
DIVA PHŒNIX
29 815
CV 4
CN 325
CV 20

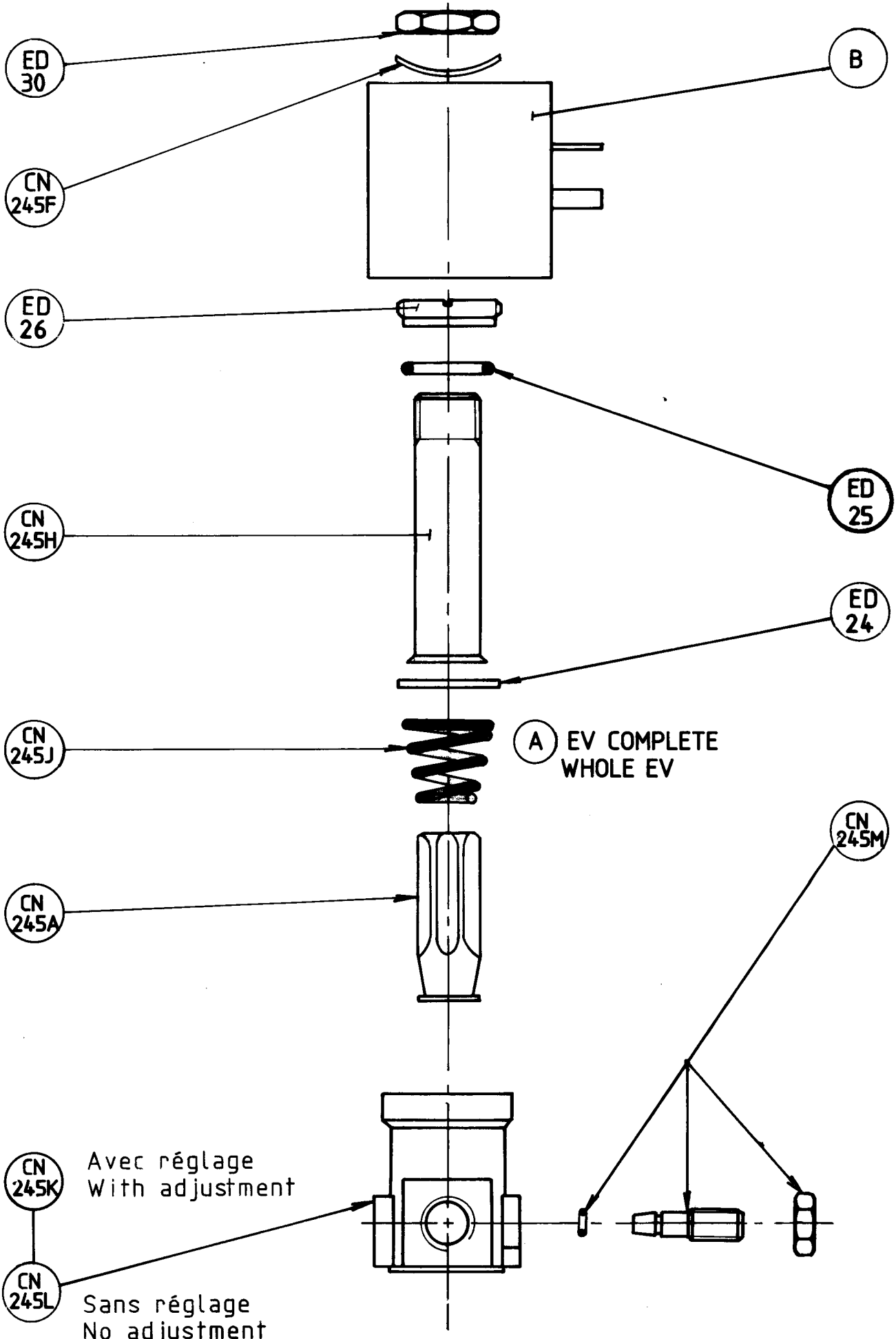
PLANCHE/PLATE : 510

DV-66	POMPE VIBRANTE 110V 60HZ	PUMP-OSCILLATING-110V-60Hz
DV-66A	POMPE VIBRANTE 220V 50HZ	PUMP-OSCILLATING-220V-50Hz
DV-66B	POMPE VIBRANTE 220V 60HZ	PUMP-OSCILLATING-220V-60Hz
DV-67	SUPPORT CAOUTCHOUC POMPE VIBR	MOUNTING BUFFER-PUMP
DV-80	PLAQUETTE PINCEMENT SUP POMPE	MOUNTING BRACKET - PUMP
DV-81	SECURITE THERMIQUE	THERMOSTAT-SAFETY-PUMP
DV2011	SUPPORT POMPE VERTICALE	PUMP MOTOR HOLDER
MI-46	RACCORD COUDE 1/8	FITTING 1/8 L
MI-64	RACCORD COUDE LAITON MM 1/8	FITTING 1/8 L -TAPPED
MI-86	GICLEUR M5 DIAM.0,7	GICLUER DIAM. 0,7
PG-14	ECROU ACIER NICKLE Hu DE 4	NUT M4
PG-15B	RONDELLE INOX MOYENNE DIAM 4	WASHER
RO-13	VIS INOX TC 4 x 10	SCREW M4 X 10


DV 66
DV 66A
DV 66B
DV 80
RO 13
PG 15B
PG 14
MI 64
MI 46
MI 86
DV 2011
DV 81
DV 67

PLANCHE/PLATE : 520

A)	**ELECTROVANNE COMPLETE**	**WHOLE ELECTROVALVE**
CN-245	ELECTROVANNE 2V 220/50	WHOLE FLOW EV 220/50
CN-245D	ELECTROVANNE 2V 220/60	WHOLE FLOW EV 220/60
CN-245G	ELECTROVANNE 2V 110/60	WHOLE FLOW EV 110/60
CN-631	ELECTROVANNE 2V 220/50	WHOLE FLOW ADJ. EV 220/50
CN-631B	ELECTROVANNE 2V 220/60	WHOLE FLOW ADJ. EV 220/60
CN-631C	ELECTROVANNE 2V 110/60	WHOLE FLOW ADJ. EV 110/60
B)	**BOBINE D'ELECTROVANNE**	**ELECTROVALVE COIL**
CN-245B	BOBINE D'ELECTROVANNE 2V 220/50	ELECTROVALVE COIL 220/50
CN-245C	BOBINE D'ELECTROVANNE 2V 220/60	ELECTROVALVE COIL 220/60 208/50
MI-78	BOBINE D'ELECTROVANNE 2V 110/60	ELECTROVALVE COIL 110/60
CN-245A	CLAPET POUR ELECTROVANNE	SOLENOID PISTON
CN-245F	RONDELLE BLOCAGHE BOBINE VANNE	WASHER
CN-245H	CORPS DEPHASEUR	PLUNGER
CN-245J	RESSORT ELECTROVANNE	SPRING
CN-245K	CORPS ELECTROVANNE REGLABLE	ELECTROVALVE BODY ADJUSTABLE
CN-245L	CORPS ELECTROVANNE NON REGLA	ELECTR BODY WITHOUT ADJUSTABLE
CN-245M	ENSEMBLE VIS DE REGLAGE	SCREW KIT
CN-245W	ELECTROV COMPLETE SANS BOBINE	WHOLE ELECTROV WITHOUT COIL
CN-631W	ELECTROV COMPLETE SANS BOBINE	WHOLE ELECTROV WITHOUT COIL
ED-24	RONDELLE RESSORT POUR VANNE	SPRING WASHER
ED-25	JOINT TORIQUE POUR E.V.	GASKET
ED-26	ECROU DE SERRAGE POUR VANNE	NUT
ED-30	ECROU SERRAGE BOBINE	SOLENOID NUT


ED 30
B
CN 245F
ED 26
ED 25
CN 245H
ED 24
CN 245J
A EV COMPLETE
WHOLE EV
CN 245M
CN 245A
CN 245K
Avec réglage
With adjustment
CN 245L
Sans réglage
No adjustment

PLANCHE/PLATE : 530

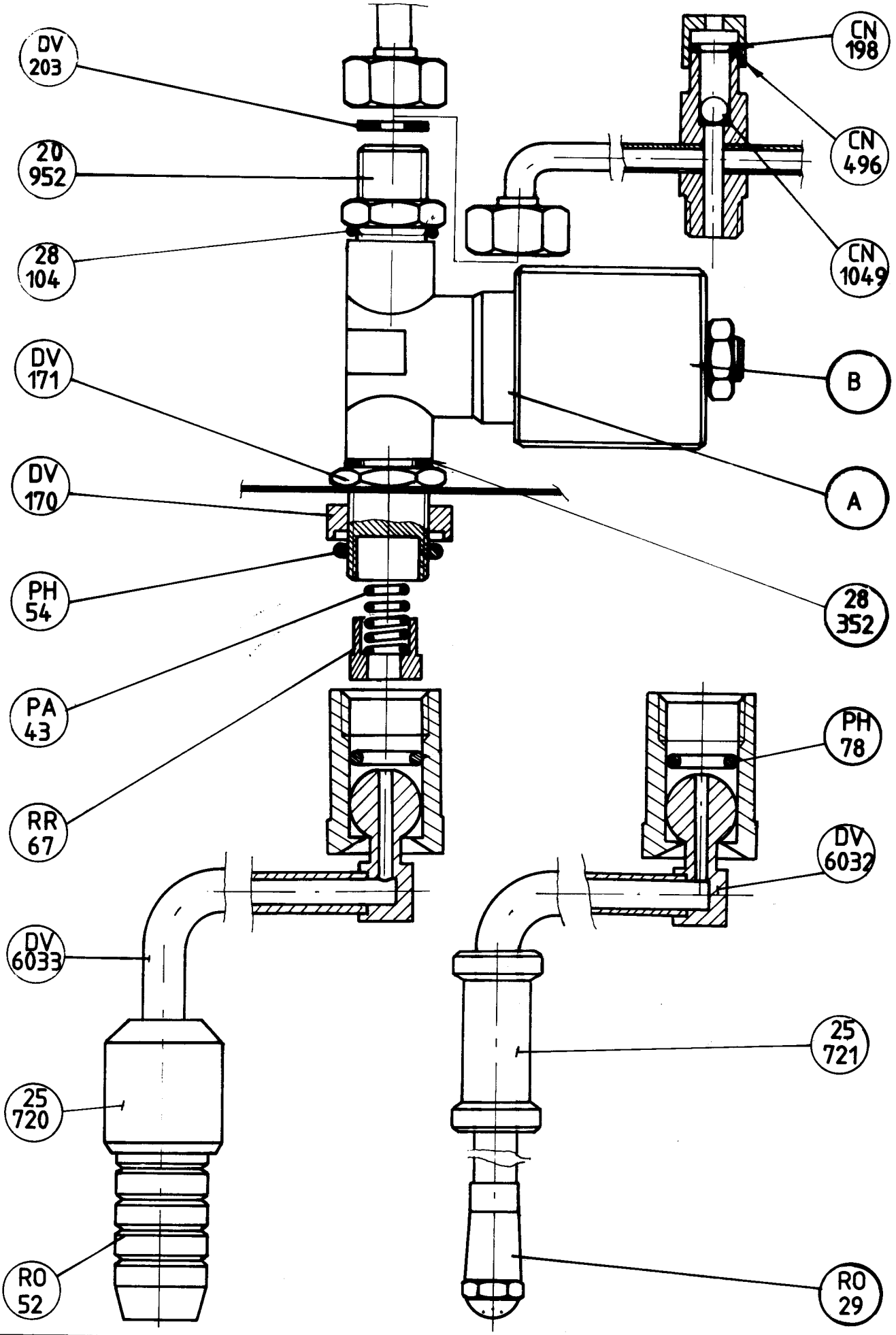
A) ELECTROVANNE COMPLETE / WHOLE ELECTROVALVE

CN-245	ELECTROVANNE 2V 220V 50HZ	ELECTROVALVE 2W 220V-50HZ
CN-245D	ELECTROVANNE 2V 220-60/208-50	ELECTROVALVE 2W 220-60/208-50
CN-245G	ELECTROV.2V 110V60Hz/100V50Hz	ELECTROVALVE 11OV.60HZ

B) BOBINE D'ELECTROVANNE / ELECTROVALVE COIL

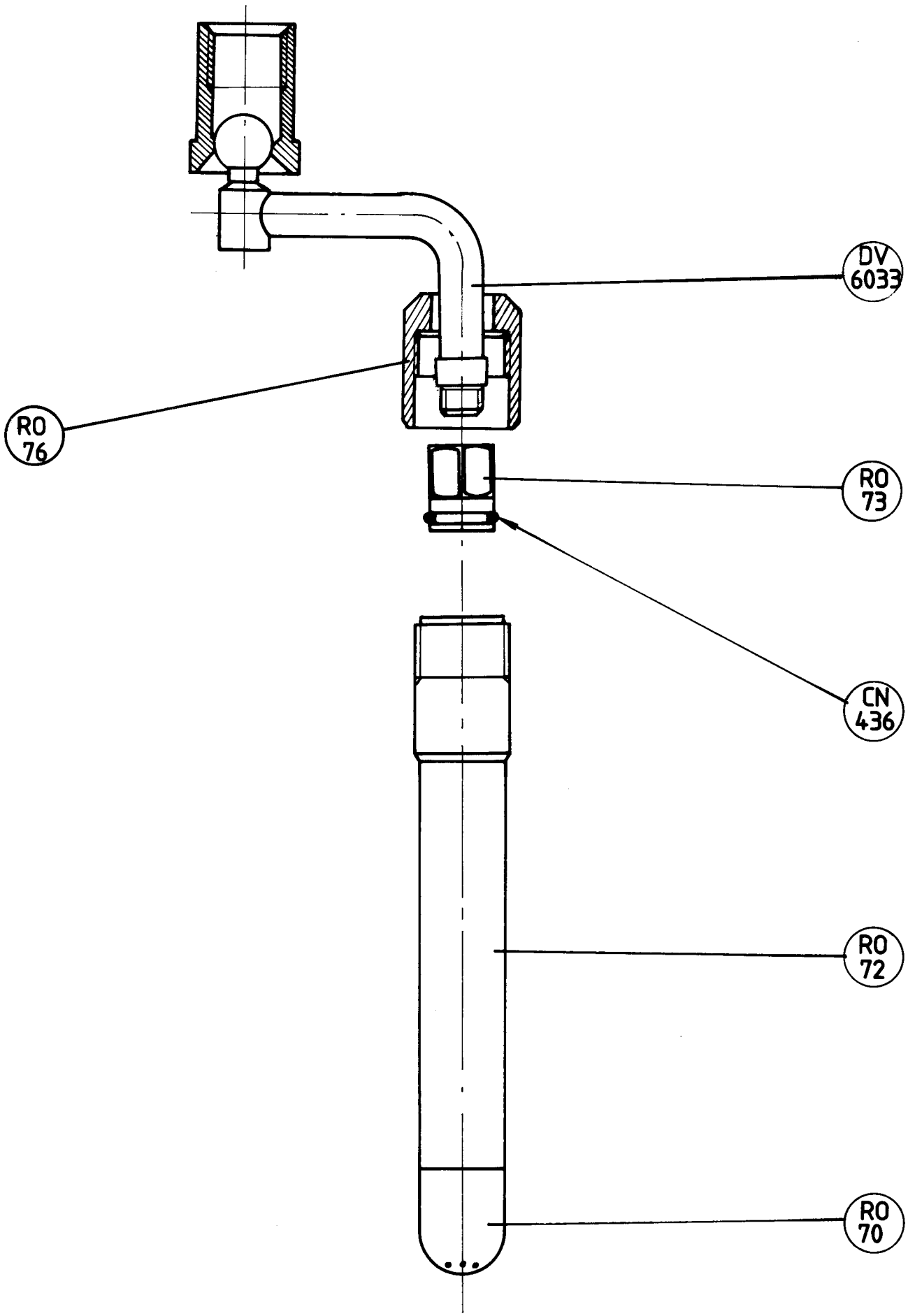
CN-245B	BOBINE ELECTROV. 2V 220V50HZ	ELECTROVALVE COIL 220V-50HZ
CN-245C	BOBINE EV 2V 220-60/208-50	EV COIL 2W 220-60/208-50
MI-78	BOBINE EV.110V 60HZ/100V 50HZ	SOLENOID COIL - 1 WAY 110V60H

20952	RACCORD 1/4 MALE	FITTING 1/4 M
25720	ISOLANT SORTIE EAU CHAUDE	HOT WATER INSULATOR
25721	ISOLANT POUR TUBE D8	STEAM PIPE INSULATOR
28104	JOINT TORIQUE 2X9,5 FKM 80SH	GASKET 2X9,5
28352	JOINT PLAT 20X12X2 EPDM 70SH	GASKET 20X12X2
CN-198	JOINT TORIQUE 1,78X6,07 FKM	GASKET - 6.07 x 1.78
CN-496	BOUCHON DE VALVE	VALVE CAP - LOW PRESS.
CN-1049	BILLE INOX DIAMETRE 8mm	STAINLESS STEEL BALL _ 8mm
DV-170	ECROU CHROME DE SORTIE VAPEUR	NUT 3/8
DV-171	RACCORD POUR SORTIE VAPEUR	FITTING 3/8
DV-203	JOINT PLAT CUIVRE 1/4 D:2mm	WASHER 1/4 D:2
DV6032	TUBE CHROME SORTIE VAPEUR	STEAM OUTLET PIPE
DV6033	TUBE CHROME SORTIE EAU CHAUDE	HOT WATER OUTLET PIPE
PA-43	RESSORT F15/10 L14,5 D10,5 P3	SPRING
PH-54	JOINT TORIQUE 2,62X13,95 EPDM	GASKET - 13.95 x 2.62
PH-78	JOINT TORIQUE 2,62X9,13 EPDM	GASKET - 9,13 X 2,62
RO-29	BRISE JET VAPEUR CHROME	STEAM SPOUT
RO-52	EMBOUT SORTIE EAU CHAUDE CHR.	WATER SPOUT
RR-67	EMBOUT LAITON	BRASS END


DV 203
20 952
28 104
DV 171
DV 170
PH 54
PA 43
RR 67
DV 6033
25 720
RO 52
CN 198
CN 496
CN 1049
B
A
28 352
PH 78
DV 6032
25 721
RO 29

PLANCHE/PLATE : 540

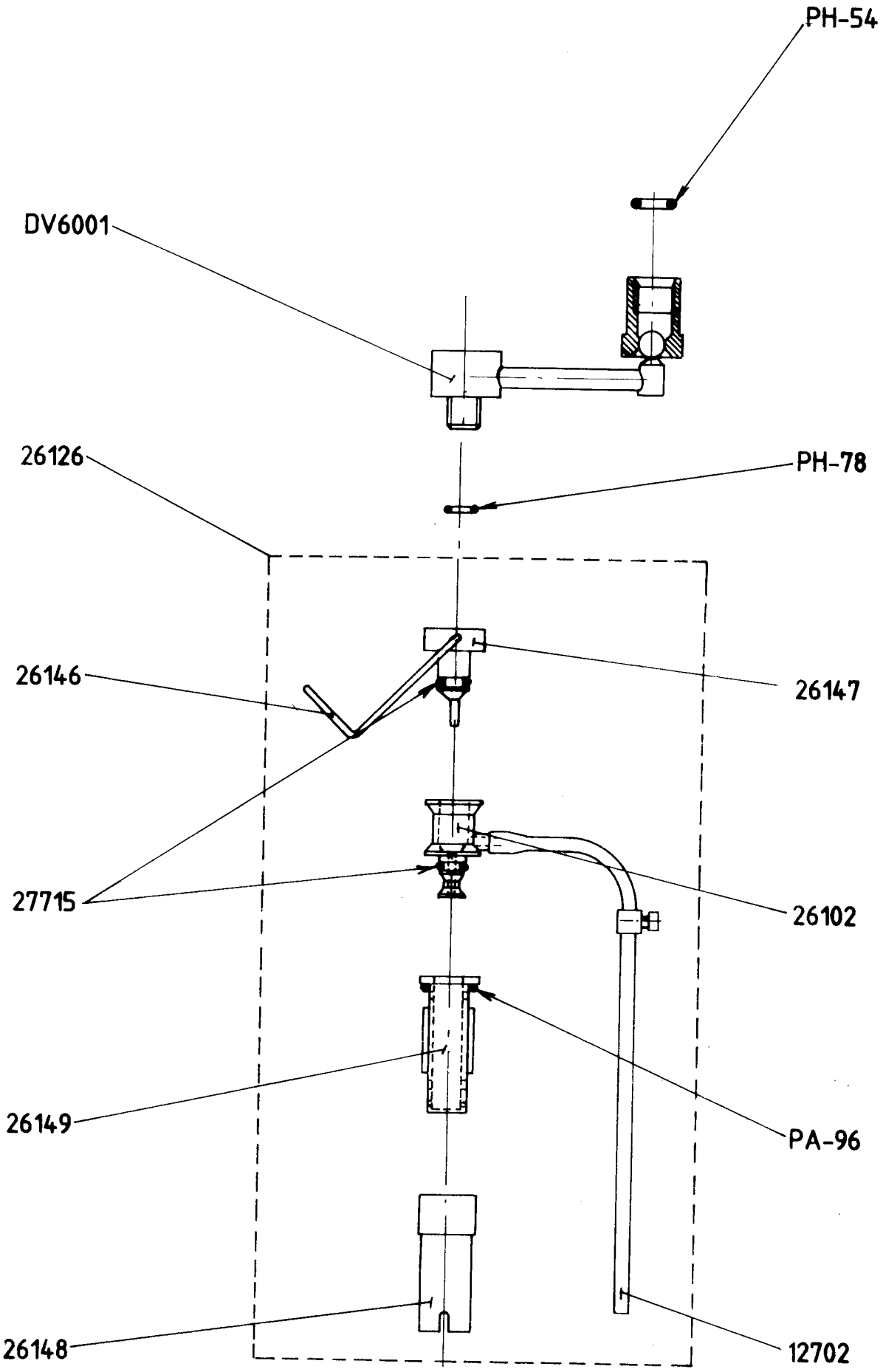
CN-436	JOINT TORIQUE 1,78X8,73 EPDM	GASKET 8,73 X 1,78
DV6033	TUBE CHROME SORTIE EAU CHAUDE	WATER WAND-COMPACT
RO-69	SORTIE VAPEUR TEFLON	TEFLON STEAM SPOUT
RO-70	EMBOUT VAPEUR TEFLON 6 TROUS	LOW TEFLON PIPE
RO-72	TUBE TEFLON	PIPE TEFLON
RO-73	RACCORD SORTIE VAPEUR	FITTING STEAM OUTLET
RO-76	BAGUE SORTIE VAPEUR	FITTING PLASTIC



94-09	SORTIE VAPEUR TEFLON TEFLON STEAM SPOUT RO-69		540

PLANCHE/PLATE : 550

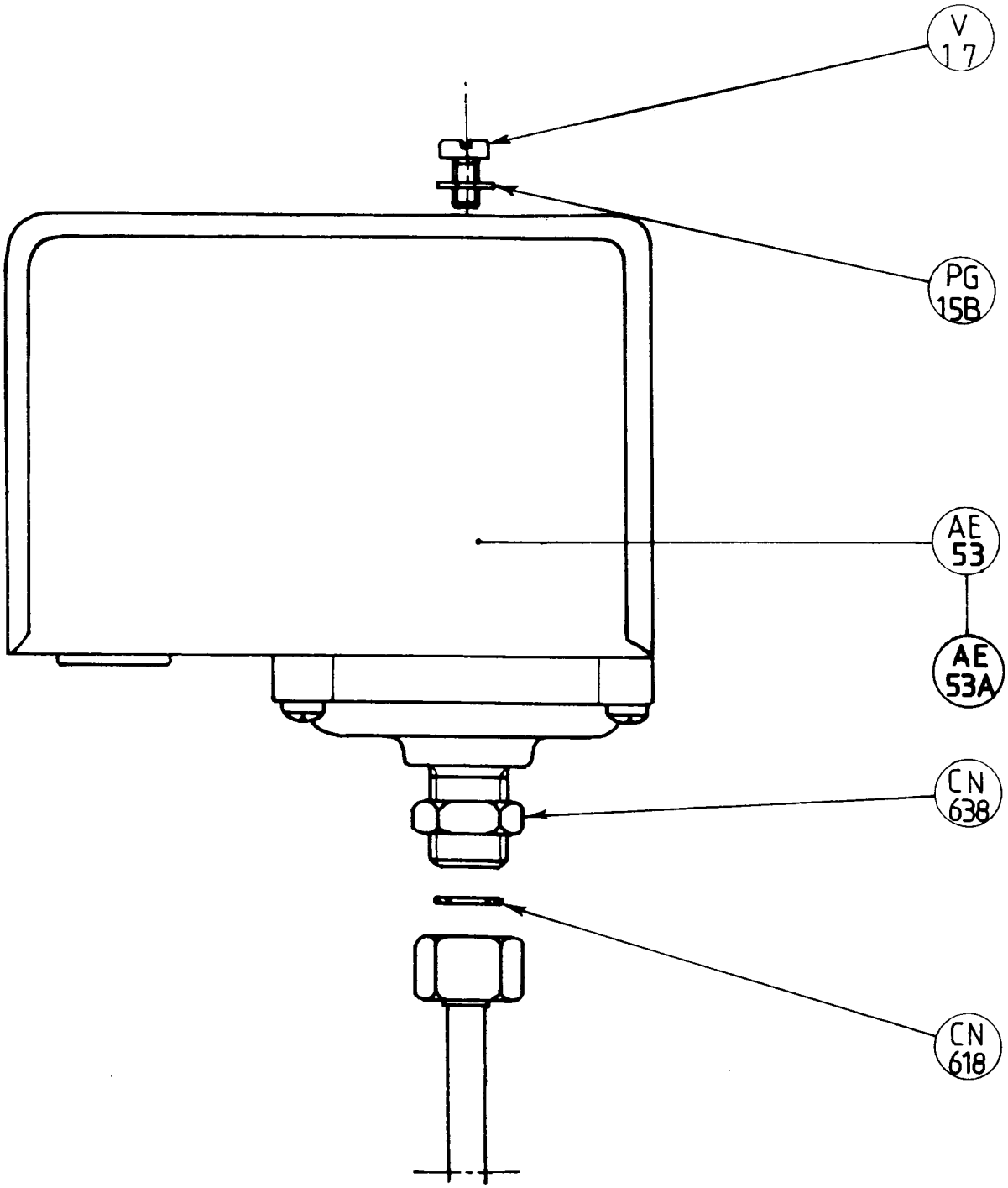
12702	TUBE SILICONE CAPPUCCINATORE	PIPE-SILICONE
26102	MELANGEUR CAPPUCCINATORE	CAPPUCCINATORE MIXING TUBE
26126	CAPPUCCINATEUR COMPLET	WHOLE CAPPUCCINATORE
26146	RESSORT DE FIXATION	SPRING
26147	BUSE VAPEUR	STEAM NOZZLE
26148	BRISE JET	ANTI-SPLASH PLUG
26149	MOUSSEUR	FROTHER
27715	JOINT TORIQUE 1,78X8,73 SILIC	GASKET 1,78 X 8,73
DV1010	KIT CAPPUCCINATORE COMPLET	WHOLE CAPPUCCINATORE KIT
DV6001	TUBE SORTIE CAPPUCCINATORE	PIPE CAPPUCCINATOR
PA-96	JOINT TORIQUE 1,78X12,42 EPDM	GASKET 1,78 X 12,42
PH-54	JOINT TORIQUE 2,62X13,95 EPDM	GASKET 13.95 X 2.62
PH-78	JOINT TORIQUE 2,62X9,13 EPDM	GASKET 2,62 X 9,13



CAPPUCCINATORE COMPLET : DV1010

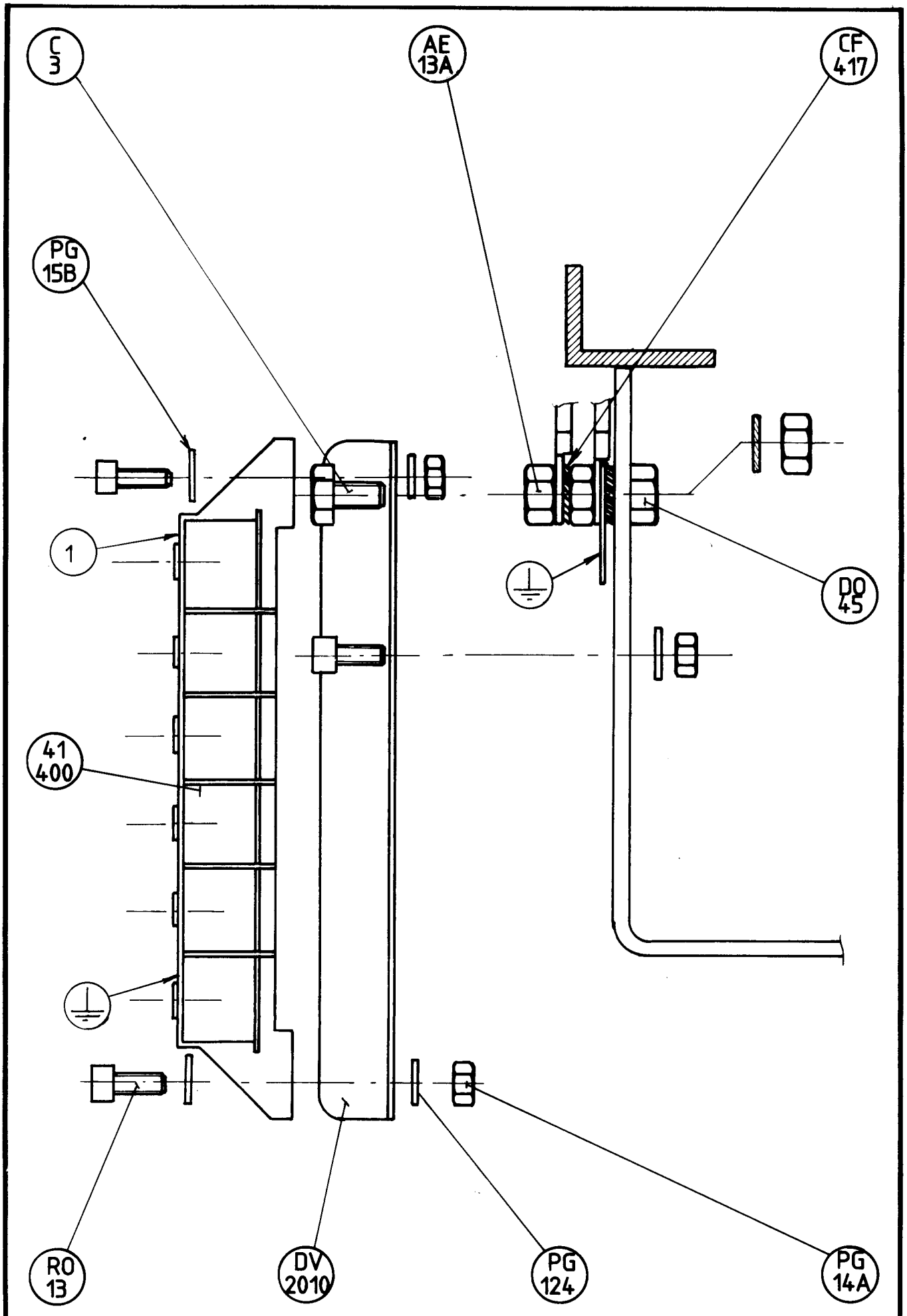
PLANCHE/PLATE : 560

AE-53	PRESSOSTAT A CONTACT SEC	PRESSURESTAT
AE-53A	PRESSOSTAT HOMOLOGUE UL	PRESSURESTAT UL
CN-618	JOINT CUIVRE 11,4 x 6,2 x 1	WASHER COPPER 1/4
CN-638	ECROU DE RESISTANCE CT	NUT 1/4
PG-15B	RONDELLE INOX MOYENNE DIAM 4	WASHER
V-17	VIS INOX TC 4 x 8	SCREW M4 X 8


V
17
PG
15B
AE
53
AE
53A
CN
638
CN
618

PLANCHE/PLATE : 570

41400	BORNIER 6 PLOTS - SANS SHUNT	TERMINAL BOARD
AE-13A	ECROU INOX Hu 6-100	NUT
C-3	VIS INOX TH 6 x 10	SCREW M6 X 10
CF-417	RONDELLE EVENTAIL DE 6	WASHER
DO-45	VIS ACIER ZN TH 6 X 8	SCREW M6 X 8
DV2010	TOLE SUPPORT BORNIER	TERMINAL BOARD HOLDER
PG-14A	ECROU INOX DE 4	NUT
PG-15B	RONDELLE INOX 4	WASHER
PG-124	RONDELLE EVANTAIL DE 4	WASHER
RO-13	VIS INOX TC 4 x 10	SCREW M4 X 10


C 3
AE 13A
CF 417
PG 15B
1
DO 45
41 400
RO 13
DV 2010
PG 124
PG 14A

PLANCHE/PLATE : 580

CF-335A	VIS INOX STHC 8 X 25	SCREW M8 X 24
NM-002	PIED CAOUTCHOUC NOIR	FOOT
NM-003	PATIN CAOUTCHOUC POUR PIED	BASE
NM-176	PIED ALU POUR MACHINE NSF	FOOT FOR NSF MACHINE

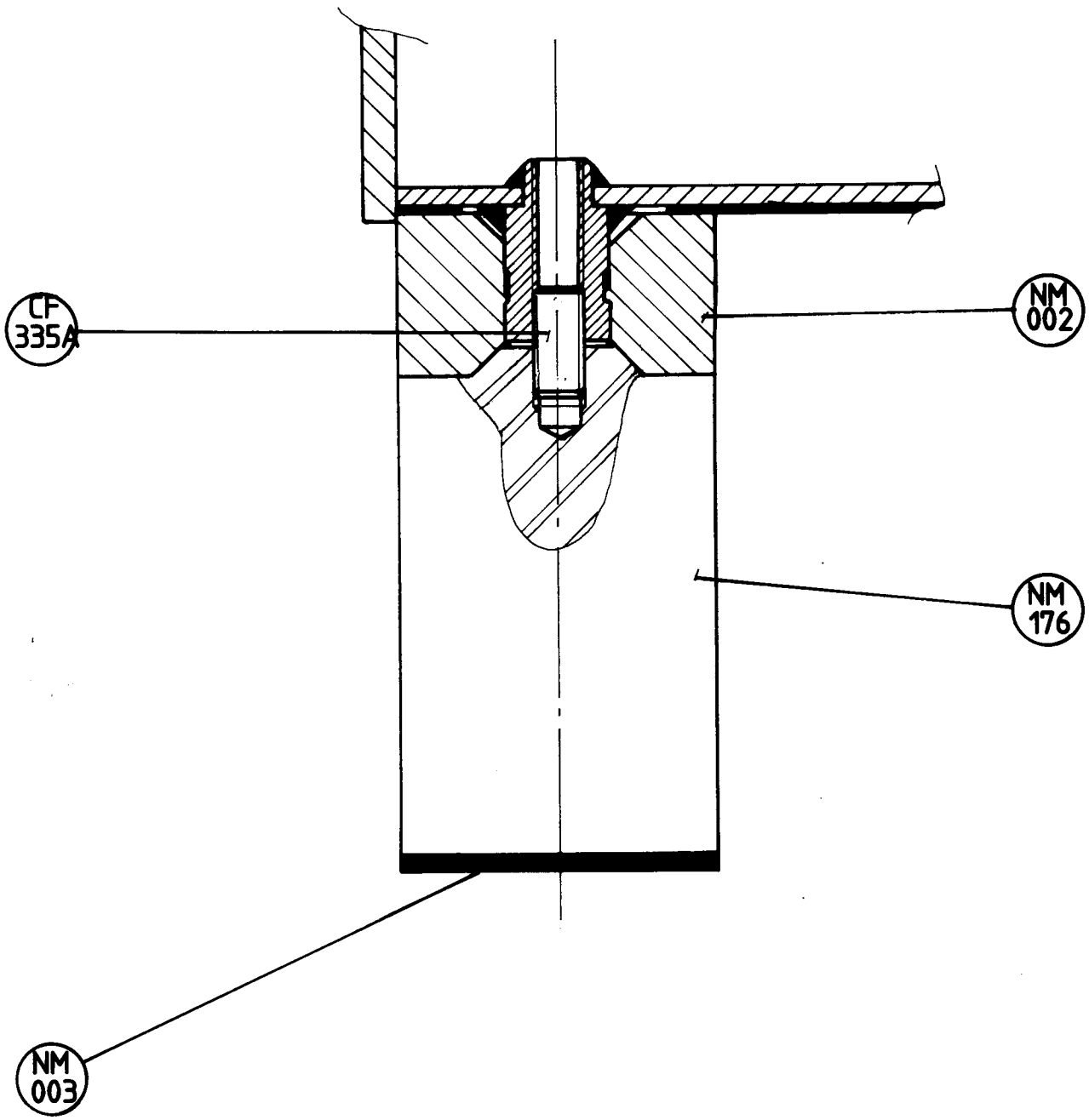
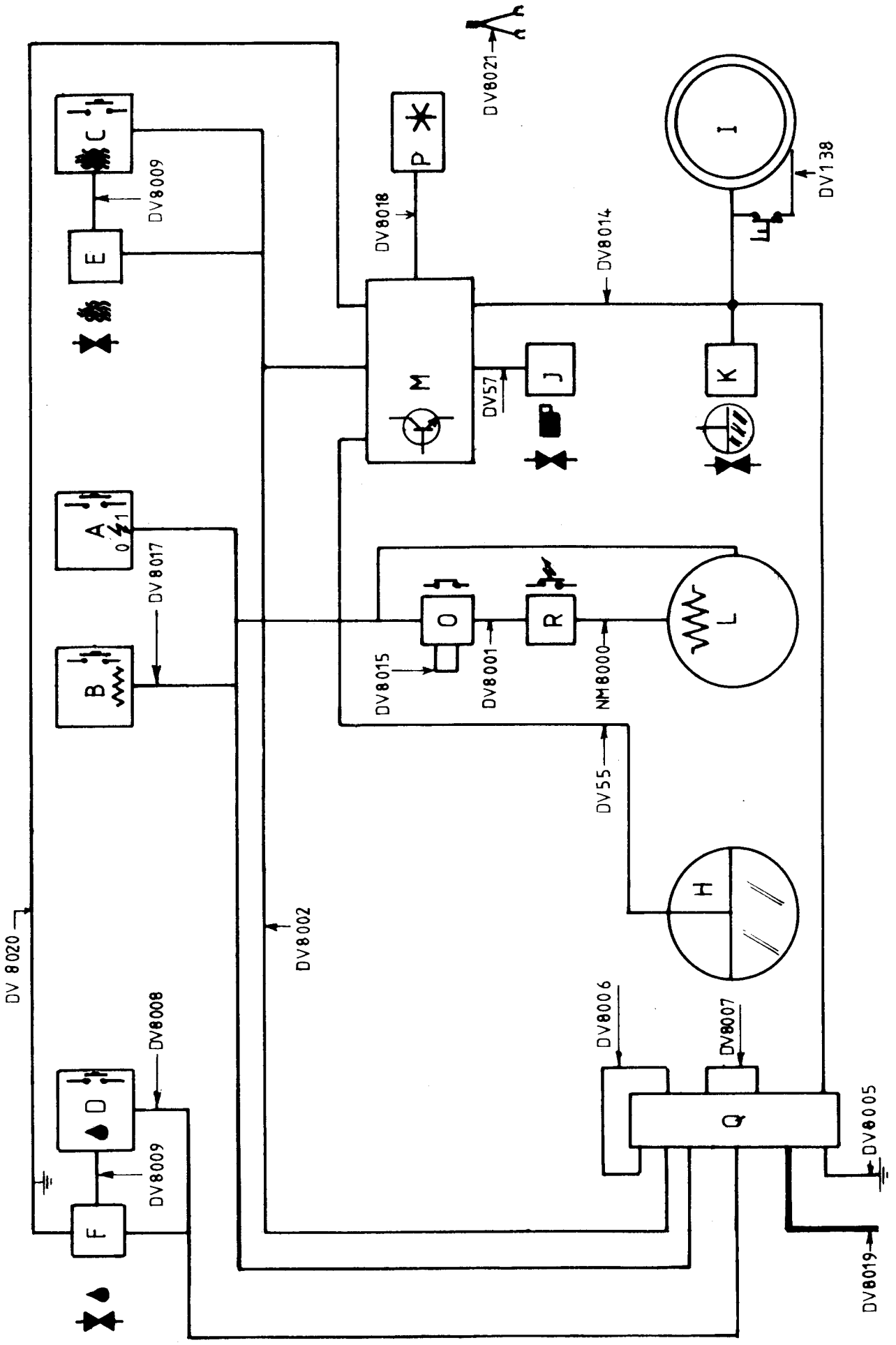

CF
335A
NM
002
NM
176
NM
003

PLANCHE / PLATE **670**

PHOENIX

DV-55	FIL DE SONDE NIV.	PROBE WIRE
DV-57	CABLE DU GROUPE CAFE	COFFEE UNIT CABLE
DV-138	FIL ALIMENTATION POMPE	PUMP FEEDING WIRE
DV8001	CABLE THERMOSTAT RESISTANCE	HEATING ELEMENT THERMOSTAT CABLE
DV8002	CABLE D'ALIMENTATION DIVA	DIVA FEEDING CABLE
DV8005	FIL DE TERRE	EARTH WIRE
DV8006	FIL D'INTERCONNEXION NEUTRE	BRIDGE
DV8007	FIL D'INTERCONNEXION NEUTRE	BRIDGE
DV8008	CABLE BOUTON POUSSOIR EAU VAPEUR	WATER STEAM SWITCH CABLE
DV8009	CABLE POUR COM. EAU VAPEUR	WATER STEAM CABLE
DV8014	CABLE EVR + POMPE	FILLER EV AND PUMP CABLE
DV8015	PONT PRESSOSTAT	PRESSURESTAT BRIDGE
DV8017	CABLE RESISTANCE PRESSOSTAT	PRESSURESTAT HEATING EL. CABLE
DV8018	CABLE DOSEUR	DOSER CABLE
DV8019	CABLE D'ALIMENTATION GENERALE	GENERAL FEEDING CABLE
DV8020	CABLE FASTON FEMELLE/FEMELLE	FEMALE/FEMALE FASTON CABLE
DV8021	DERIVATION FEMELLE/FEMELLE	FEMALE/FEMALE DERIVATION
NM8000	CABLE THERMOSTAT RESISTANCE	HEATING EL. THERMOSTAT CABLE

A: Bouton-poussoir marche-arrêt / on-off switch
B: Bouton-poussoir chauffage / heating switch
C: Bouton-poussoir vapeur / steam switch
D: Bouton-poussoir eau chaude / hot water switch
E: Electrovanne vapeur / steam electrovalve
F: Electrovanne eau chaude / hot water electrovalve
H: Sondes / probes
I: Pompe / pump
J: Electrovanne café / coffee electrovalve
K: Electrovanne remplissage / filling electrovalve
L: Résistances de chauffage / heating elements
M: Boite électronique / electronic box
O: Pressostat / pressurestat
P: Doseur d'eau
Q: Bornier / plug
R: Thermostat de sécurité résistance / Thermostat


DV8021
P
DV8018
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DV138
DV8014
C
DV8009
E
M
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DV57
K
A
DV8017
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R
L
DV8015
DV8001
NM8000
DV55
H
DV8002
DV 8020
DV8006
DV8007
DV8008
D
DV8009
F
Q
DV8005
DV8019

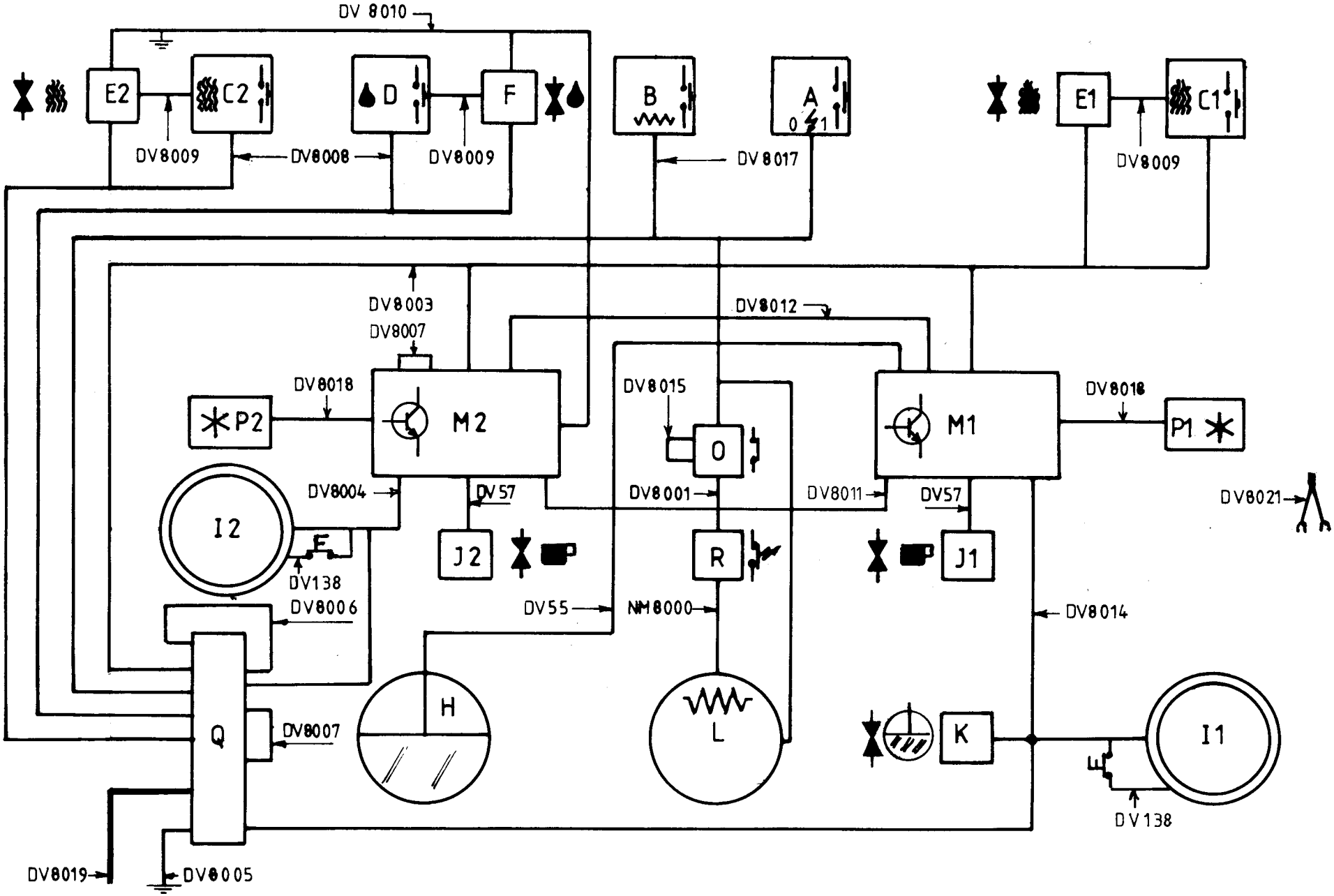
PLANCHE / PLATE **680**

TWIN PHOENIX

DV-55	FIL DE SONDE NIV	PROBE WIRE
DV-57	CABLE DU GROUPE CAFE	COFFEE UNIT CABLE
DV-138	FIL ALIMENTATION POMPE	PUMP FEEDING WIRE
DV8001	CABLE THERMOSTAT RESISTANCE	HEATING ELEMENT THERMOSTAT CABLE
DV8003	CABLE D'ALIMENTATION BOITIER	ELECTRONIC BOX FEEDING CABLE
DV8004	CABLE COM. 2° POMPE TWIN PHOENIX	TWIN PHOENIX 2° PUMP CABLE
DV8005	FIL DE TERRE	EARTH WIRE
DV8006	FIL D'INTERCONNEXION NEUTRE	BRIDGE
DV8007	FIL D'INTERCONNEXION NEUTRE	BRIDGE
DV8008	CABLE BOUTON POUSSOIR EAU VAPEUR	WATER STEAM SWITCH CABLE
DV8009	CABLE POUR COM. EAU VAPEUR	WATER STEAM CABLE
DV8010	FIL DE TERRE EV VAPEUR EAU	STEAM WATER EV EARTH WIRE
DV8012	CABLE TRANSMISSION DONNEES	DATA TRANSMITTING CABLE
DV8014	CABLE EVR + POMPE	FILLER EV AND PUMP CABLE
DV8015	PONT PRESSOSTAT	PRESSURESTAT BRIDGE
DV8017	CABLE RESISTANCE PRESSOSTAT	PRESSURESTAT HEATING EL. CABLE
DV8018	CABLE DOSEUR	DOSER CABLE
DV8019	CABLE D'ALIMENTATION GENERALE	GENERAL FEEDING CABLE
DV8021	DERIVATION FEMELLE/FEMELLE	FEMALE/FEMALE DERIVATION
NM8000	CABLE THERMOSTAT RESISTANCE	HEATING EL. THERMOSTAT CABLE

A: Bouton-poussoir marche-arrêt / on-off switch
B: Bouton-poussoir chauffage / heating switch
C1: Bouton-poussoir vapeur / steam switch
C2 : Bouton-poussoir 2ème vapeur */ 2nd steam switch *
D: Bouton-poussoir eau chaude / hot water switch
E1: Electrovanne vapeur / steam electrovalve
E2 : Electrovanne 2ème vapeur */ 2nd steam electrovalve *
F: Electrovanne eau chaude / hot water electrovalve
H: Sondes / probes
I1: Pompe du 1er groupe / 1st unit pump
I2: Pompe du 2ème groupe / 2nd unit pump
J1: Electrovanne café 1er gr. / 1st unit coffee electrovalve
J2: Electrovanne café 2° gr. / 2nd unit coffee electrovalve
K: Electrovanne remplissage / filling electrovalve
L: Résistances de chauffage / heating elements
M1: Boite électronique 1er gr. / 1st unit electronic box
M2: Boite électronique 2ème gr. / 2nd unit electronic box
O: Pressostat / pressurestat
P1: Doseur d'eau 1er groupe / 1st unit dosing box
P2: Doseur d'eau 2ème groupe / 2nd unit dosing box
Q: Bornier / plug
R: Thermostat de sécurité résistance / Thermostat

* Option


DV 8010
E2
C2
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F
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A
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E1
C1
DV8009
DV8008
DV8009
DV8017
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DV8003
DV8007
DV8012
DV8018
P2
M2
DV8015
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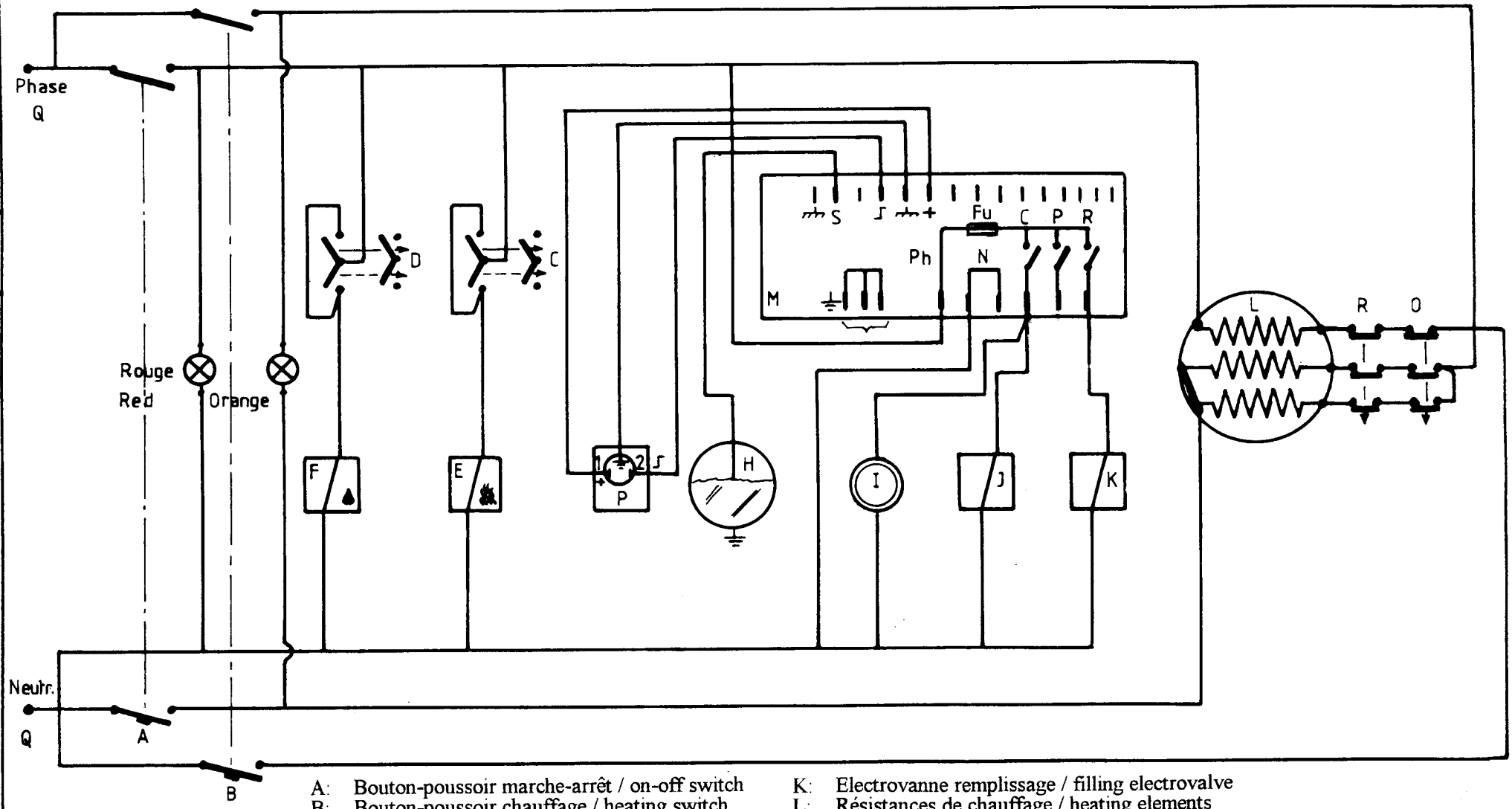
DV57
DV8001
DV8011
DV57
DV8021
I2
J2
R
J1
DV138
DV8006
DV55
NM8000
DV8014
H
L
K
I1
Q
DV8007
DV138
DV8019
DV8005

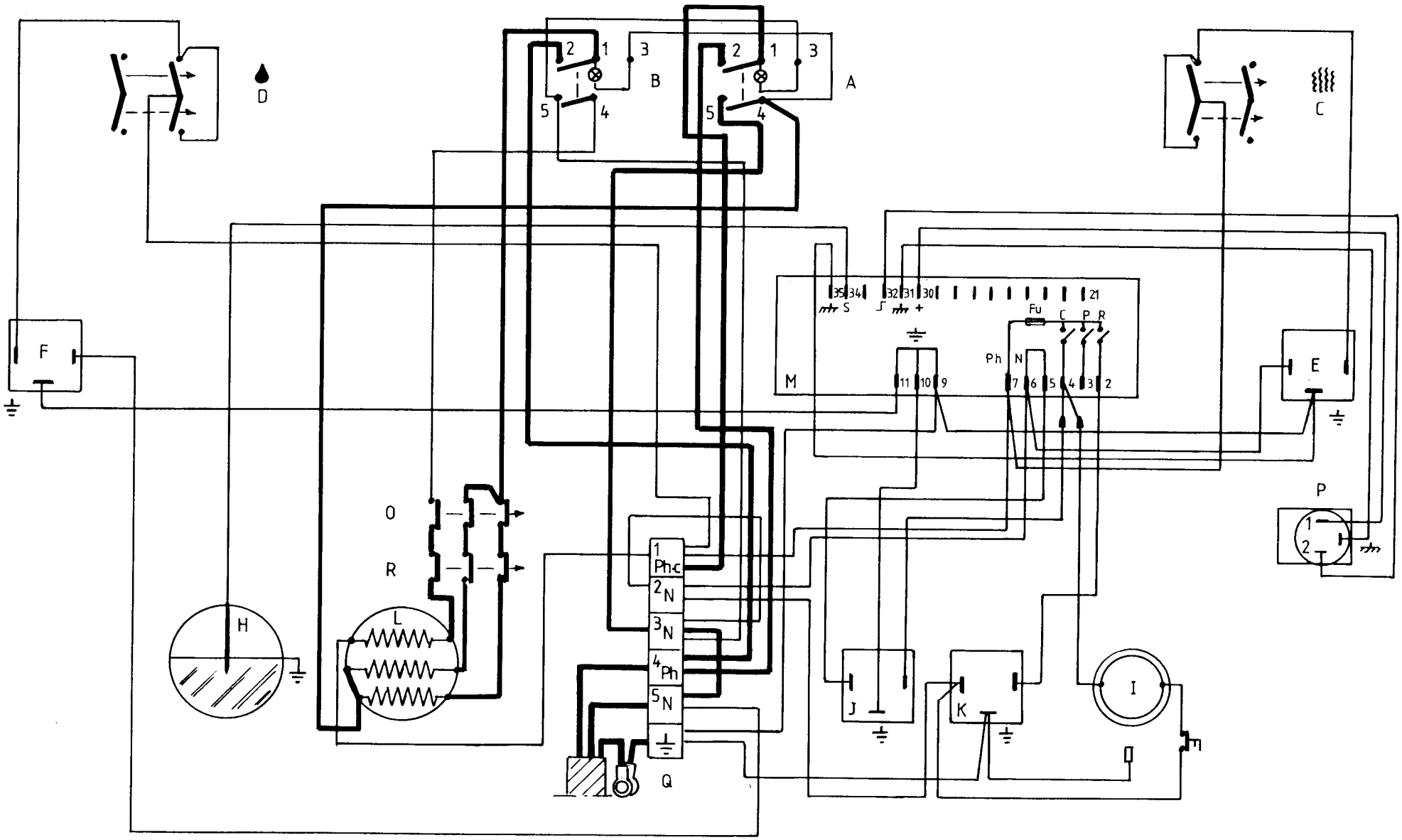
7-96

Schéma de principe PHOENIX
PHOENIX skeleton diagram

740



A: Bouton-poussoir marche-arrêt / on-off switch
B: Bouton-poussoir chauffage / heating switch
C: Bouton-poussoir vapeur / steam switch
D: Bouton-poussoir eau chaude / hot water switch
E: Electrovanne vapeur / steam electrovalve
F: Electrovanne eau chaude / hot water electrovalve
H: Sondes / probes
I: Moteur pompe / pump-motor
J: Electrovanne café / coffee electrovalve
K: Electrovanne remplissage / filling electrovalve
L: Résistances de chauffage / heating elements
M: Boîte électronique / electronic box
O: Pressostat / pressurestat
P: Doseur d'eau / dosing box
Q: Bornier / plug
R: Thermostat de sécurité résistance / heating element safety thermostat



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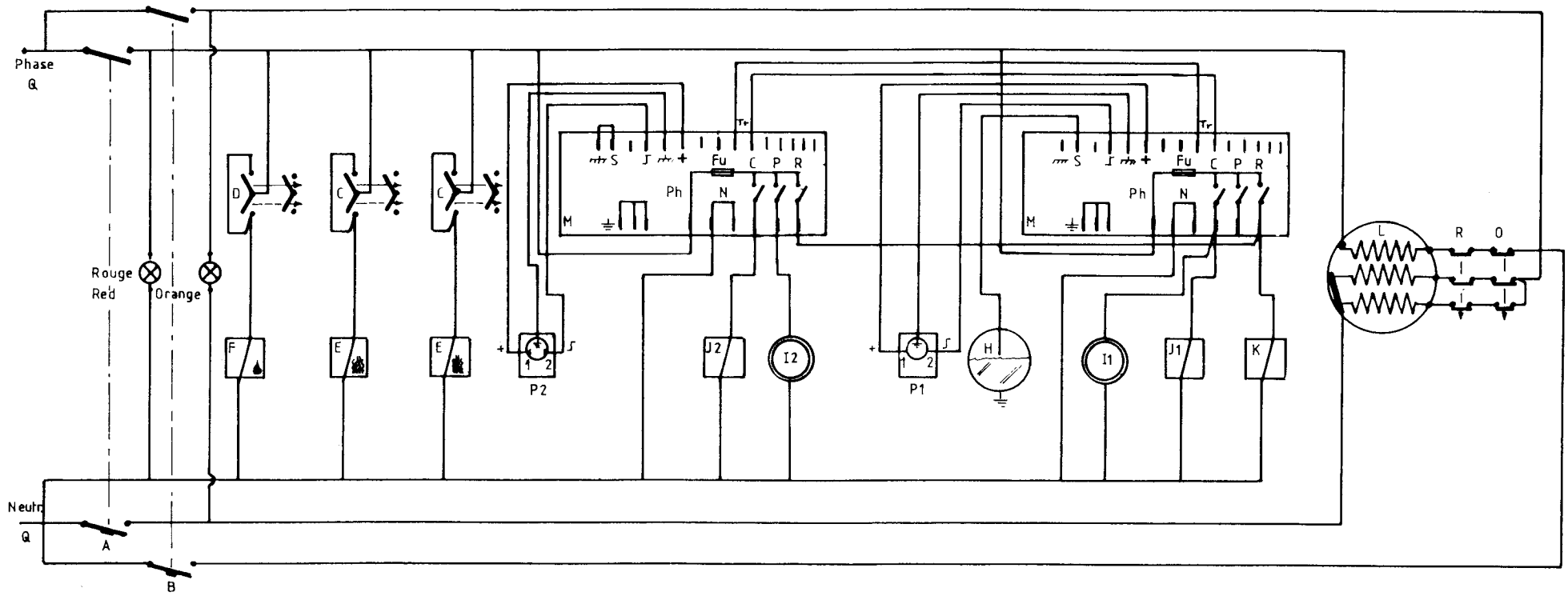

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E: Electrovanne vapeur / steam electrovalve
F: Electrovanne eau chaude / hot water electrovalve
H: Sondes / probes
I1: Pompe du 1er groupe / 1st unit pump
I2: Pompe du 2ème groupe / 2nd unit pump
J1: Electrovanne café 1er groupe / 1st unit coffee electrovalve
J2: Electrovanne café 2ème groupe / 2nd unit coffee electrovalve
K: Electrovanne remplissage / filling electrovalve
L: Résistances de chauffage / heating elements
M1: Boite électronique 1er groupe / 1st unit electronic box
M2: Boite électronique 2ème groupe / 2nd unit electronic box
O: Pressostat / pressurestat
P1: Doseur d'eau 1er groupe / 1st unit dosing box
P2: Doseur d'eau 2ème groupe / 2nd unit dosing box
Q: Bornier / plug
R: Thermostat de sécurité résistance / heating element safety thermostat

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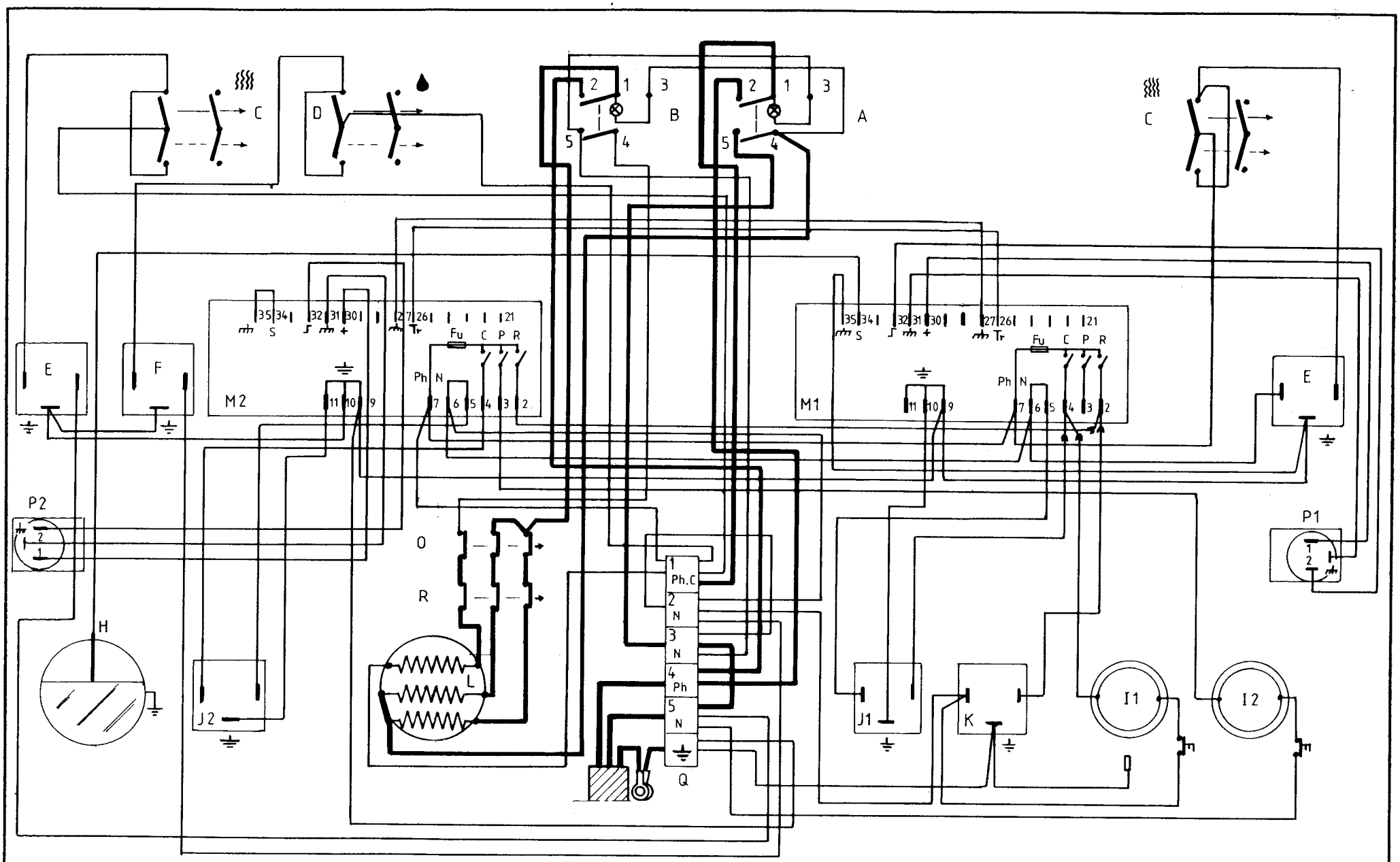

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