



Quantium 500T1



Parts Manual



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1 INTRODUCTION

1.1 How To Use This Manual

It is recommended that all relevant persons familiarise themselves with the contents of this manual prior to carrying out any operations or procedures.

This manual is divided into sections which are described as follows: -

Section 1 - Introduction

This section contains information on how to use the manual, the scope of equipment covered, recommendations on qualified technicians and contact information. It also includes relevant health and safety information required for the safe practice of common maintenance procedures.

Section 2 - Cladding & Framework

This section contains the part identification list for the dispenser cladding and framework.

Section 3 - Hose Management

This section contains the part identification list for the dispenser hose management.

Section 4 - Dispenser Hydraulics

This section contains the part identification list for the dispenser hydraulics.

Section 5 - Dispenser Electronics

This section contains the part identification list for the dispenser electronics.

Section 6 - Vapour Recovery

This section contains the part identification list for the dispenser vapour recovery system.

1.1.1 DRAWING INTERPRETATION

This Parts Manual is designed to show the maximum number of options and configurations using the minimum number of drawings. Therefore in many cases, the drawings will not correspond to a particular dispenser configuration and the engineer must take care to identify the required arrangement on the drawing.

For clarity, the following guidelines have been applied to the Parts Manuals:-

- Item quantities are not shown on the drawings or parts lists.
- If there are multiple sub-assemblies displayed on the same drawing then only one instance is exploded.
- Where possible, duplication has been avoided.

1.2 Product Scope

The equipment and models covered by the contents of this manual are: -

The Quantum 500T1 range of fuel dispensers, with the exception of the LPG version.

For information on Quantum LPG dispensers refer to the relevant LPG manual as provided by Tokheim.

All dispensers in the range use the same standard sub-assemblies and offer a wide range of configurations and includes provision for options such as integrated payment terminal, vapour recovery etc.

1.3 Authorised Technicians

Only qualified technicians familiar with the contents of this manual should carry out the procedures contained herein.



WARNING : ANY ATTEMPTS TO CARRY OUT THE PROCEDURES OF THIS MANUAL, BY UNQUALIFIED OR UNAUTHORISED PERSONS, MAY RESULT IN SERIOUS INJURY OR LOSS OF LIFE.

NOTE : THIS MANUAL IS NOT INTENDED TO REPLACE THE SERVICES OF A FULLY QUALIFIED TECHNICIAN.

1.4 Contact Information

For information relating to the contents of this manual please contact: -

Technical Author
Tokheim UK Ltd.
Dundee, Scotland

For technical assistance please contact the appropriate service division listed on the back cover of this manual.

1.5 Health & Safety

1.5.1 SAFETY CHECKLIST

- It is obligatory that this checklist be fully complied with during all work at the petrol station, particularly construction or repair work.
- It is the duty of the contractor to ensure that all workers employed by him obey each and all of the relevant laws, directives and other regulations.

Areas where special caution is required

- The insides of tanks, tubes, dome shafts, filling shafts, change over shafts, vessels and dispensers.
- All areas in which fuel vapour that is heavier than air can accumulate, e.g. fuel separator, draining shafts, low located rooms, cellars, excavations, pipe trenches etc.
- The areas around the outlets of tank ventilation pipes, especially during the filling phase.
- All areas near dispensers, tanker lorries and other vehicles while they are being tanked up, and particularly when there is a lack of wind.
- A radius of 1.0 metres around petrol carrying pipes, as well as pipes that are not vapour free.
- Silt traps.

1.5.2 DUTIES OF THE EMPLOYEES

- To ensure optimal accident prevention in our company, in addition to general rules applying to worker's protection, it is necessary to take into account all the national protection of workers legislation and to actively support all measures which enhance safety standards.
- It is an employee's duty to follow all company directives regarding the prevention of accidents, unless such directives can be proved to be unfounded.
- Employees should not follow any instructions that go against safety standards.
- Employees are only permitted to use equipment for its original purpose, and this is defined by the company alone.
- If an employee detects equipment that is deficient in terms of safety, he shall eliminate this deficiency immediately. If such safety rectification is not part of his defined area of activities, or if his knowledge is insufficient to carry out such work he must immediately inform his superior about the detected safety deficiency.

This equally applies to:

- 1) **Work Materials** which have not been correctly packed or correctly marked in order to meet safety requirements.
- 2) **Work Methods** or work processes which have not been correctly coordinated or controlled in order to meet safety requirements.
- 3) **Where dangerous activities are carried out by several persons**, the need for a permanent faultless communication between them in order to avoid dangerous events shall require the appointing of one person in order to carry out overall supervision.

1.5.3 HAZARDS

Prior to starting work, the dispenser must be isolated (i.e. entirely disconnected from the mains supply) and the mains supply switch locked in the OFF position. The submerged pump (if applicable) and control signals from the dispenser must also be isolated. This is done to provide safety for the technician. As a further precaution, switch off the mains supply in the service station shop and place a clear notice on the switch to avoid it being turned on again inadvertently.



WARNING : THE CONNECTION AND DISCONNECTION OF ELECTRICAL CONNECTIONS MAY ONLY BE CARRIED OUT BY QUALIFIED PERSONNEL AUTHORISED FOR SUCH ACTIVITIES. WORK IN DANGEROUS AREAS MUST BE MADE SAFE BY OBSERVING ALL THE NATIONAL SAFETY REQUIREMENTS IN FORCE.

It is not permitted to put a fuel dispenser into operation before an authorised official has inspected it and released it. This depends upon the national regulations in force.

Dismantled packaging and cladding must be stored in such a way as to avoid damage to components or injuries to persons. Covers that can be opened, such as the calculator housing, should be handled with care. Ensure that the retaining catch is placed in the correct position to prevent the cover falling onto the head of the service engineer or other persons in the area.

At unattended service stations, every end-user should be able to read the User Instructions. They should be visible on a notice board or integrated into the DIT and should be sufficiently well lit so that they can be read at night.

At unattended service stations break away couplings must always be used to reduce the danger caused by a motorist driving off with the nozzle still in the tank.

1.5.4 WARNING SIGNS

The following warning signs are fitted as standard, on the dispenser, however they may vary according to individual country requirements or customer specifications.

SIGN	MEANING	POSITION
	Do not use mobile phones	Visible from both sides of dispenser
	Naked flames and smoking forbidden	Visible from both sides of dispenser
	Do not spill fuel on the ground	Visible from both sides of dispenser
	Stop vehicle engine	Visible from both sides of dispenser
	Trucks only	At Diesel high speed dispensers near the nozzle boots
	Do not drive away with nozzle in tank	Visible from both sides of dispenser
		Next to User Instructions near the nozzle boot

1.5.5 PERSONAL PROTECTIVE EQUIPMENT (PPE)

PROTECTIVE CLOTHING

The following clothing should be worn **at all times** during installation and maintenance procedures:-

- Protective helmet.
- Protective shoes (conductive).
- Protective gloves and/or protective hand cream.
- Anti static clothing.
- Eye protection.

SAFETY EQUIPMENT FOR WORKING IN HAZARDOUS AREAS

The following safety equipment is required for working in hazardous areas:-

- Only spark free tools are permitted for work on dispensers.
- Work on bearings is only permitted using the standard workshop tools authorised for this kind of work.
- The use of all electrical tools is strictly prohibited.
- Only the use of explosion protected work lights is permitted.
- The use of telecommunications equipment in hazardous areas is strictly prohibited.

SAFETY INSTRUCTIONS

The following safety instructions must be adhered to during installation and maintenance procedures:-

- Inhalation of petrol vapour must be avoided. Suitable precautions must be taken and where necessary respirators used.
- Avoid direct contact of fuel with the skin.
- Use suitable protective clothing, protective gloves and/or protective hand cream.
- Avoid fuel spills.
- No smoking, no naked flames are permitted.
- Long hair and ties can get caught in moving parts. Hair must be suitably covered.

1.6 Standards & Certificates

This dispenser is constructed in conformity with the requirements of all the applicable European Directives (Machinery 98/98/37/EC; EMC 89/336/EEC; ATEX 94/9/EC).

The components used within the dispenser, including connection facilities, are selected in accordance with the European Standard EN 50014 (Electrical apparatus for potentially explosive atmospheres), and the supplementary Standards listed therein.

Diesel dispensers do not create an explosive hazard, but due to the probability of these being in close proximity to gasoline dispensers, the same construction rules are applicable.

The dispenser is certified by SIRA as suitable for use in Potentially Explosive Atmospheres Directive 94/9/EC, and marked to be in accordance with the European Dispenser Construction Standard EN 13617-1.

This dispenser is also certified to OIML International Recommendations R117 and R118. Certificate Numbers R117/1995-NL-01.04 & 08.

The production and end test is controlled through the Quality Assurance systems within the Tokheim Manufacturing Centres, and has received Quality Assurance Notification from a Notified Body.

No modification to the dispenser may be performed without express permission from Tokheim and must always use original components or Tokheim retrofit kits. Failure to comply with the above will invalidate product conformance with the relevant European Directives and Tokheim will no longer accept product liability.

1.6.1 DISPENSER MARKING FOR THE ATEX DIRECTIVE

The dispenser is labelled by Tokheim in accordance with the requirements of the ATEX Directive. This labelling includes:-

- The CE mark (CE conformity)
- The specific explosion protection mark, together with the mark indicating the equipment group and category; and, relating to equipment group II, the letter “G” (concerning explosive atmospheres caused by gases and vapours)
- The “Tokheim” name or logo and manufacturing location
- The dispenser type and serial number including the year of production

Labels can either be plastic stickers or metal plates and may vary according to national requirements. A typical example of a label follows:-

0518 SIRA
or
0081 LCIE



DUNDEE
or
GRENTHEVILLE

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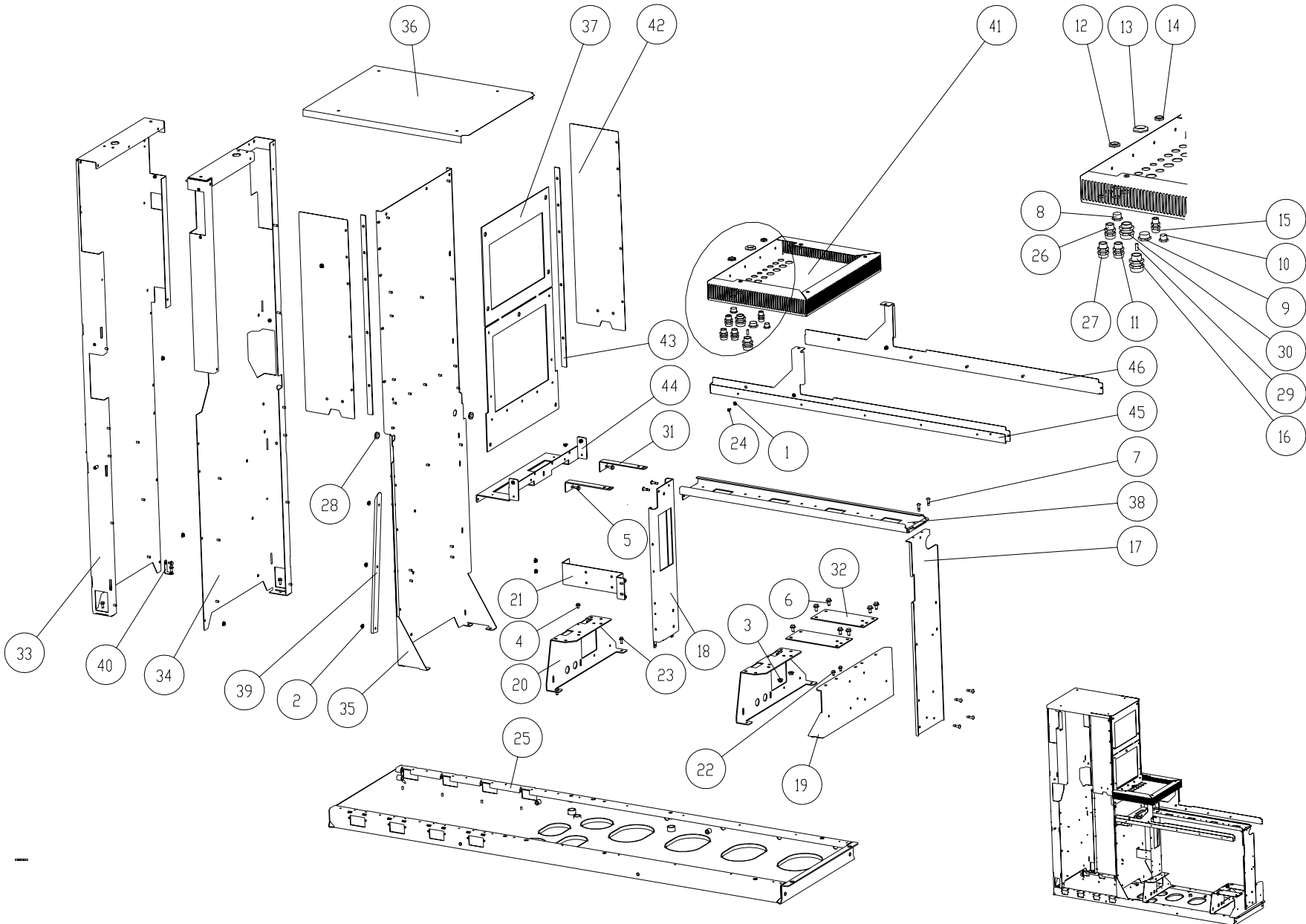
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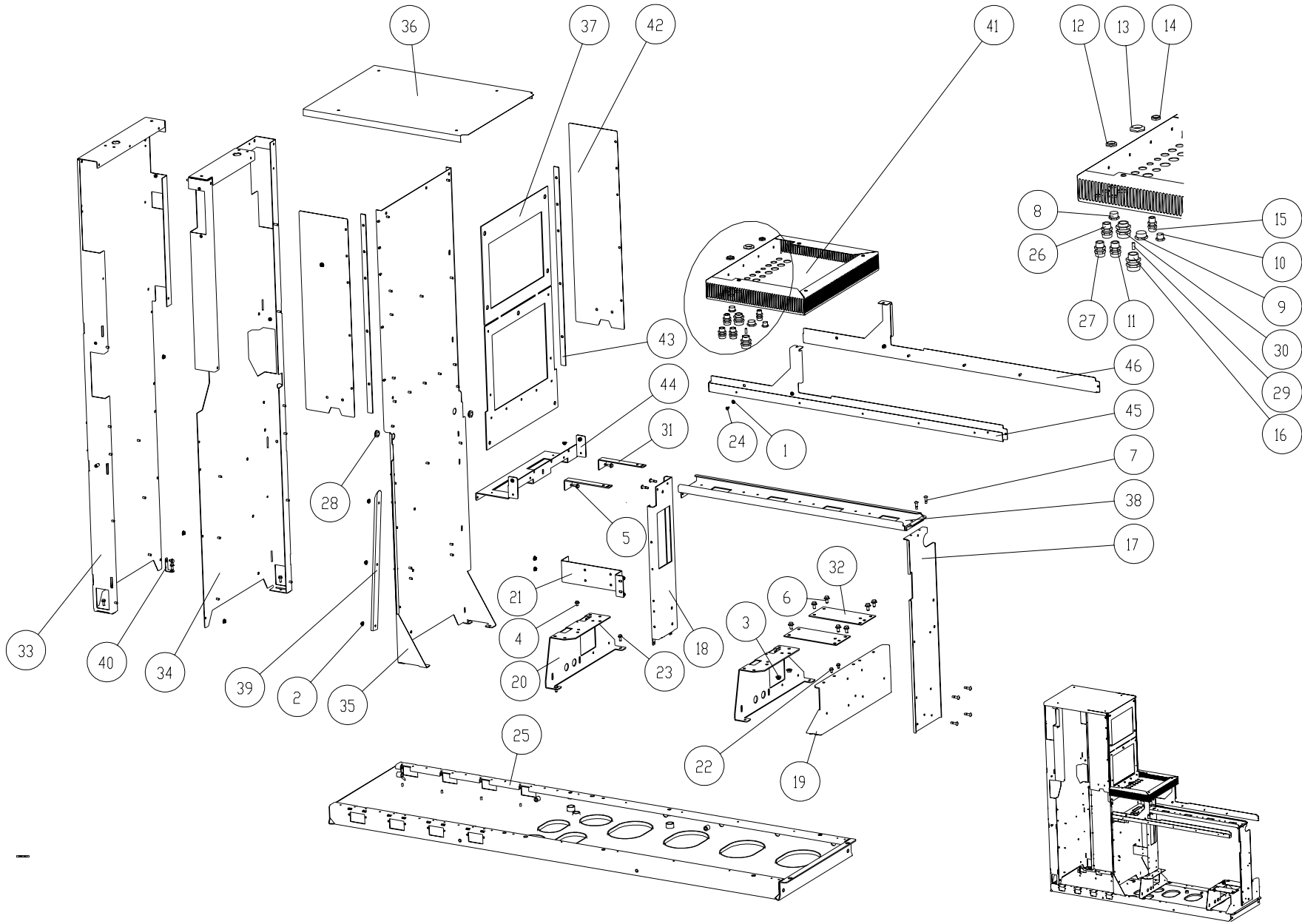


2 CLADDING & FRAMEWORK

2.1 Frame Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Washer PI M6	Rondelle PI M6	900008-002	
2	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
3	Nut Hex Self Lock M8	Ecrou Bride Autobloquant M8	900013-004	
4	Screw HFHSL M6x10	Vis Hex Br Autobl M6x10	900016-003	
5	Screw HFHSL M6x16	Vis Hex Br Autobl M6x16	900016-004	
6	Screw HFHSL M8x16	Vis Hex Br Autobl M8x16	900016-006	
7	Rivet Blind Domed 6.5x24.8	Rivet Pop Bomb 6.5x24.8	900025-002	
8	Plug M20 x 1,5 EEXE/IP66	Bouchon PG M20 x 1,5 EEXE/IP66	900044-001	
9	Plug M25 x 1,5 EEXE/IP66	Bouchon PG M25 x 1,5 EEXE/IP66	900044-002	
10	Plug M16 x 1,5 EEXE/IP66	Bouchon PG M16 x 1,5 EEXE/IP66	900044-004	
11	GLAND M20X1,5 Eexe II 8-13mm	PE M20X1,5 Eexe II 8-13mm	900064-001	
12	Nut Hex M20 x 1,5 (Bartec)	Ecrou Hex M20 x 1,5 (Bartec)	900088-001	
13	Nut Hex M25 x 1,5 (Bartec)	Ecrou Hex M25 x 1,5 (Bartec)	900088-002	
14	Nut Hex M16 x 1,5 (Capri)	Ecrou Hex M16 x 1,5 (Capri)	900088-004	
15	GLAND M16X1,5 Eexell 5-8mm	PE M16X1,5 Eexell/ 5-8mm	900362-001	
16	GLAND M25X1,5 IP66 4x 6mm	PE M25X1,5 IP66 4x 6mm	900363-001	
17	Vertical Frame Hydr End	Chassis Vertic Extr Hydr	900369	
18	Vertical Frame Hydr Opt Blk	Chassis Vertic Opt Hydr Block	900370	
19	Pump Support End	Extr Support Pompe	900371	
20	Bracket - pump	Support pompe	900397	
21	Bracket Junction Box	Support boîte connexion	900439	
22	Screw HFHTF M6x10	Vis Hex. Taraudeuse M6x10	900708-001	
23	Screw HFHTF M6x16	Vis Hex. Taraudeuse M6x16	900708-003	
24	Screw HSB M6x10	Vis M6x10	900795-005	

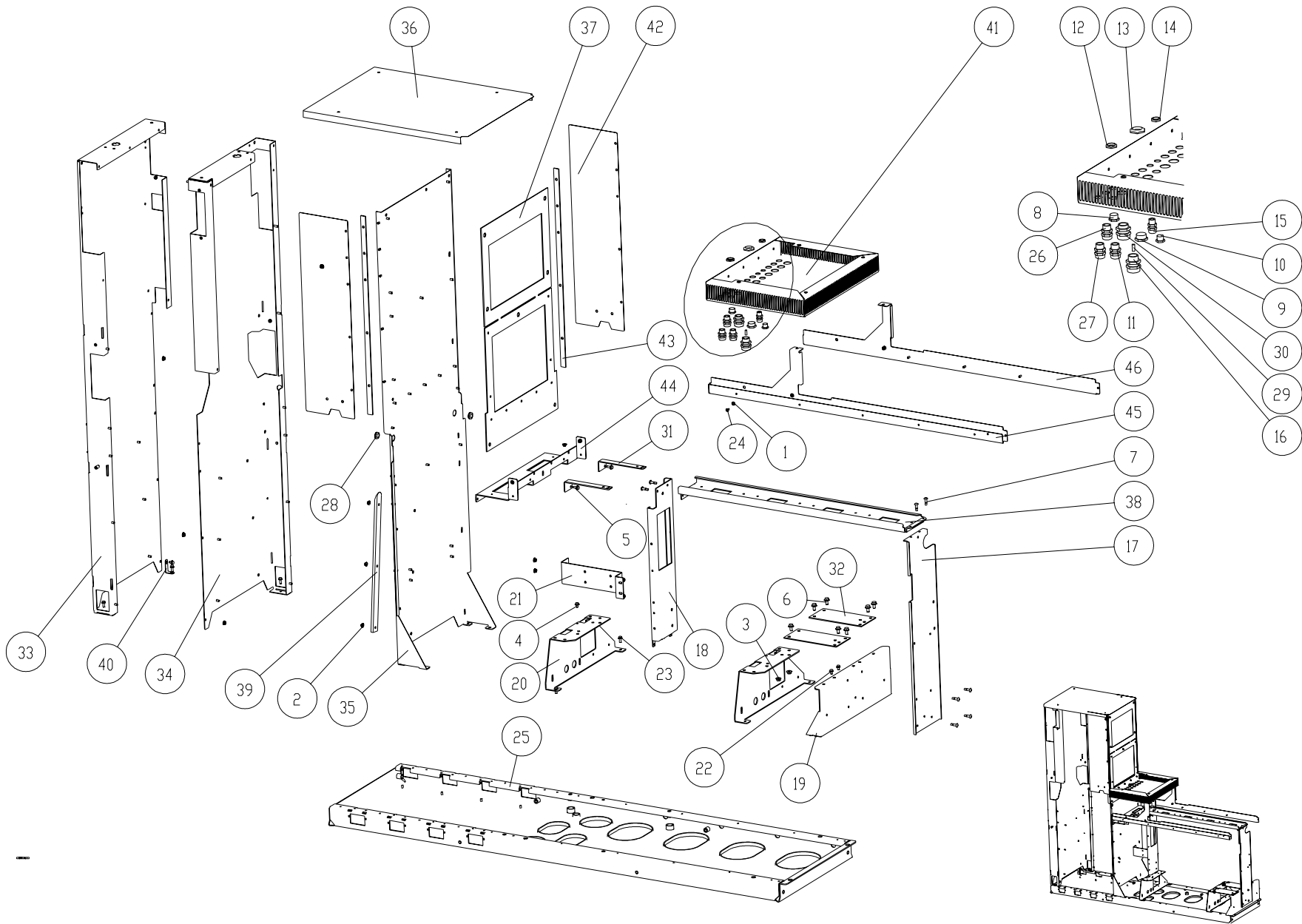
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2.1 Frame Assembly (Cont.)

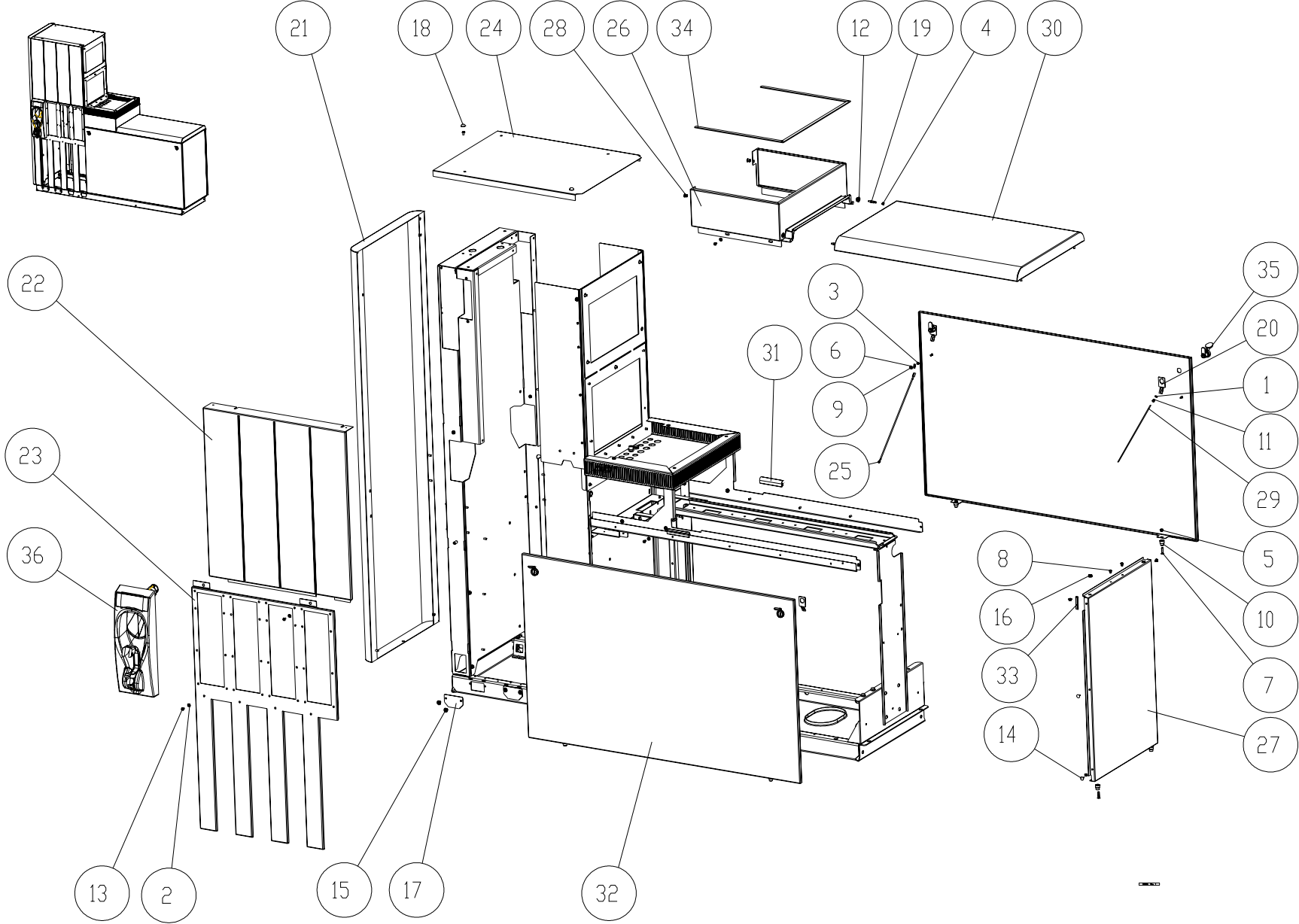
Item No	Description	Désignation Français	Part No	Comments
25	Q500T Driptray 2F1C	Récupération égoutture 2F1C	900932	
	Q500T Driptray 2F2C	Récupération égoutture 2F2C	900923	
	Q500T Driptray 3F3C	Récupération égoutture 3F3C	900925	
	Q500T Driptray 4F3C	Récupération égoutture 4F3C	900926	
	Q500T Driptray 4F2C	Récupération égoutture 4F3C	904096	
	Q500T Driptray 4F4C	Récupération égoutture 4F4C	900928	
	Q500T Driptray 5F4C	Récupération égoutture 5F4C	900930	
	Q500T Driptray 5F5C	Récupération égoutture 5F5C	908193	
	Q500T Driptray SAT	Récupération égoutture SAT	900937	
26	Gland M20X1,5 Eexe II/IP66-68 1x 5-9mm	PE M20X1,5 Eexe II 5-9mm Bleu	901404-001	
27	Gland M20X1,5 EExe II 5-9mm	PE M20X1,5 Eexe II 5-9mm	901478-001	
28	Skiffy bushing	Passe-fils Skiffy	901937-002	
29	Blindplug 6,5x17	Bouchon PE 6,5x17	901975-001	
30	Gland M25X1,5 EExell/8-17mm	GLAND M25X1,5 EExell/8-17mm	901990-001	
31	Hydraulic Frame Support Brkt	Support Cadre Hydraulique	903617	
32	Stay	Renfort	903631	
33	HMS Frame Left Assy	HMS Cadre Gauche Asm	905846	
34	HMS Frame Right Assy	HMS Cadre Droit Asm	905847	
35	Fire Barrier Assembly	Ecran Feu Asm	905848	
36	HMS Roof Panel 5C	HMS Panneau de Toit 5C	908211	
	HMS Roof Panel 4C	HMS Panneau de Toit 4C	905923	
	HMS Roof Panel 3C	HMS Panneau de Toit 3C	905924	
	HMS Roof Panel 2C	HMS Panneau de Toit 2C	905925	
	HMS Roof Panel 1C	HMS Panneau de Toit 1C	905926	
37	Gasket Single Head / F Barrier	Joint Elec Boite / F Barrier	906287	
38	Horizontal Frame Hydr 5F	Châssis Horizont Hydr 5F	906292	
	Horizontal Frame Hydr 4F	Châssis Horizont Hydr 4F	906293	
	Horizontal Frame Hydr 3F	Châssis Horizont Hydr 3F	906294	
	Horizontal Frame Hydr 2F	Châssis Horizont Hydr 2F	906295	

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2.1 Frame Assembly (Cont.)

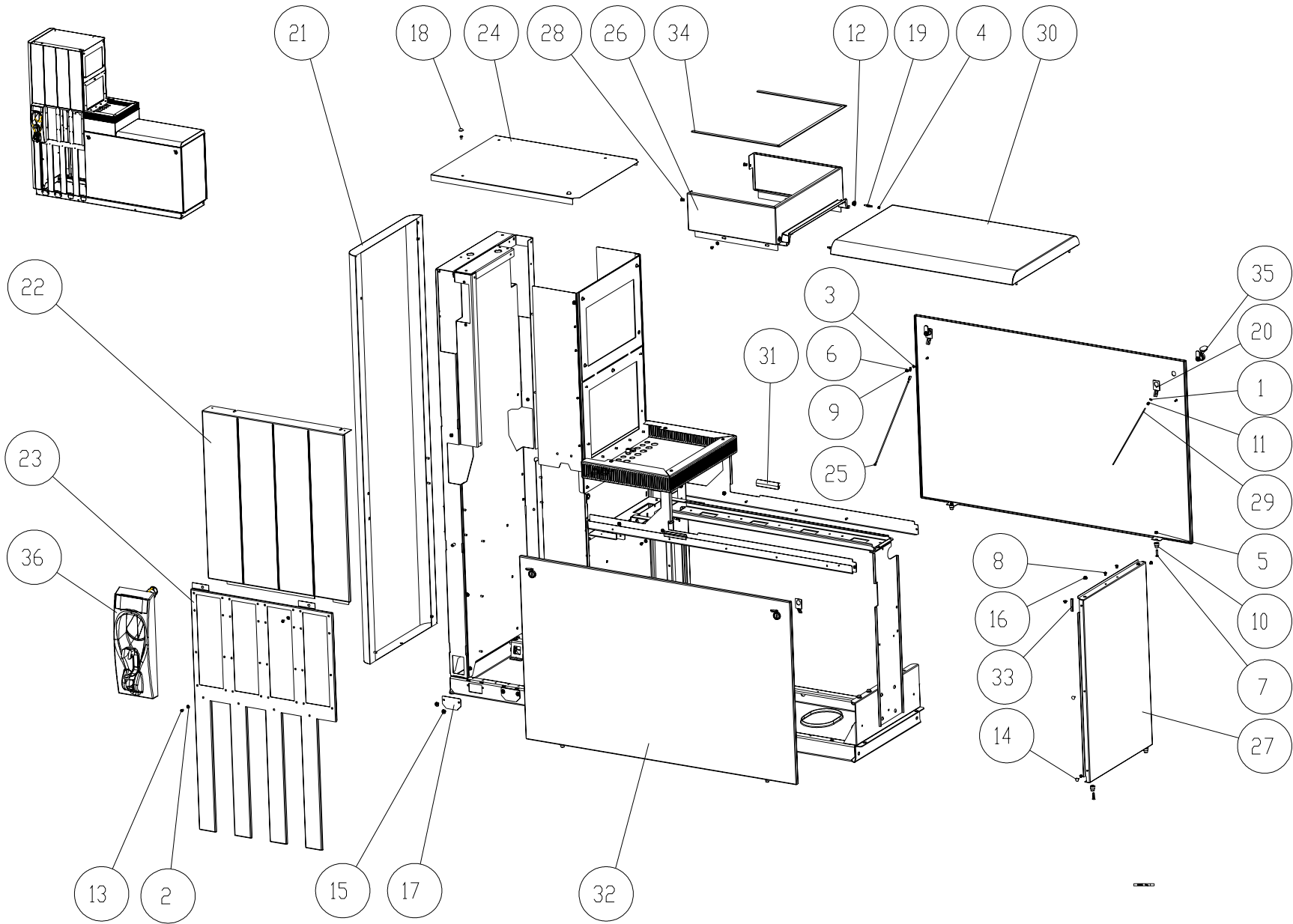
Item No	Description	Désignation Français	Part No	Comments
39	Vertical End Stop	Vertical arrêt d'ce extremite	906351	
40	Bracket End Column Support	Support Colonne de fin	906498	
41	Air Gap Assembly SS	Air Gap Assemblé SS	906657	Stainless Steel
	Air Gap Assembly ACP	Air Gap Assemblé ACP	907055	Additional Corrosion Protection
42	HMS Vapour Cover Std	Couvercle pour HMS std	906671	
43	Gasket HMS Vapour Cover	Joint couvercle pour HMS	906696	
44	Support Valvebox Assembly	Support Cage Soupape Assy	906741	
45	Rain Gutter RHS 5F Assy	Gouttiere Droite De Pluie 5F Assy	906746	
	Rain Gutter RHS 4F Assy	Gouttiere Droite De Pluie 4F Assy	906747	
	Rain Gutter RHS 3F Assy	Gouttiere Droite De Pluie 3F Assy	906748	
	Rain Gutter RHS 2F Assy	Gouttiere Droite De Pluie 2F Assy	906749	
46	Rain Gutter LHS 5F Assy	Gouttiere Gauche De Pluie 5F Assy	906751	
	Rain Gutter LHS 4F Assy	Gouttiere Gauche De Pluie 4F Assy	906752	
	Rain Gutter LHS 3F Assy	Gouttiere Gauche De Pluie 3F Assy	906753	
	Rain Gutter LHS 2F Assy	Gouttiere Gauche De Pluie 2F Assy	906754	



2.2 Cladding Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Washer PI M4	Rondelle PI M4	900008-001	
2	Washer PI M6	Rondelle PI M6	900008-002	
3	Washer Serr Lock Ext M5	Rondelle a Dents DEC M5	900009-005	
4	Nut Hex Prev Torque M5	Ecrou Frein M5	900012-002	
5	Nut Hex Prev Torque M6	Ecrou Frein M6	900012-003	
6	Nut Hex Self Lock M5	Ecrou Bride Autobloquant M5	900013-002	
7	Screw SCS M6x25	Vis FS M6x25	900014-002	
8	Rivet Rokut	Rivet Expansion	900022-001	
9	Ground Tag M5, 1/4" fast-on	Tag sol M5, 1/4" rapide	900353	
10	Adjustment Pin	Broche de Reglage	900403	
11	Nut Insert M4	Ecrou Avdel AF M4	900479-001	
12	Bearing Vertical Roller	Palier de rouleau vertical	900505	
13	Screw HSB M6x10	Vis M6x10	900795-005	
14	Drive Fastener D5/13.5 T3 NA	Att à pression D5/13.5 E3 NA	901058-001	
15	Rivet Screw	Rivet Vis	901371-001	
16	Skiffy bushing	Passe-fils Skiffy	901937-003	
17	Cover_bracket	Couvercle	902021	
18	Snap cap M6	Capuchon de vis M6	903192-001	
19	Adjustment pin	Réglage broche	903268	
20	Latch - cord (lock)	Butee de bequille (serrure)	903276	
21	End Column Q500T1 Assy	Colonne de fin Q500T1 Assy	905852	
	End Column Q500T1 Assy Stainless Steel	Colonne de fin Q500T1 Assy inox	906778	Stainless Steel
	End Column Q500T1 Assy ACP	Colonne de fin Q500T1 Assy ACP	907068	Additional Corrosion Protection
22	Nozzle panel top 1C	Pann. hab. dessus 1C	905879	
	Nozzle panel top 2C	Pann. hab. dessus 2C	905880	
	Nozzle panel top 3C	Pann. hab. dessus 3C	905881	
	Nozzle panel top 4C	Pann. hab. dessus 4C	905882	
	Nozzle panel top 5C	Pann. hab. dessus 5C	908205	
	Nozzle panel top 1C Stainless Steel	Pann. hab. dessus 1C inox	905883	Stainless Steel
	Nozzle panel top 2C Stainless Steel	Pann. hab. dessus 2C inox	905884	Stainless Steel
	Nozzle panel top 3C Stainless Steel	Pann. hab. dessus 3C inox	905885	Stainless Steel
	Nozzle panel top 4C Stainless Steel	Pann. hab. dessus 4C inox	905885	Stainless Steel
	Nozzle panel top 5C Stainless Steel	Pann. hab. Dessus 5C inox	908206	Stainless Steel

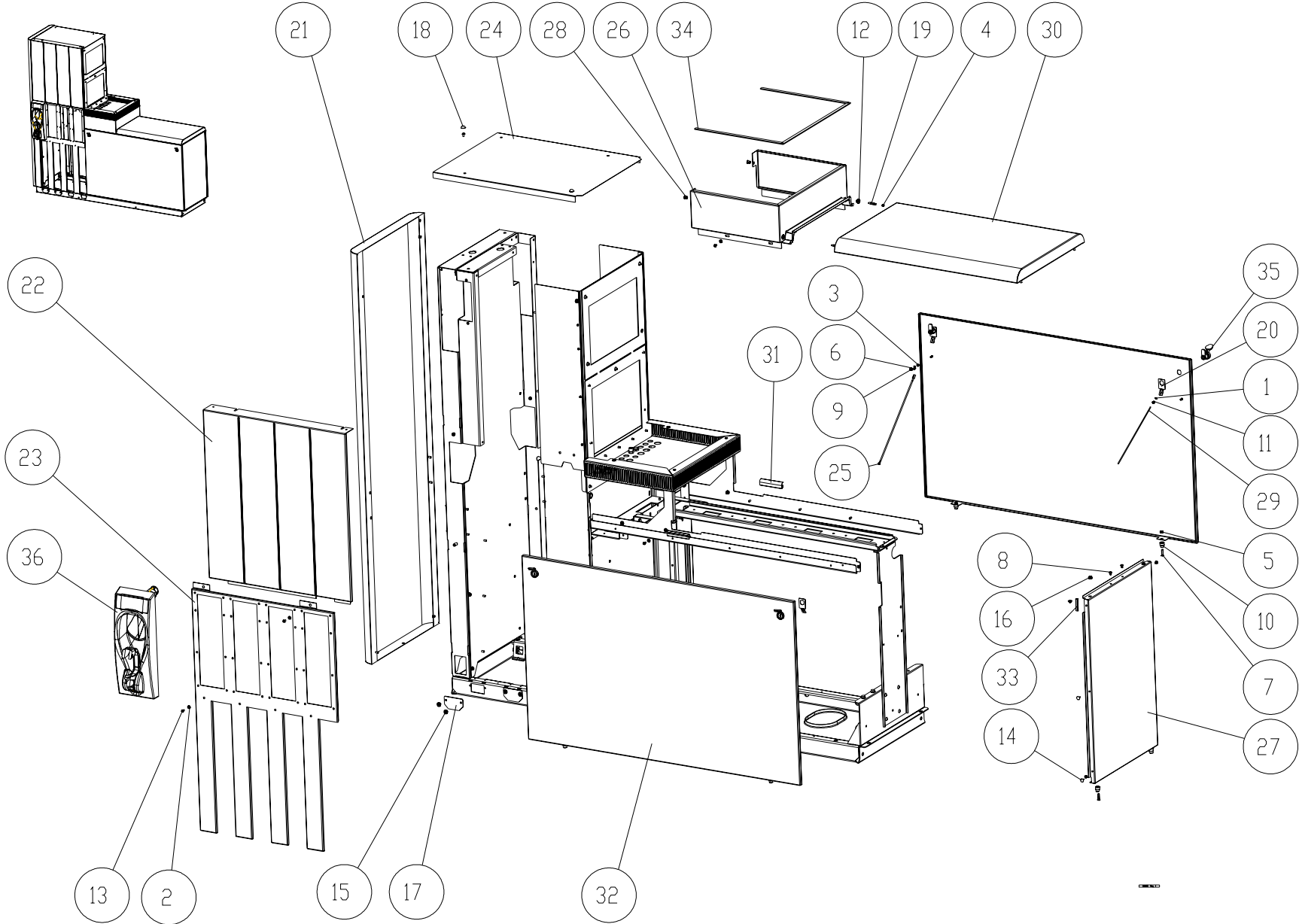
(Cont.)



2.2 Cladding Assembly (Cont.)

Item No	Description	Désignation Français	Part No	Comments
22 cont.	Nozzle panel top 1C ACP	Pann. hab. dessus 1C ACP	907069	Additional Corrosion Protection
	Nozzle panel top 2C ACP	Pann. hab. dessus 2C ACP	907070	Additional Corrosion Protection
	Nozzle panel top 3C ACP	Pann. hab. dessus 3C ACP	907071	Additional Corrosion Protection
	Nozzle panel top 4C ACP	Pann. hab. dessus 4C ACP	907072	Additional Corrosion Protection
	Nozzle panel top 5C ACP	Pann. hab. dessus 5C ACP	908207	Additional Corrosion Protection
23	Nozzle panel bottom 1C	Pann.hab. fond 1C	905888	
	Nozzle panel bottom 2C	Pann.hab. fond 2C	905889	
	Nozzle panel bottom 3C	Pann.hab. fond 3C	905890	
	Nozzle panel bottom 4C	Pann.hab. fond 4C	905891	
	Nozzle panel bottom 5C	Pann.hab. fond 4C	908208	
	Nozzle panel bottom 1C Stainless Steel	Pann.hab. fond 1C inox	905892	Stainless Steel
	Nozzle panel bottom 2C Stainless Steel	Pann.hab. fond 2C inox	905893	Stainless Steel
	Nozzle panel bottom 3C Stainless Steel	Pann.hab. fond 3C inox	905894	Stainless Steel
	Nozzle panel bottom 4C Stainless Steel	Pann.hab. fond 4C inox	905895	Stainless Steel
	Nozzle panel bottom 5C Stainless Steel	Pann.hab. fond 5C inox	908209	Stainless Steel
	Nozzle panel bottom 1C ACP	Pann.hab. fond 1C ACP	907077	Additional Corrosion Protection
	Nozzle panel bottom 2C ACP	Pann.hab. fond 2C ACP	907078	Additional Corrosion Protection
	Nozzle panel bottom 3C ACP	Pann.hab. fond 3C ACP	907079	Additional Corrosion Protection
	Nozzle panel bottom 4C ACP	Pann.hab. fond 4C ACP	907080	Additional Corrosion Protection
	Nozzle panel bottom 5C ACP	Pann.hab. fond 4C ACP	908210	Additional Corrosion Protection
	Nozzle panel bottom 1C Blind	Pann.hab. fond 1C aveugle	906220	
	Nozzle panel bottom 2C Blind	Pann.hab. fond 2C aveugle	906344	
	Nozzle panel bottom 3C Blind	Pann.hab. fond 3C aveugle	906345	
	Nozzle panel bottom 4C Blind	Pann.hab. fond 4C aveugle	906346	
	Nozzle panel bottom 1C Blind St Steel	Pann.hab. fond 1C aveugle inox	906221	Stainless Steel
	Nozzle panel bottom 2C Blind St Steel	Pann.hab. fond 2C aveugle inox	906347	Stainless Steel
	Nozzle panel bottom 3C Blind St Steel	Pann.hab. fond 3C aveugle inox	906348	Stainless Steel
	Nozzle panel bottom 4C Blind St Steel	Pann.hab. fond 4C aveugle inox	906348	Stainless Steel
	Nozzle panel bottom 1C Blind ACP	Pann.hab. fond 1C aveugle ACP	906220	Additional Corrosion Protection
	Nozzle panel bottom 2C Blind ACP	Pann.hab. fond 2C aveugle ACP	906344	Additional Corrosion Protection
	Nozzle panel bottom 3C Blind ACP	Pann.hab. fond 3C aveugle ACP	906345	Additional Corrosion Protection
	Nozzle panel bottom 4C Blind ACP	Pann.hab. fond 4C aveugle ACP	906346	Additional Corrosion Protection

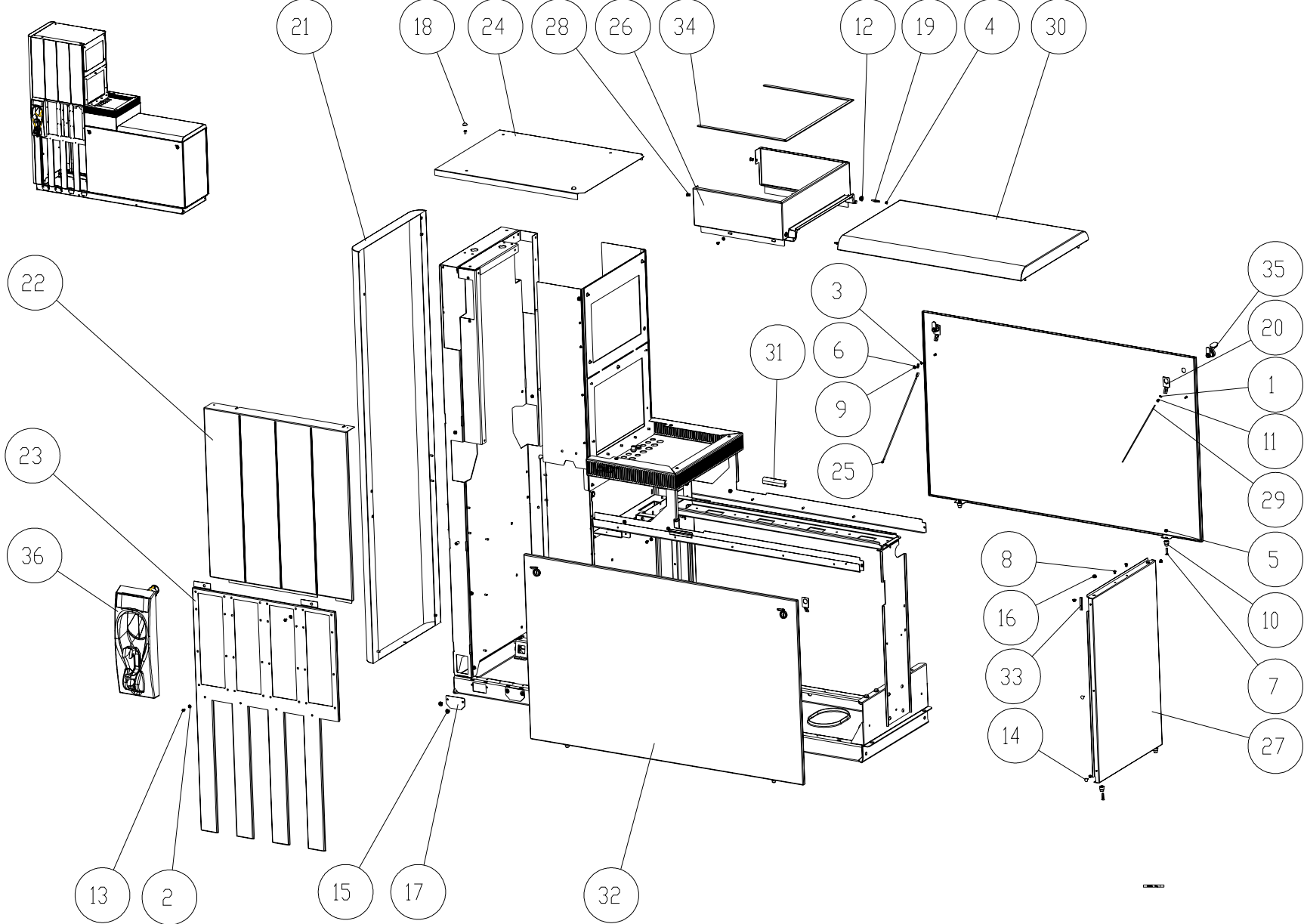
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2.2 Cladding Assembly (Cont.)

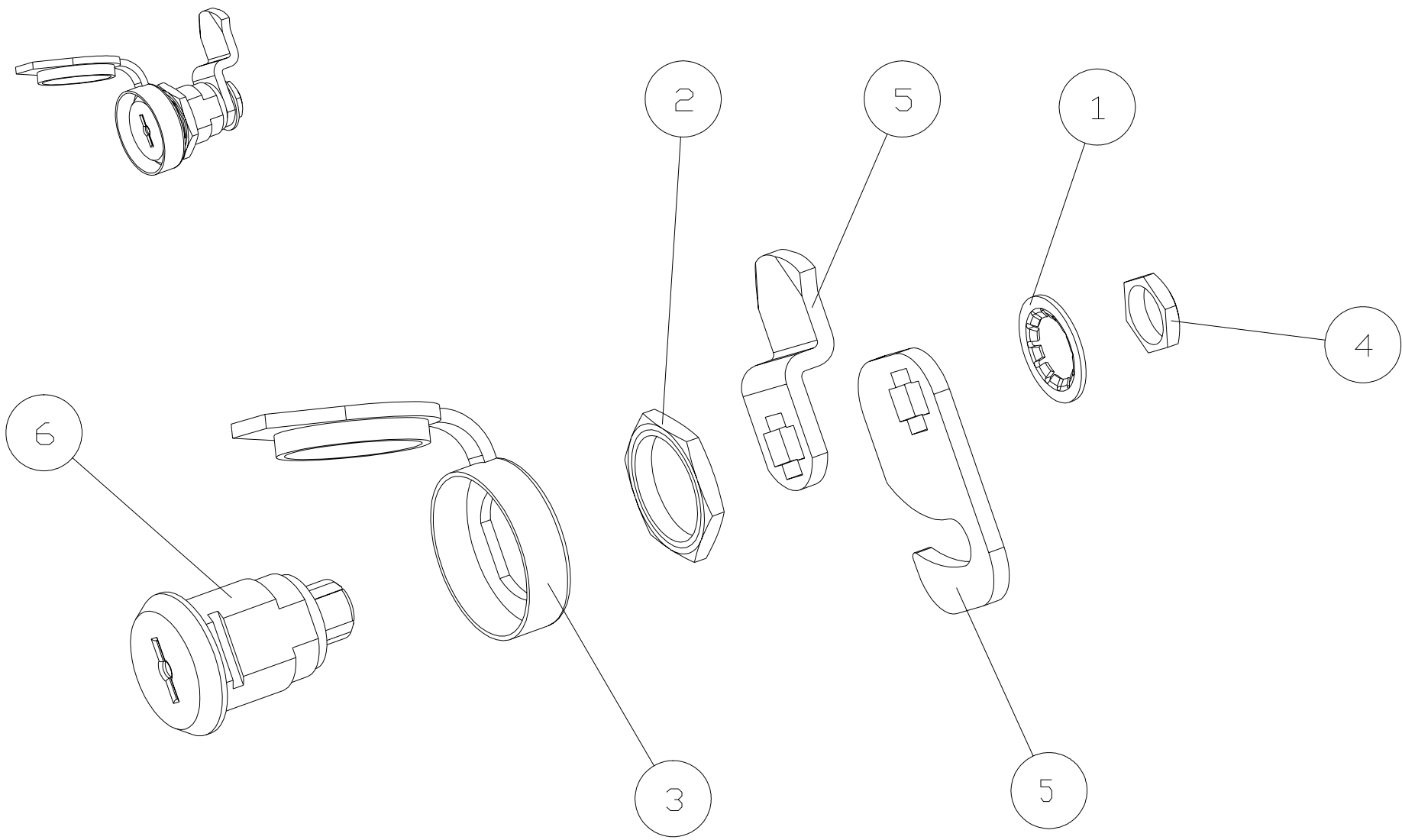
Item No	Description	Désignation Français	Part No	Comments
24	HMS Roof Panel 1C	HMS Panneau de Toit 1C	905926	
	HMS Roof Panel 2C	HMS Panneau de Toit 2C	905925	
	HMS Roof Panel 3C	HMS Panneau de Toit 3C	905924	
	HMS Roof Panel 4C	HMS Panneau de Toit 4C	905923	
	HMS Roof Panel 5C	HMS Panneau de Toit 5C	908211	
	HMS Roof Panel 1C ACP	HMS Panneau de Toit 1C ACP	907096	Additional Corrosion Protection
	HMS Roof Panel 2C ACP	HMS Panneau de Toit 2C ACP	907095	Additional Corrosion Protection
	HMS Roof Panel 3C ACP	HMS Panneau de Toit 3C ACP	907094	Additional Corrosion Protection
	HMS Roof Panel 4C ACP	HMS Panneau de Toit 4C ACP	907093	Additional Corrosion Protection
25	Earth cable for Hyd door L=400	Câble masse porte Hyd L=400	905930-002	
26	VB Cladding Assembly	BV Revêtement Assemblée	906083	
	VB Cladding Assembly Stainless Steel	BV Revêtement Assemblée inox	906209	Stainless Steel
	VB Cladding Assembly ACP	BV Revêtement Assemblée ACP	907051	Additional Corrosion Protection
27	Hydraulic End Panel	Panel Fin Hydraulic	906119	
	Hydraulic End Panel RH Gauge	Panel Fin Hydraulic RH Gauge	907132	
	Hydraulic End Panel LH Gauge	Panel Fin Hydraulic LH Gauge	907133	
	Hydraulic End Panel 2 Gauges	Panel Fin Hydraulic 2 Gauges	907134	
	Hydraulic End Panel Stainless Steel	Panel Fin Hydraulic inox	906207	Stainless Steel
	Hydraulic End Panel St Steel RH Gauge	Panel Fin Hydraulic inox RH Gauge	907135	Stainless Steel
	Hydraulic End Panel St Steel LH Gauge	Panel Fin Hydraulic inox LH Gauge	907136	Stainless Steel
	Hydraulic End Panel St Steel 2 Gauges	Panel Fin Hydraulic inox 2 Gauges	907137	Stainless Steel
	Hydraulic End Panel ACP	Panel Fin Hydraulic ACP	907050	Additional Corrosion Protection
	Hydraulic End Panel ACP RH Gauge	Panel Fin Hydraulic ACP RH Gauge	907138	Additional Corrosion Protection
	Hydraulic End Panel ACP LH Gauge	Panel Fin Hydraulic ACP LH Gauge	907139	Additional Corrosion Protection
	Hydraulic End Panel ACP 2 Gauges	Panel Fin Hydraulic ACP 2 Gauges	907140	Additional Corrosion Protection
28	Snap bush	Bush instantane	906230	
29	Q400T Hydr Door cord	Corde de porte hydraulique	906286-002	
30	Topplate 2 Frames Assembly	Plaque Sup 2 Chassis Assembly	906304	
	Topplate 3 Frames Assembly	Plaque Sup 3 Chassis Assembly	906303	
	Topplate 4 Frames Assembly	Plaque Sup 4 Chassis Assembly	906302	
	Topplate 5 Frames Assembly	Plaque Sup 5 Chassis Assembly	906301	

(Cont.)



2.2 Cladding Assembly (Cont.)

Item No	Description	Désignation Français	Part No	Comments
30 cont.	Topplate 2 Frames Assembly St Steel	Plaque Sup 2 Chassis Assembly inox	906342	Stainless Steel
	Topplate 3 Frames Assembly St Steel	Plaque Sup 3 Chassis Assembly inox	906341	Stainless Steel
	Topplate 4 Frames Assembly St Steel	Plaque Sup 4 Chassis Assembly inox	906340	Stainless Steel
	Topplate 5 Frames Assembly St Steel	Plaque Sup 5 Chassis Assembly inox	906339	Stainless Steel
	Topplate 2 Frames Assembly ACP	Plaque Sup 2 Chassis Assembly ACP	907040	Additional Corrosion Protection
	Topplate 3 Frames Assembly ACP	Plaque Sup 3 Chassis Assembly ACP	907039	Additional Corrosion Protection
	Topplate 4 Frames Assembly ACP	Plaque Sup 4 Chassis Assembly ACP	907038	Additional Corrosion Protection
	Topplate 5 Frames Assembly ACP	Plaque Sup 5 Chassis Assembly ACP	907037	Additional Corrosion Protection
31	Gasket rain gutter	Gouttiere de pluie garniture	907128	
32	Hydraulic Door 2F Assembly	Porte Hydraulique 2F Assy	907347	
	Hydraulic Door 3F Assembly	Porte Hydraulique 3F Assy	907346	
	Hydraulic Door 4F Assembly	Porte Hydraulique 4F Assy	907345	
	Hydraulic Door 5F Assembly	Porte Hydraulique 5F Assy	907344	
	Hydraulic Door 2F Assembly St Steel	Porte Hydraulique 2F Assy inox	907351	Stainless Steel
	Hydraulic Door 3F Assembly St Steel	Porte Hydraulique 3F Assy inox	907350	Stainless Steel
	Hydraulic Door 4F Assembly St Steel	Porte Hydraulique 4F Assy inox	907349	Stainless Steel
	Hydraulic Door 5F Assembly St Steel	Porte Hydraulique 5F Assy inox	907348	Stainless Steel
	Hydraulic Door 2F Assembly ACP	Porte Hydraulique 2F Assy ACP	907355	Additional Corrosion Protection
	Hydraulic Door 3F Assembly ACP	Porte Hydraulique 3F Assy ACP	907354	Additional Corrosion Protection
	Hydraulic Door 4F Assembly ACP	Porte Hydraulique 4F Assy ACP	907353	Additional Corrosion Protection
	Hydraulic Door 5F Assembly ACP	Porte Hydraulique 5F Assy ACP	907352	Additional Corrosion Protection
33	Gasket Hyd End Panel	Garniture Panel Fin Hydraulic	907467	
34	Seal assy VB cladding	Revetement de asm de joint VB	907742	
35	Lock assembly	Serrure asm	-	Refer to Lock drawing
36	Nozzleboot assembly	Repose buse asm	-	Refer to Nozzleboot drawing



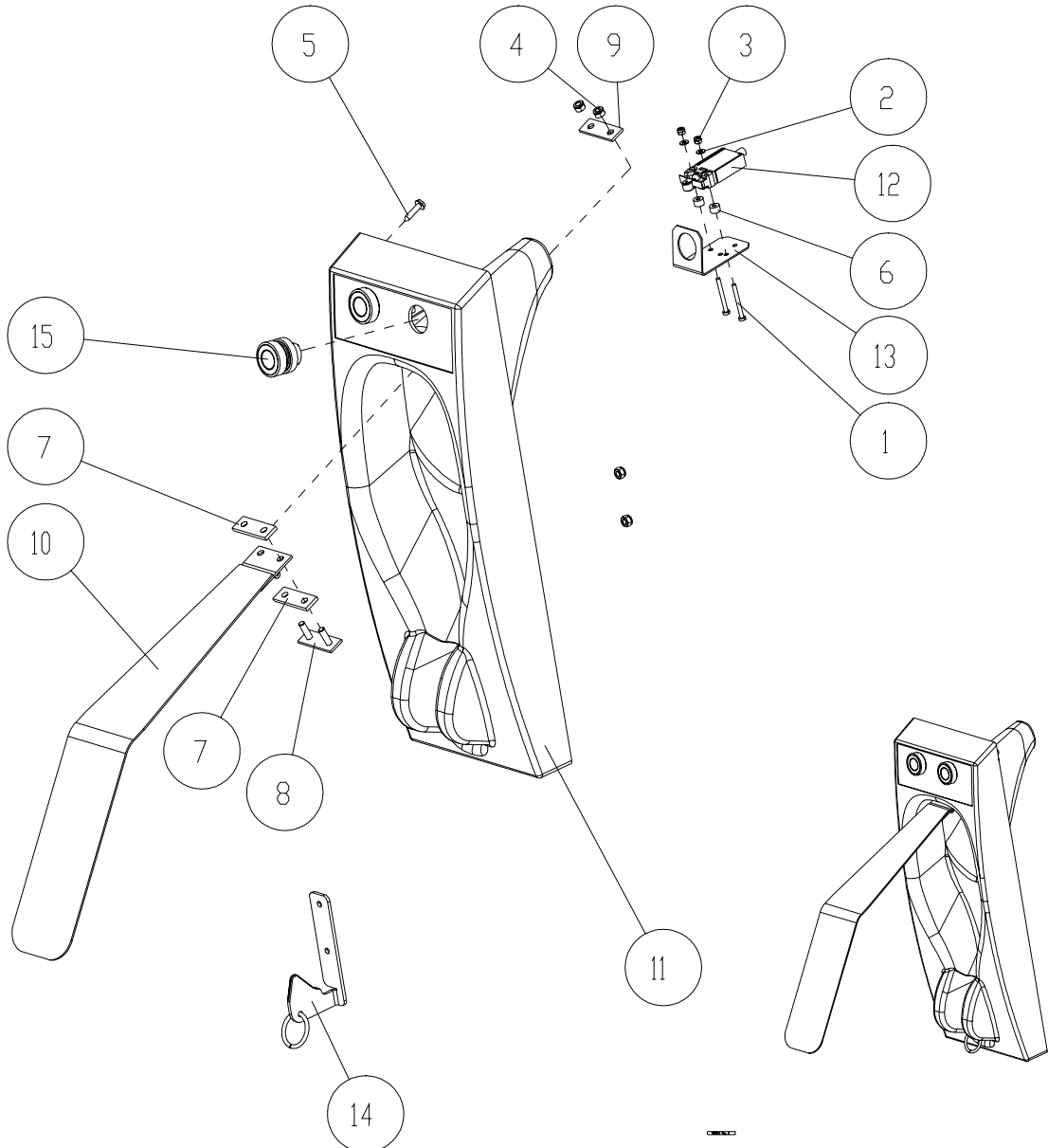
2.3 Lock Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Washer Serr Lock Int M10	Rondelle a Dents DIC M10	900021-001	
2	Nut Hex 3/4 - 24 UNS	Ecrou Hex 3/4 - 24 UNS	900041-001	
3	Cap SOUTHCO 90-2 (Cover)	Bouchon SOUTHCO 90-2 (Chapeau)	900042	
4	Nut Hex M10 x 1.00 For Lock	Ecrou M10 x 1.00 Pour Serrures	900043-001	
5	Cam - lock	Came de serrure	900181	Q100T&200T WWC Calc Head; Q300T Dispenser; Q400T Calc Doors
	Lock Cam Calc Door	Came De Serrure Porte Calc	900985	Q500T & 500T1 Calc Head; Q100T Cecli2 Head
	Lock Cam DIT door	Came de serrure porte DIT	900986	Q500T & 500T1 DIT & Vidium Doors; Q100T&200T Hydraulic Doors; Q400T DIT & Hydraulic Doors
	Lock Cam Top cover	Came de serrure top	900978	Q500T Hydraulic top cover only
	Lock Cam Hydr Door	Came de serrure porte hydr	907495	Q500T1 Hydraulic Door only
6	Lock	Serrure	900389	

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CONTENTS

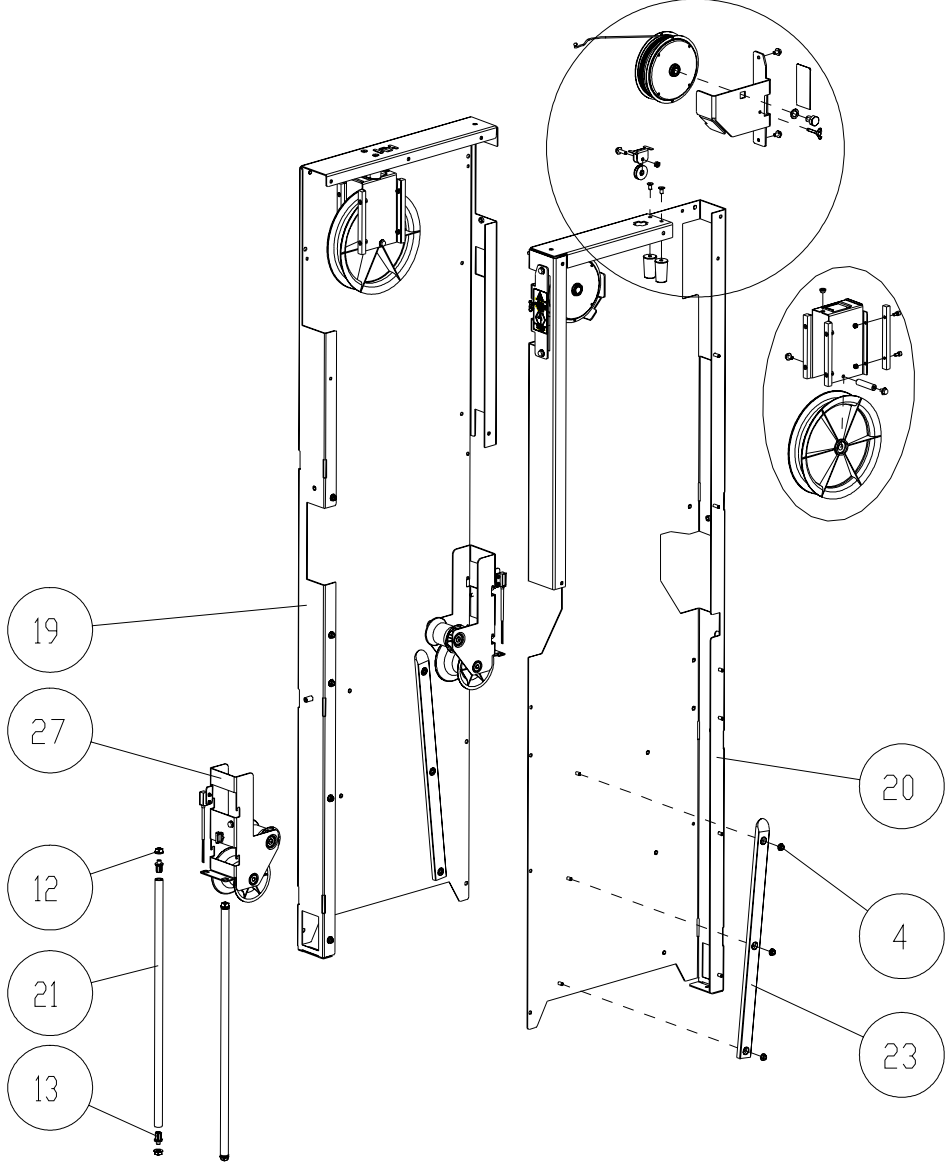
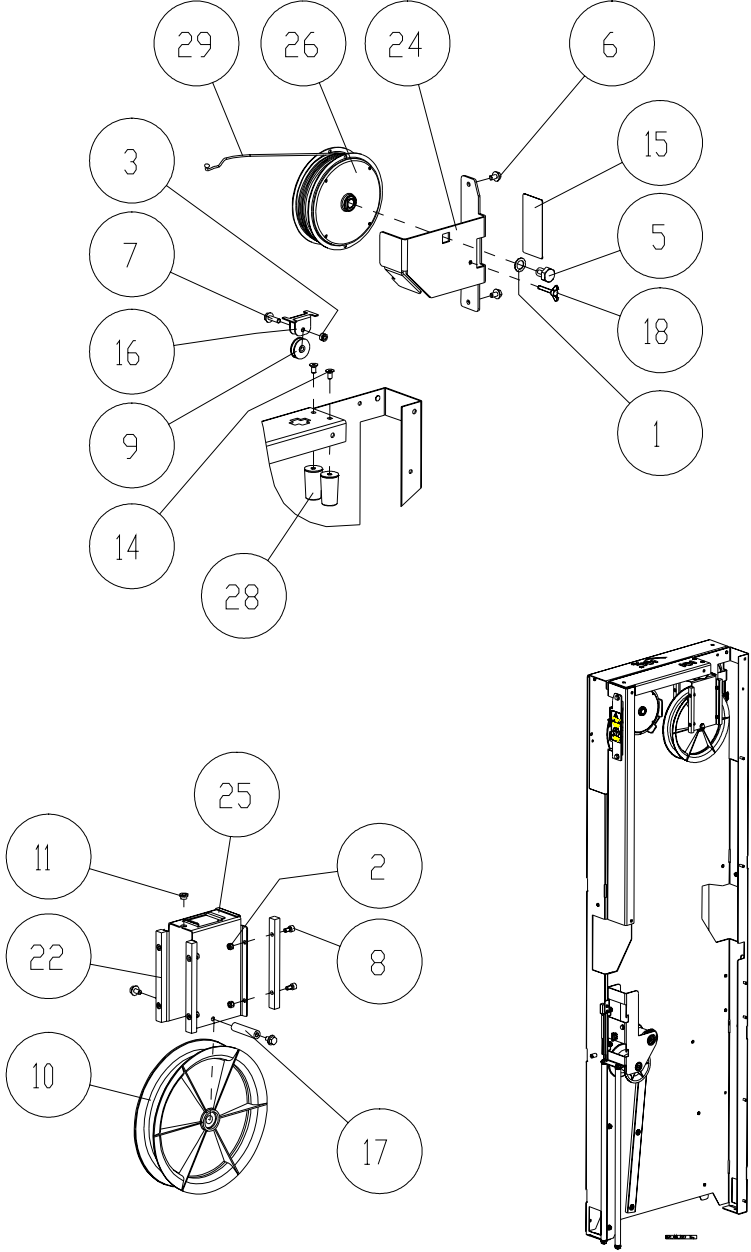
3	HOSE MANAGEMENT	3-2
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3 HOSE MANAGEMENT

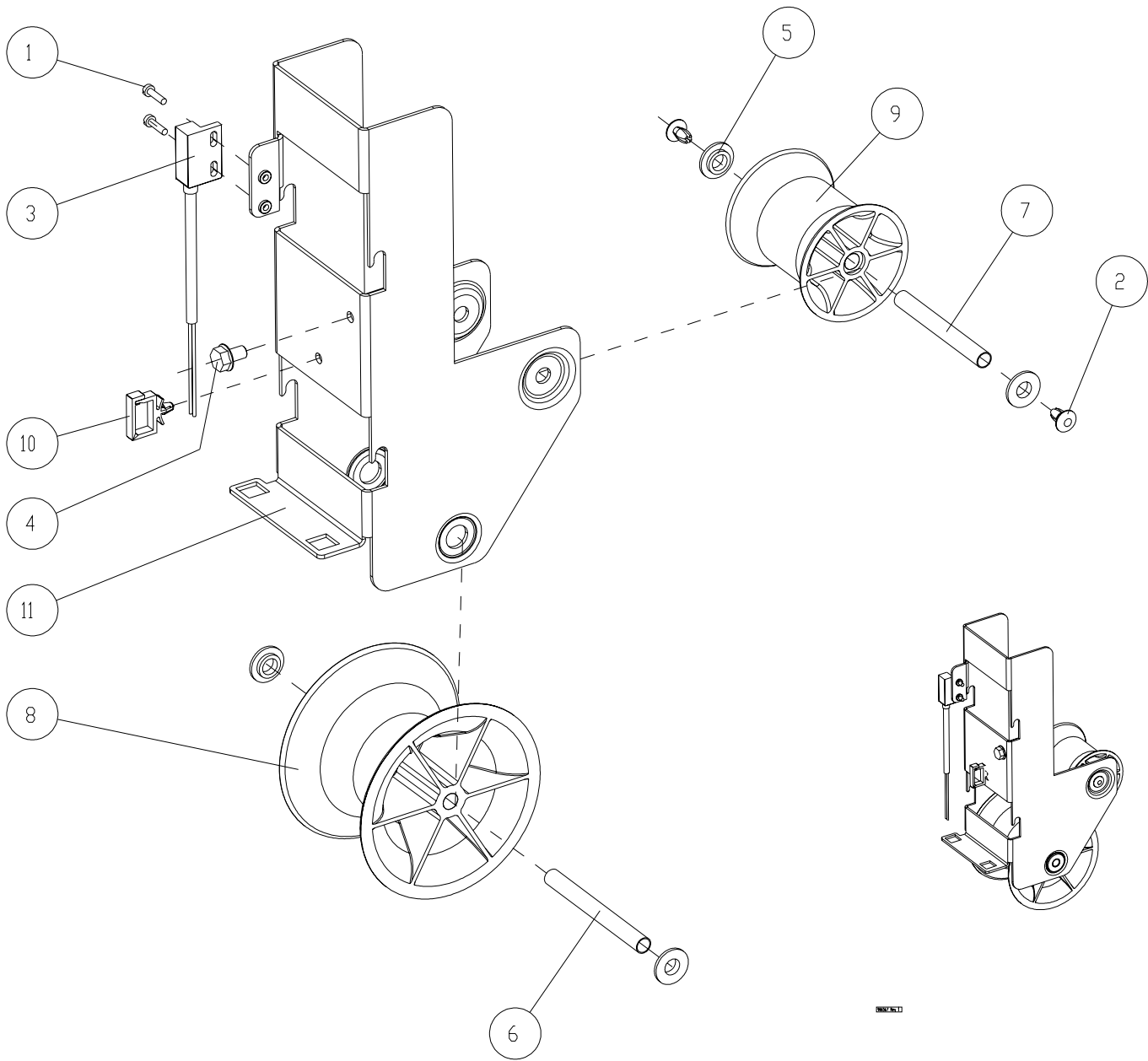
3.1 Nozzle Boot Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M3x30	Vis CS M3x30	900007-015	
2	Washer PI M3	Rondelle PI M3	900008-010	
3	Nut Hex Prev Torque M3	Ecrou Frein M3	900012-001	
4	Nut Hex Prev Torque M5	Ecrou Frein M5	900012-002	
5	Screw HWHT ST4,2x19	Vis Autotaraud Hex ST4,2x19	900020-001	
6	Spacer 3.2x8x5	Entretoise Cyl 3.2x8x5	900024-011	
7	Gasket Prod. Ind. Flap	Joint Etanch Prod Ind Volet	900375	
8	Fixing Plate Prod. Ind. Flap	Plaque Fix Prod Ind Volet	900376	
9	Plate Prod. Ind. Flap	Plaque Supp. Prod Ind Volet	900377	
10	Prod Ind Flap CPL.	Volet Prod Inf CPL.	900379	
11	Nozzle Boot Standard	Repose buse standard	901468	
	Nozzle Boot 2 push buttons	Repose buse 2 boutons	901470	
	Nozzle Boot 1 push button	Repose buse 1 bouton	901471	
	Nozzle Boot + Prod ind flap	Repose buse volet prod ind	901472	
	Nozzle Boot 2 push buttons/flap	Repose buse 2 boutons/volet	901474	
	Nozzle Boot 1 push button/flap	Repose buse 1 bouton/volet	901475	
12	Microswitch	Microrupteur Inverseur	902503-001	
13	Bracket push button	Support bouton poussoir	906783	
14	Nozzle hook with lock ring	Crochet Pistolet Asm avec verrou	906976	
	Nozzle hook with locking ring	Crochet Pistolet avec verrou	906976	
	Nozzle hook assy	Crochet Pistolet Asm	907307	
15	Button Black	Bouton Noir	908603-001	



3.2 Hose Management Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Washer Serr Lock Ext M2	Rondelle a Dents DEC M12	900009-003	
2	Nut Hex Prev Torque M5	Ecrou Frein M5	900012-002	
3	Nut Hex Prev Torque M6	Ecrou Frein M6	900012-003	
4	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
5	Screw HH M12x6	Vis H M12x16	900015-007	
6	Screw HFHSL M6x10	Vis Hex Br Autobl M6x10	900016-003	
7	Screw HFHSL M6x20	Vis Hex Br Autobl M6x20	900016-013	
8	Screw HSHC M5x10	Vis CHC M5x10	900017-013	
9	Ball Bearing Groove (30/6)	Roul Billes Rainure (30 / 6)	900059-001	
10	Hose Wheel 220mm	Poulie flexible 220mm	900494	
11	Bearing 6x9x6	Coussinet 6x9x6	900497-001	
12	Bearing Vertical Roller	Palier de rouleau vertical	900505	
13	Vertical Roller End Plug	Bouchon Roleau Vertical	900506	
14	Screw HSC M6x12	Vis FHC M6x12	900643-001	
15	Sticker for spring drum	Autocollant pour enrouleur asm	901514	
16	Bracket rope roller	Support de rouleau pour corde	901516	
17	Wheel 220 shaft	Axe pour poulie 220 mm	901523	
18	Wing Screw	Vis D Aile	904300	
19	HMS Frame Left Assy	HMS Cadre Gauche Asm	905846	
20	HMS Frame Right Assy	HMS Cadre Droit Asm	905847	
21	Vertical Roller D=16	Rouleau vertical d=25	905976	
22	Guider Moving Wheel Bracket	Support roue d'enrouleur de guide	906247	
23	Vertical End Stop	Vertical arret d'ce extremite	906351	
24	Springdrum Bracket	Support d'enrouleur	906365	
25	Bracket Moving Wheel	Support roue d'enrouleur	906436	
26	Assy Springdrum	Enrouleur asm	906504	
27	Hose Outlet Roller Assy	Rouleau de Sortie Flexible Asm	906567	Refer to Hose Outlet Roller drawing
28	Rubber Buffer	Tampon Caoutch	906658	
29	Rope Spring Drum L=1.9m	Corde d'enrouleur L=1.9mt	907963	



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Issue A

3.3 Hose Outlet Roller Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M3x12	M3 x 12 VIS CS / CLS	900007-010	
2	Rivet Rokut	Rivet Expansion	900022-001	
3	Magnetic Proximity Switch	Contact magnetiq.de proximité	900387-001	
4	Screw HFHTF M6x10	Vis Hex. Taraudeuse M6x10	900708-001	
5	Insulation sleeve 8.2 mm	Manchon isolant 8.2 mm	900758-003	
6	Roller Axis L= 79 mm	Axe de Rouleau L = 79 mm	901501	
7	Roller Axis L= 71 mm	Axe de Rouleau L = 71 mm	901510	
8	Large HMS Wheel (Moulded)	Roue HMS grand (moule)	902901	
9	Small HMS wheel (moulded)	Petit HMS roue (moule)	902948	
10	Cable clip square	Fixation cable carre	906288	
11	Bracket Outlet Roller Assy	Support Rouleau de sortie Asm	907326	

3.4 Hoses



3.4.1 ELAFLEX HOSES

HOSE LENGTH 417CM

Part No	Description	Désignation Français	Comments
901103-161	Ø16cm, Slim, 417cm, Black, Black noz & col sleeve	Ø16cm, Slim, 417cm, Noir, Manchon buse & col noir	
901103-162	Ø21cm, Slim, 417cm, Black, Black noz & col sleeve	Ø21cm, Slim, 417cm, Noir, Manchon buse & col noir	
901103-163	Ø21cm, VR, 417cm, Black, Black noz & col sleeve	Ø21cm, RV, 417cm, Noir, Manchon buse & col noir	VR hose
901103-164	Ø16cm, Slim, 417cm, Black, Black noz & col sleeve	Ø16cm, Slim, 417cm, Noir, Manchon buse & col noir	Low temperature
901103-165	Ø21cm, Slim, 417cm, Black, Black noz & col sleeve	Ø21cm, Slim, 417cm, Noir, Manchon buse & col noir	Low temperature
901103-166	Ø21cm, VR, 417cm, Black, Black noz & col sleeve	Ø21cm, RV, 417cm, Noir, Manchon buse & col noir	VR & Low temperature
901103-167	Ø16cm, Slim, 417cm, Black, Black noz & col sleeve	Ø16cm, Slim, 417cm, Noir, Manchon buse & col noir	Bio Diesel
901103-168	Ø21cm, Slim, 417cm, Black, Black noz & col sleeve	Ø21cm, Slim, 417cm, Noir, Manchon buse & col noir	Bio Diesel
901103-173	Ø16cm, Std, 417cm, Red, Black noz & col sleeve	Ø16cm, Std, 417cm, Rouge, Manchon buse & col noir	
901103-174	Ø16cm, Std, 417cm, Green, Black noz & col sleeve	Ø16cm, Std, 417cm, Verte, Manchon buse & col noir	
901103-175	Ø16cm, Std, 417cm, Blue, Black noz & col sleeve	Ø16cm, Std, 417cm, Bleu, Manchon buse & col noir	
901103-176	Ø16cm, Std, 417cm, Yellow, Black noz & col sleeve	Ø16cm, Std, 417cm, Jaune, Manchon buse & col noir	
901103-177	Ø21cm, VR, 417cm, Red, Black noz & col sleeve	Ø21cm, RV, 417cm, Rouge, Manchon buse & col noir	
901103-178	Ø21cm, VR, 417cm, Green, Black noz & col sleeve	Ø21cm, RV, 417cm, Verte, Manchon buse & col noir	

3.5 Nozzles

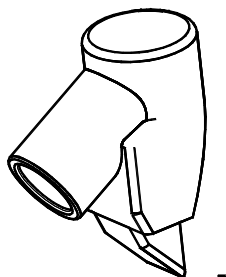
3.5.1 ELAFLEX NOZZLES



Part No	Description	Désignation Français
901135-036	Std speed, unleaded, BS7117 break, male, magnet in guard	Débit std, sans plomb, BS7117 racc cass, mâle, aimant dans la garde
901135-037	Std speed, leaded, BS7117 break, male, magnet in guard	Débit std, plomb, BS7117 racc cass, mâle, aimant dans la garde
901135-038	Vapour recovery, on/off, unleaded, magnet in guard	GRV3, sans plomb, aimant dans la garde
901135-039	Vapour recovery, on/off, leaded, magnet in guard	GRV3, plombe, aimant dans la garde
901135-040	Dripcatcher, BS7117 break, male coupling, magnet in guard	Dripcatcher, BS7117 racc cass, racc mâle, aimant dans la garde
901135-042	Std speed, unleaded, male coupling, magnet in guard	Débit std, sans plomb, raccord mâle, aimant dans la garde
901135-043	Std speed, leaded, male coupling, magnet in guard	Débit std, plombe, raccord mâle, aimant dans la garde
901135-044	ZVA 25, magnet in guard	ZVA 25, aimant dans la garde
901135-045	Dripstop, male coupling, magnet in guard	Dripstop, raccord mâle, aimant dans la garde
901135-046	Dripcatcher, male coupling, magnet in guard	Dripcatcher, raccord mâle, aimant dans la garde
901135-047	ZVA 25, BS7117 break, magnet in guard	ZVA 25, BS7117 racc cass, aimant dans la garde
901135-048	Dripstop, BS7117 break, male coupling, magnet in guard	Dripstop, BS7117 racc cass, racc mâle, aimant la garde
901135-049	GRVP, leaded, magnet in guard	GRVP, plombe, aimant dans la garde
901135-050	GRVP, unleaded, magnet in guard	GRVP, sans plomb, aimant dans la garde
901135-051	Vapour recovery, (no on/off), leaded, magnet in guard	GR, plombe, aimant dans la garde
901135-052	Vapour recovery, (no on/off), unleaded, magnet in guard	GR, sans plomb, aimant dans la garde
901135-053	Std speed, unleaded, male, light blue grip, magnet in guard	Débit std, sans plomb, mâle, poigne bleu clair, aimant dans la garde
901135-054	Std speed, unleaded, BS7117 break, male, light blue grip, magnet in	Débit std, sans plomb, BS7117, mâle, poigne bleu clair, aimant dans
901135-055	Vapour recovery, light blue grip, magnet in guard	GRV3, poigne bleu clair, aimant dans la garde
901135-056	Dripstop, dark blue grip & noz cover, magnet in guard	Dripstop, poigne & cap buse bleu foncé, aimant dans la garde
901135-057	Dripstop, BS7117 break, dark blue grip & noz cover, magnet in guard	Dripstop, rac femelle, poigne & cap buse bleu foncé, aimant dans la

3.6 Nozzle Extras

3.6.1 NOZZLE COVERS



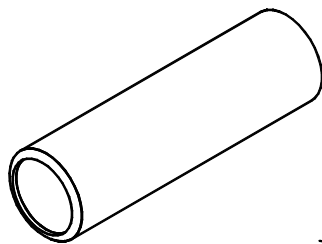
Elaflex Nozzle Covers

Part No	Description	Désignation Français
901136-001	Cover Nozzle EK144 Red	Capuchon Buse EK144 Rouge
901136-002	Cover Nozzle EK144 Green	Capuchon Buse EK144 Vert
901136-003	Cover Nozzle EK144 Light Green	Capuchon Buse EK144 Vert Clair
901136-004	Cover Nozzle EK144 Blue	Capuchon Buse EK144 Bleu
901136-005	Cover Nozzle EK144 Yellow	Capuchon Buse EK144 Jaune
901136-006	Cover Nozzle EK144 Black	Capuchon Buse RV EK144 Noir
901136-007	Cover VR Nozzle EK104 Black	Capuchon Buse RV EK104 Noir
901136-008	Cover VR Nozzle EK104 Red	Capuchon Buse RV EK104 Rouge
901136-009	Cover VR Nozzle EK104 Green	Capuchon Buse RV EK104 Vert
901136-010	Cover VR Nozzle EK104 Blue	Capuchon Buse RV EK104 Bleu
901136-011	Cover VR Nozzle EK104 Yellow	Capuchon Buse RV EK104 Jaune
901136-012	Cover VR Nozzle EK104 Light Green	Capuchon Buse RV EK104 Vert Clair
901136-013	Cover Nozzle EK144 Silver/Grey	Capuchon Buse EK144 Argent/Gris
901136-014	Cover VR Nozzle EK104 Silver/Grey	Capuchon Buse RV EK104 Argent/Gris
901136-015	Cover Nozzle EK144 Orange	Capuchon Buse EK144 Orange
901136-016	Cover VR Nozzle EK104 Orange	Capuchon Buse RV EK104 Orange
901136-017	Cover Nozzle EK144 Light Blue	Capuchon Buse RV EK144 Bleu Clair
901136-018	Cover VR Nozzle EK104 Light Blue	Capuchon Buse RV EK104 Bleu Clair

OPW Nozzle Covers

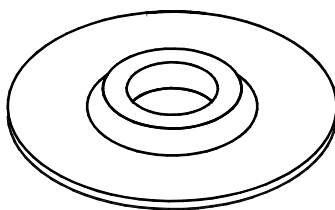
Part No	Description	Désignation Français
901853-001	Nozzle Cover OPW/19/Hole/Yellow	Protecteur de Buse OPW/19/Hole/Jaune
901853-002	Nozzle Cover OPW/19/Hole/Green	Protecteur de Buse OPW/19/Hole/Vert
901853-003	Nozzle Cover OPW/19/Hole/Red	OPW/19/Hole/Rouge
901853-004	Nozzle Cover OPW/19/Hole/Blue	Protecteur de Buse OPW/19/Hole/Bleu
901853-005	Nozzle Cover OPW/19/Hole/Black	Protecteur de Buse OPW/19/Hole/Noir
901853-006	Nozzle Cover OPW/19/No Hole/Yellow	Hole/Jaune
901853-007	Nozzle Cover OPW/19/Nohole/Green	OPW/19/Nohole/Vert
901853-008	Nozzle Cover OPW/19/Nohole/Red	OPW/19/Nohole/Rouge
901853-009	Nozzle Cover OPW/19/Nohole/Blue	OPW/19/Nohole/Bleu
901853-010	Nozzle Cover OPW/19/Nohole/Black	OPW/19/Nohole/Noir
901853-011	Nozzle Cover OPW/25/Hole/Black	Protecteur de Buse OPW/25/Hole/Noir
901853-012	Nozzle Cover OPW/25/Nohole/Black	OPW/25/Nohole/Noir

3.6.2 SLEEVES

**Elaflex Sleeves**

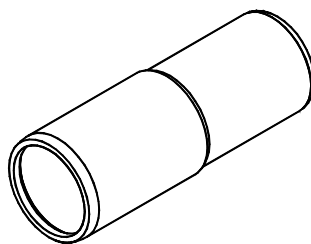
Part No	Description	Désignation Français
901107-001	Sleeve ST16 Red	Gaine Flex ST16 Rouge
901107-002	Sleeve ST16 Green	Gaine Flex ST16 Verte
901107-003	Sleeve ST16 Blue	Gaine Flex ST16 Bleue
901107-004	Sleeve ST16 Yellow	Gaine Flex ST16 Jaune
901107-005	Sleeve ST16 Black	Gaine Flex ST16 Noire
901107-006	Sleeve ST21 Red	Gaine Flex Coax ST21 RV Rouge
901107-007	Sleeve ST21 Green	Gaine Flex Coax ST21 RV Verte
901107-008	Sleeve ST21 Blue	Gaine Flex Coax ST21 RV Bleue
901107-009	Sleeve ST21 Black	Gaine Flex Coax ST21 RV Noire
901107-010	Sleeve ST21 Yellow	Gaine Flex Coax ST21 RV Jaune
901107-011	Sleeve ST16 Silver/Grey	Gaine Flex Coax ST16 Argent/Gris
901107-012	Sleeve ST21 Silver/Grey	Gaine Flex Coax ST21 RV Argent/Gris
901107-013	Sleeve ST16 Orange	Gaine Flex Coax ST16 Orange
901107-014	Sleeve ST21 Orange	Gaine Flex Coax ST21 RV Orange

3.6.3 SPLASHGUARDS

**Elaflex Splashguards**

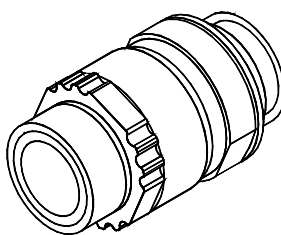
Part No	Description	Désignation Français
901138-001	Splashguard Red	Rondelle Anti Egoutture Rouge
901138-002	Splashguard Green	Rondelle Anti Egoutture Verte
901138-003	Splashguard Blue	Rondelle Anti Egoutture Bleu
901138-004	Splashguard Yellow	Rondelle Anti Egoutture Jaune
901138-005	Splashguard Black	Rondelle Anti Egoutture Noire
901138-006	Splashguard Ultimate Unleaded VR	Rondelle Anti Egout. Ultime Sans Plomb
901138-007	Splashguard Ultimate Unleaded non-VR	Rondelle Anti Egout. Ultime Sans Plomb
901138-008	Splashguard Ultimate Diesel	Rondelle Anti Egoutture Ultime Diesel

3.6.4 SLEEVE BREAKS

**Elaflex Sleeve Breaks**

Part No	Description	Désignation Français
901140-001	Sleeve Break BT16 Red	Gaine Flex Rac Cass BT16 Rouge
901140-002	Sleeve Break BT16 Green	Gaine Flex Rac Cass BT16 Vert
901140-003	Sleeve Break BT16 Blue	Gaine Flex Rac Cass BT16 Bleu
901140-004	Sleeve Break BT16 Yellow	Gaine Flex Rac Cass BT16 Jaune
901140-005	Sleeve Break BT16 Black	Gaine Flex Rac Cass BT16 Noir
901140-006	Sleeve Break BT21 Red	Gaine Flex Rac Cass BT21 Rouge
901140-007	Sleeve Break BT21 Green	Gaine Flex Rac Cass BT21 Vert
901140-008	Sleeve Break BT21 Black	Gaine Flex Rac Cass BT21 Noir
901140-009	Sleeve Break BT21 Blue	Gaine Flex Rac Cass BT21 Bleu
901140-010	Sleeve Break BT21 Yellow	Gaine Flex Rac Cass BT21 Jaune
901140-011	Sleeve Break BT16 Silver/Grey	Gaine Flex Rac Cass BT16 Argent/Gris
901140-012	Sleeve Break BT21 Silver/Grey	Gaine Flex Rac Cass BT21 Argent/Gris
901140-013	Sleeve Break BT16 Orange	Gaine Flex Rac Cass BT16 Orange
901140-014	Sleeve Break BT21 Orange	Gaine Flex Rac Cass BT21 Orange

3.6.5 BREAK COUPLINGS

**Elaflex Break Couplings**

Part No	Description	Désignation Français
901137-001	Break Coupling BS7117	Raccord Cassant BS7117
901137-002	Break Coupling Non BS7117	Raccord Cassant Non BS7117
901568-001	Break Coupling VR	Raccord Cassant RV

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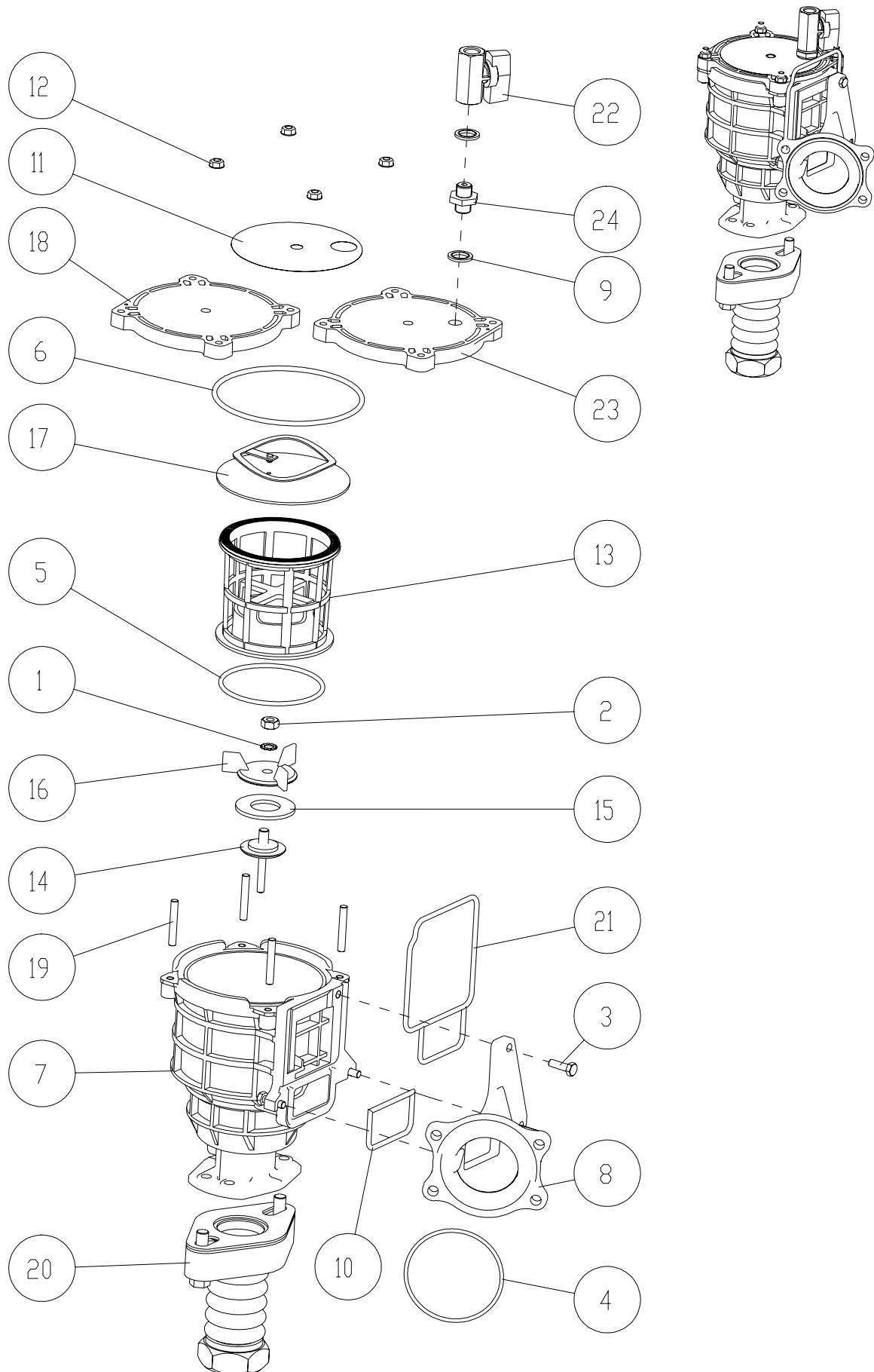
EPZ INTERNAL
FILTER



4 DISPENSER HYDRAULICS

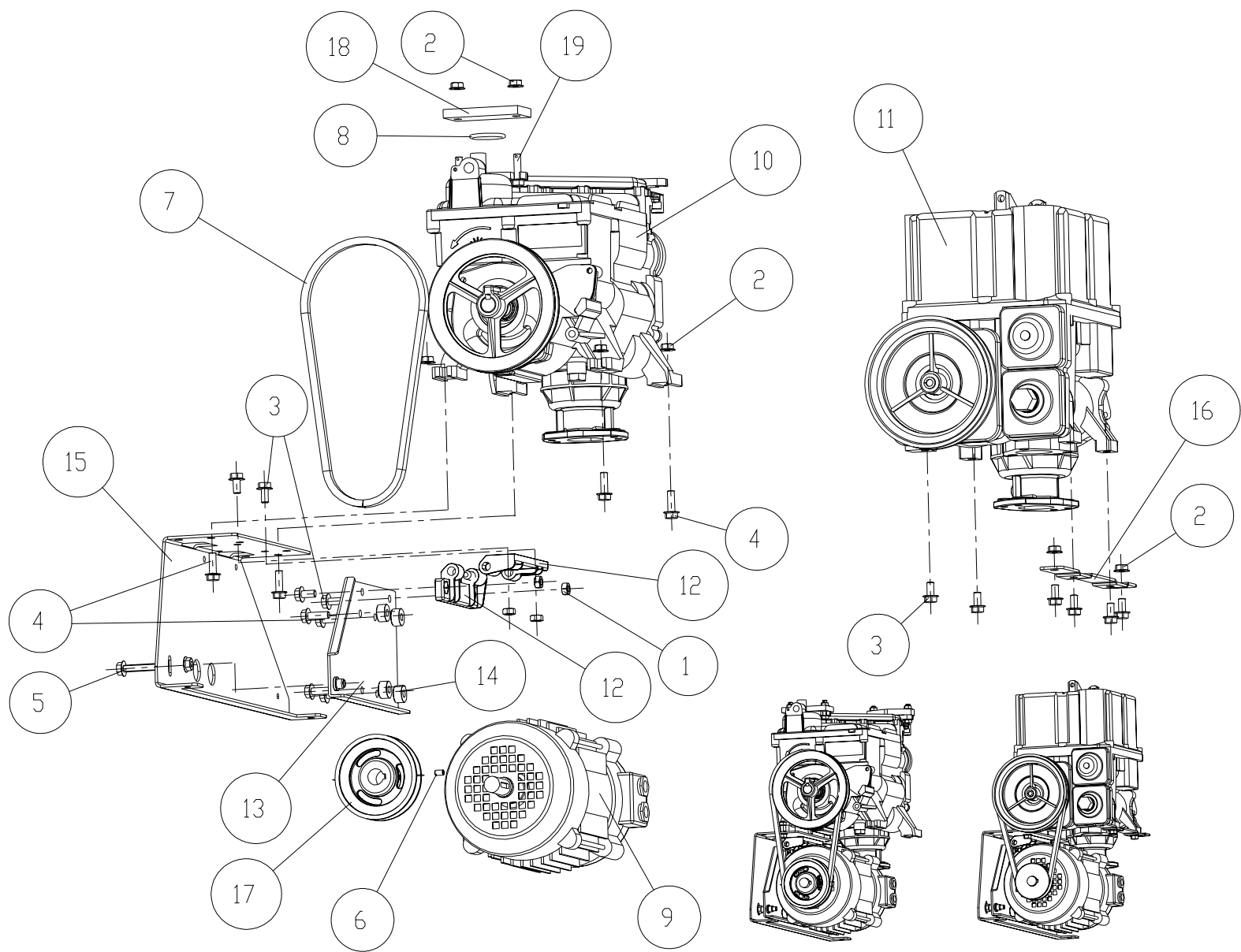
4.1 Flexible Connections

Item No	Description	Désignation Français	Part No	Comments
1	Screw HFHSL M8x30	Vis Hex Br Autobl M8x30	900016-008	
2	Screw HFHSL M10x30	Vis Hex Br Autobl M10x30	900016-017	
3	Screw HFHSL M10x40	Vis Hex Br Autobl M10x40	900016-018	
4	O-ring 49.00x6.00	Joint Torique 49.00x6.00	900050-028	
5	Shear valve	Raccord Cassant	901108	
6	Pipe flex weld assembly	Tube d'aspiration soude	901900	
	Flex Coup 1.5" O'ring P1/3 Q4T	Flex. Conn 1.5 O'ring P1/3 Q4T	904904	Q400T only - 325mm length
	Flex Coup 1.5" O'ring P2/4 Q4T	Flex Conn 1.5" O'ring P2/4 Q4T	904905	Q400T only - 207mm length
7	Terminal earth cable	Collier de masse D60	901903	
8	Earthwire	Fil de mise a la terre	901904	
9	Gasket - Flange 76-84	Joint de bride 76-84	901905	
10	Flange backing for O-ring	Contre-bride pour joint torique	901906	
11	Assy flexwell 1 1/2" female	Tube d'aspiration soude 1 1/2" femelle	901929	
	Assy flexwell 1/2" female	Tube d'aspiration soude 1 1/2" femelle	906277	Q400T only - 207mm length
	Assy flexwell 1 1/2" female	Tube d'aspiration soude 1 1/2" femelle	906280	Q400T only - 325mm length
	Inst Kit Flex 1 1/2" BSPP 2/4 male	Tube d'aspiration soude BSPP 2/4 male	905092	Q400T only - 281mm length
	Inst Kit Flex 1 1/2" BSPP 1/3 male	Tube d'aspiration soude BSPP 1/3 male	905093	Q400T only - 208mm length
12	Gasket - Flange 82-110	Joint de bride 82-110	901930	
13	R11/2" x R11/2" Nipple	Machon R11/2" x R11/2"	902212-002	
14	R11/2" x R2" Nipple	Machon R11/2" x R2"	902212-003	
15	Nut - NEFIT coupling	Ecrou raccord NEFIT	902863	
16	Body - NEFIT coupling	Corps raccord NEFIT	902864	
17	Washer - NEFIT seal	Rondelle joint NEFIT	902865	
18	Sealing ring - NEFIT coupling	Joint raccord NEFIT	902866	
19	Top Hat Filter (inline)	Filtre "top hat"	902964	UK Option
20	Socket M/F 11/2" x 2"	Machon M/F 11/2" x 2"	903466-001	
21	Pipe NEFIT adaptor	Tube connexion NEFIT	903583	
	Pipe NEFIT adaptor Q400T	Tube connexion NEFIT Q400T	904849	Q400T only
22	O-Ring 37,47x5,33	Joint Torique 37,47x5,33	900050-047	EPZ Internal Filterbox option
23	Junction flange	Bride de jonction	903535	EPZ Internal Filterbox option
24	1 1/2" Flexwell Pipe Assy 380mm	1 1/2" Flexwell Tube Assy 380mm	906639	EPZ Internal Filterbox option



4.2 Filter Assembly

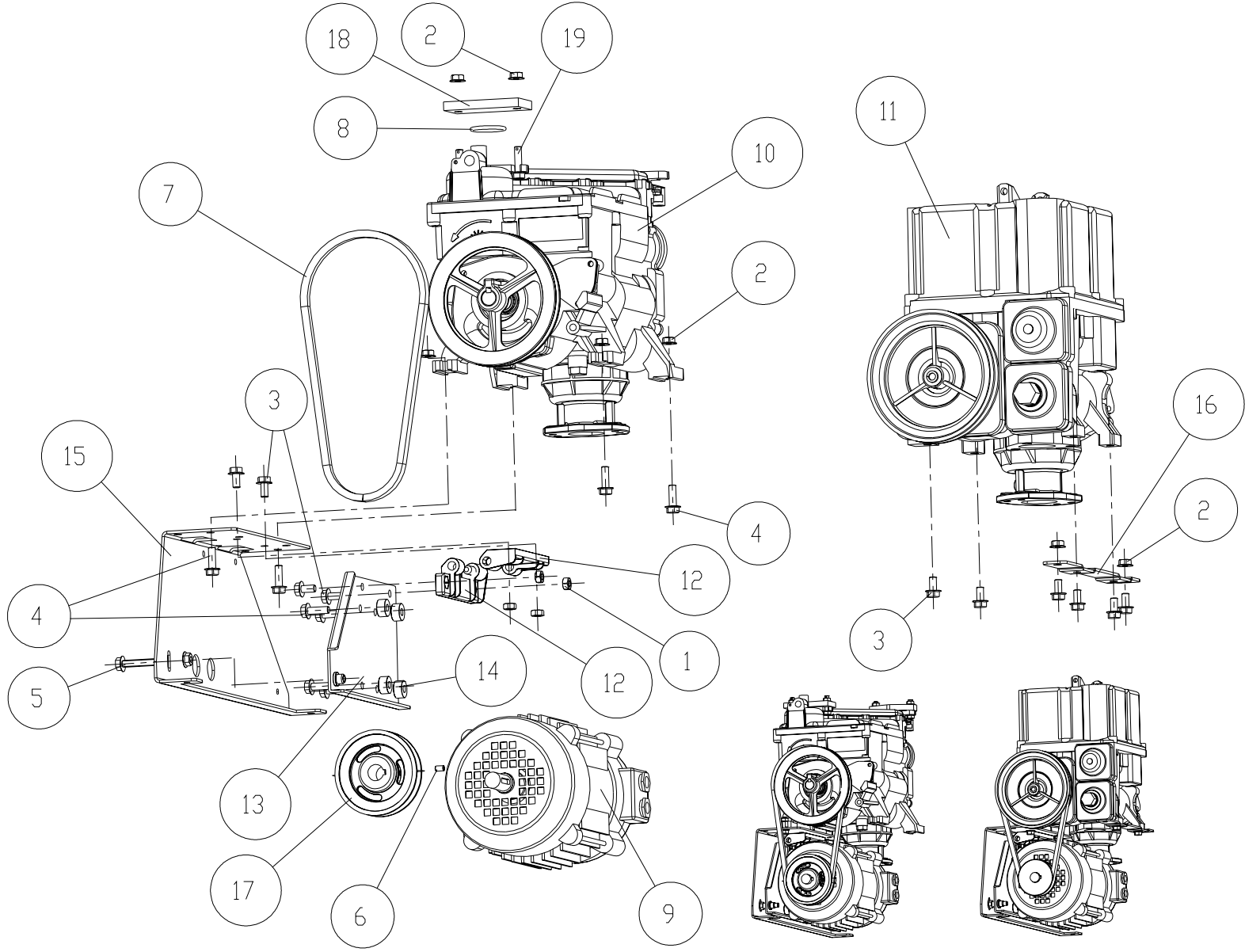
Item	Description	Désignation Français	Part No	Comments
1	Washer Serr Lock Ext M8	Rondelle a Dents DEC M8	900009-002	
2	Nut Hex M8	Ecrou H M8	900011-003	
3	Screw HH M6x20	Vis H M6x20	900015-010	
4	O-Ring 78.00x3.00	Joint Torique 78.00x3.00	900050-008	
5	O-Ring 82.14x3.53	Joint Torique 82.14x3.53	900050-025	
6	O-Ring 120.00x4.00	Joint Torique 120.00x4.00	900050-027	
7	Filterbox - EPZ	Boite de filtre - EPZ	900324	EPZ
	Filterbox - PAS V3	Boite de filtre - PAS V3	902398	PAS V3
8	Adaptor EPZ - filterbox	Adaptateur EPZ - boite de filtre	900358	
9	Dowty Seal self centre 1/4" BS	Dowty joint torique 1/4" BSP	900450-001	Filter monitor option
10	O-ring filterbox	Joint boite de filtre	900635	EPZ
11	Sticker filterbox cover	Autocollant couvercle boite de	900636	
12	Nut Hex Serpress M6	Ecrou Serpress M6	901295-001	
13	Filter 90 microns	Filtre 90 microns	901612	
	Filter 12 microns	Filtre 12 microns	901613	
	Filter 25 microns	Filtre 25 microns	901614	
14	Foot valve guide	Guide clapet	901690	
15	Foot valve flat seal	Joint de clapet	901691	
16	Foot valve head	Tete clapet	901692	
17	Spring plate	Plaque supp Equipee	901693	
18	Filter box cover	Couvercle boite de filtre	901694	
19	Stud M6x40 (18-4-18)	Goujon M6x40 (18-4-18)	901695	
20	Flexible connections assy	Connexions flexibles asm	-	Refer to Flexi drawing
21	O-ring filterbox support	Joint platine BAF	902388	PAS V3
22	Valve - Ball (Mini)	Vanne Spherique (Mini)	903472-001	Filter monitor option
23	Cover - adapted filter lid	Couvercle - adapte filtre	903473	Filter monitor option
24	Assy - check valve	Asm - clapet anti-retour	903478	Filter monitor option



4.3 Pump and Motor Assembly

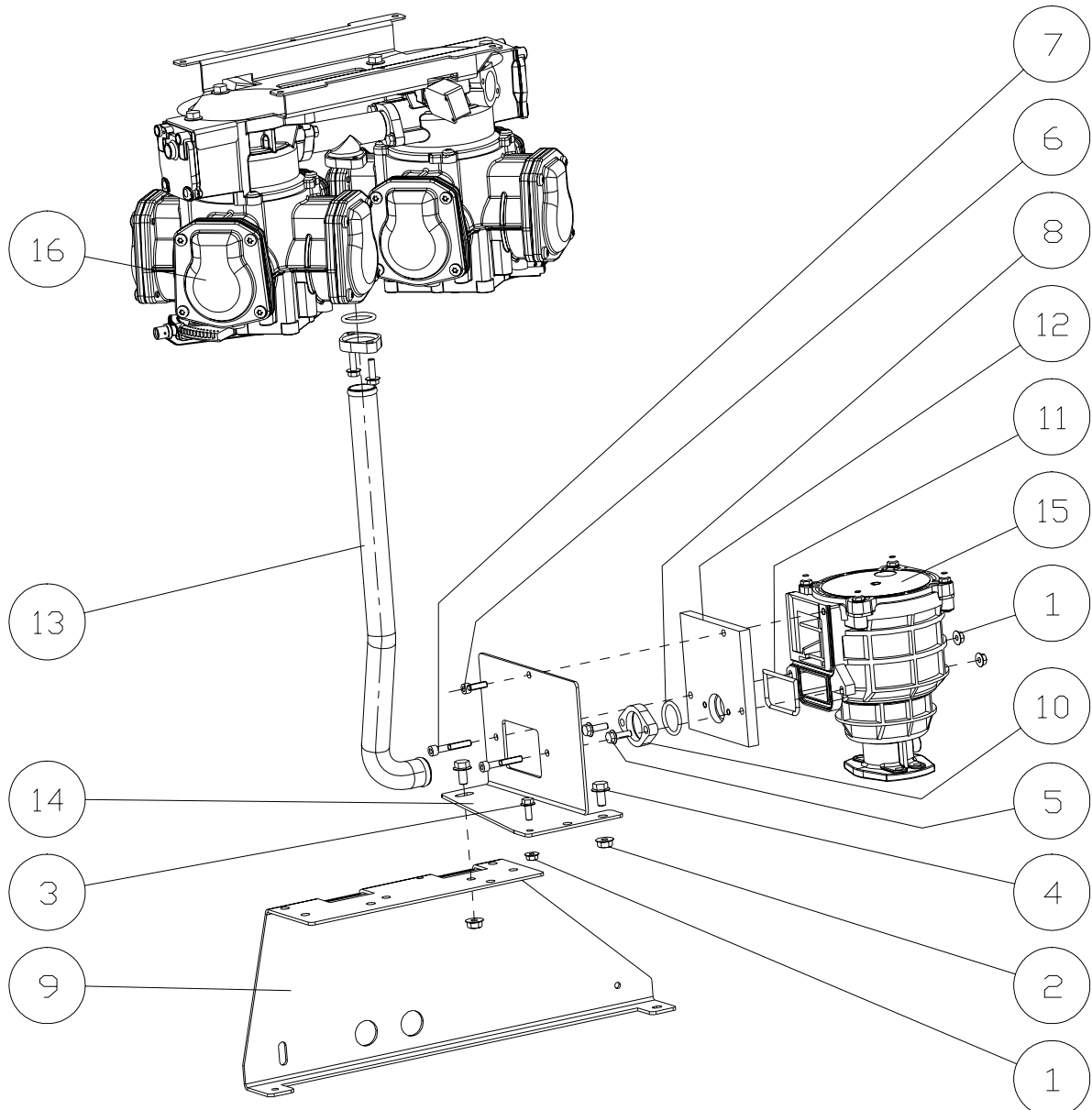
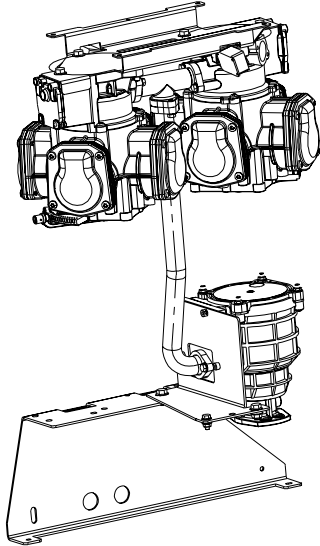
Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex M8	Ecrou H M8	900011-003	
2	Nut Hex Self Lock M8	Ecrou Bride Autobloquant M8	900013-004	
3	Screw HFHSL M8x16	Vis Hex Br Autobl M8x16	900016-006	
4	Screw HFHSL M8x25	Vis Hex Br Autobl M8x25	900016-007	
5	Screw HFHSL M8x35	Vis Hex Br Autobl M8x35	900016-015	
6	Screw HSS Cup Point M6x10	Vis HCCU M6x10	900019-001	
7	V-Belt - 13 x 8 x 684	Courroie - 13 x 8 x 684	900028-003	EPZ
	V-Belt - 13 x 8 x 760	Courroie - 13 x 8 x 760	900028-004	PAS V3 (80 l/min)
	V-Belt - 13 x 8 x 720	Courroie - 13 x 8 x 720	900028-005	PAS V3 (130 l/min)
8	O-Ring 34.00x4.00	Joint Torique 34.00x4.00	900050-002	
9	3 Phase Motor EXD 1kW Star 400V 12clk	Moteur 3 phase EXD 1kW Star 400V 12clk	900060-002	EPZ or PAS V3 (80 l/min)
	3 Phase Motor EXD 1.5kW Star 400V 12clk	Moteur 3 phase EXD 1.5kW Star 400V 12clk	900060-003	PAS V3 (130 l/min)
	3 Phase Motor EXD 1kW Delta 400V 12clk	Moteur 3 phase EXD 1kW Delta 400V 12clk	900068-002	EPZ or PAS V3 (80 l/min)
	3 Phase Motor EXD 1.5kW Delta 400V 12clk	Moteur 3 phase EXD 1.5kW Delta 400V 12clk	900068-003	PAS V3 (130 l/min)
	Motor single phase 1kW CW	Moteur 1 phase 1kW CW	903079-001	EPZ
	Motor Single Phase 1kW CCW	Moteur 1 phase 1kW CCW	903079-002	PAS V3
	Single Phase Elnor 1.5KW Motor CCW	Moteur 1 phase Elnor 1.5K CCW	903173	PAS V3
10	PAS V3 pump	PAS V3 pompe	900359	
11	EPZ pump (external filterbox)	EPZ pompe (filtre exterieur)	900360	With external filterbox
	EPZ pump (Flex connection)	EPZ pompe (connexion flex)	906544	With internal filter
	EPZ pump (No filter)	EPZ pompe (sans filtre)	901704	Without filter
12	Hinge assembly	Charnière assemblée	900393	
	Modified Hinge assembly	Assemblée de Charnière modifiée	903174	Hinge for single phase motor
13	Bracket assembly - motor	Support moteur assemblé	900395	
14	Spacer - motor	Entretoise moteur	900396	EPZ & PAS V3 (80 l/min) Star/Delta

(Cont.)



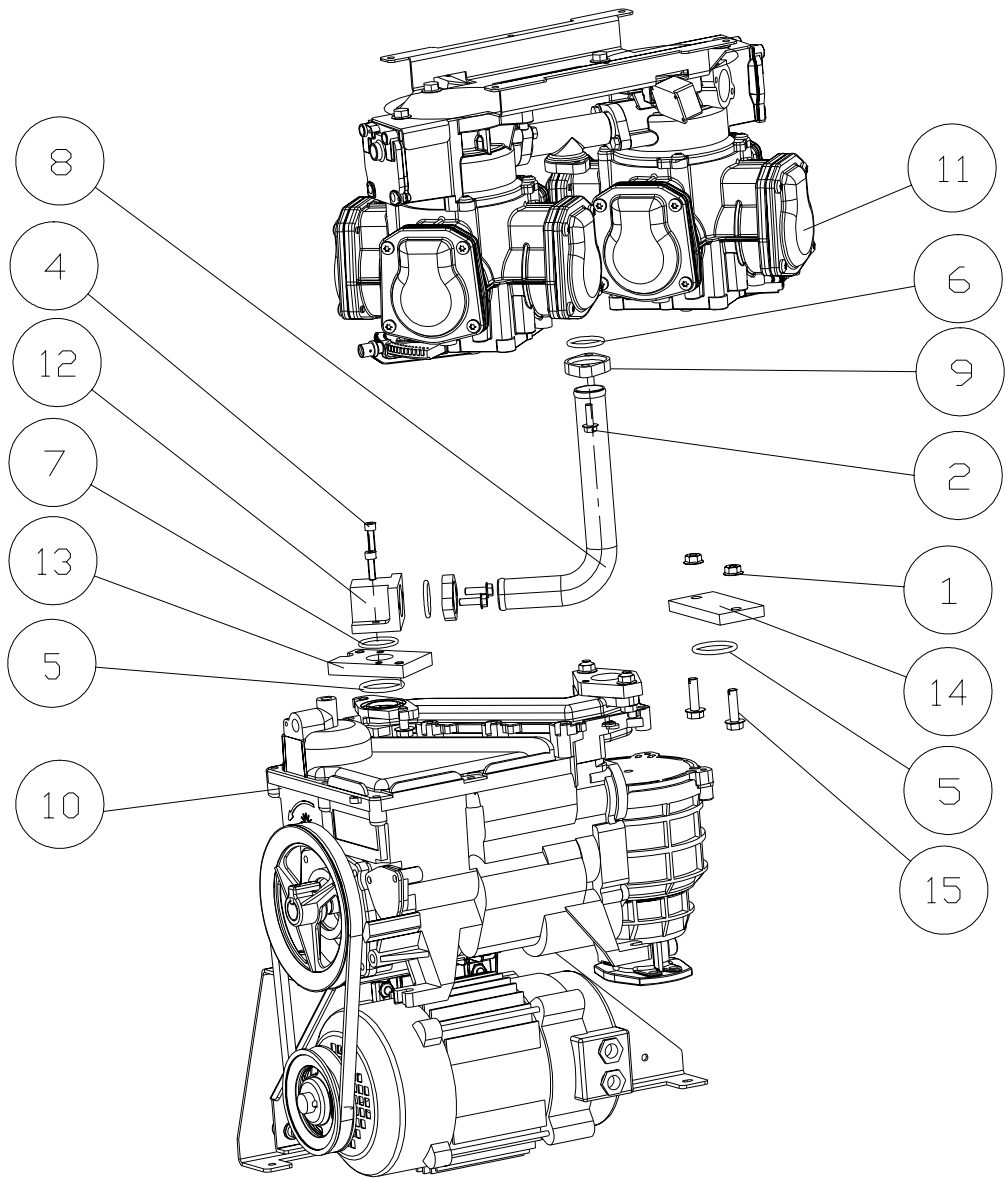
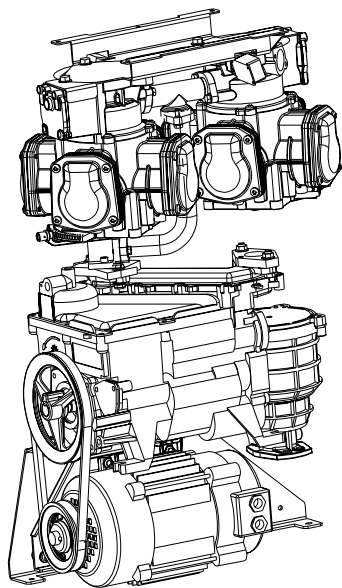
4.3 Pump and Motor Assembly (Cont.)

Item No	Description	Désignation Français	Part No	Comments
15	Bracket - pump	Support pompe	900397	Q400T Dispenser only
	Bracket - pump Q400T	Support pompe Q400T	904280	
16	Adaptor for EPZ75 fixation	Adaptateur fixation EPZ75	900712	
17	Pulley motor Dp68mm incl screw	Poulie moteur Dp68mm avec vis	905839	EPZ
	Pulley motor Dp95mm incl screw	Poulie moteur Dp95mm avec vis	901465	PAS V3 (80 l/min)
	Pulley motor Dp71mm incl screw	Poulie moteur Dp71mm avec vis	901466	PAS V3 (130 l/min)
18	Plate - blanking PAS V3	Plaque d'obturation PAS V3	901723	
19	Screw sealing M8x30	Vis de plombage M8x30	902005	



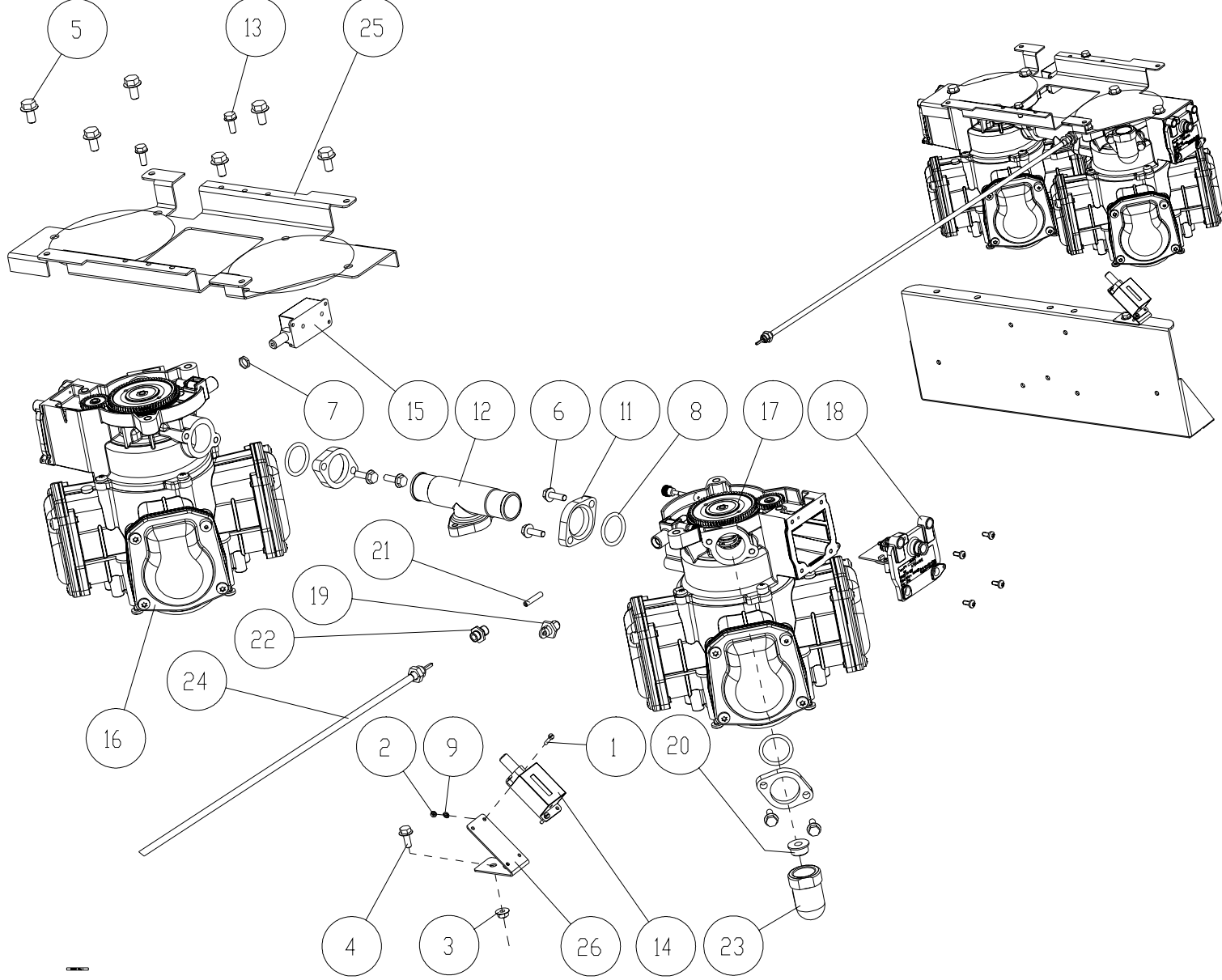
4.4 Inlet to Meter (Submerged Standard) Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
2	Nut Hex Self Lock M8	Ecrou Bride Autobloquant M8	900013-004	
3	Screw HFHSL M6x16	Vis Hex Br Autobl M6x16	900016-004	
4	Screw HFHSL M8x16	Vis Hex Br Autobl M8x16	900016-006	
5	Screw HFHSL M6x20	Vis Bride Hex Autobloq M6x20	900016-013	
6	Screw HSHC M6x20	Vis CHC M6x20	900017-006	
7	Screw HSHC M6x40	Vis CHC M6x40	900017-009	
8	O-Ring 27.80x3.60	Joint Torique 27.80x3.60	900050-016	
9	Bracket - pump	Support pompe	900397	
10	Flange - oval D28	Bride ovale D28	900475	
11	O-ring filterbox	Joint de filtre	900635	
12	Adaptor Flange Submerge Filterpot	Adapteur immergee filtre	901075	
13	Pipe Submerge Filter - Meters	Tube immergee filtre - mesureurs	901076	Q500T/500T1 Dispenser
	Pipe Submerge Filter - Meter B	Tube immergee filtre - mesureur B	901077	Q500T/500T1 Dispenser
	Pipe Submerge Filter - Meter A	Tube immergee filtre - mesureur A	901078	Q500T/500T1 Dispenser
	Pipe meter A1A2 - filter	Tube MA A1A2 - filtre	902217	Q300T Dispenser
	Pipe meter B1B2 - filter	Tube MA B1B2 - filtre	902218	Q300T Dispenser
	Pipe Tee casting - filter	Tube T - filtre	902219	Q300T Dispenser
	Tube filter - meter 1	Tube filtre - mesureur 1	902444	Q300T Mechanical Register
	Tube filter - meter 2	Tube filtre - mesureur 2	902445	Q300T Mechanical Register
14	Bracket Submerge Filter Support	Support immergee filtre	901080	
15	Filter Box Assembly	Boite de filtre asm	-	Refer to Filter Box drawing
16	Meter stack assembly	Mesureur asm	-	Refer to Meter drawing



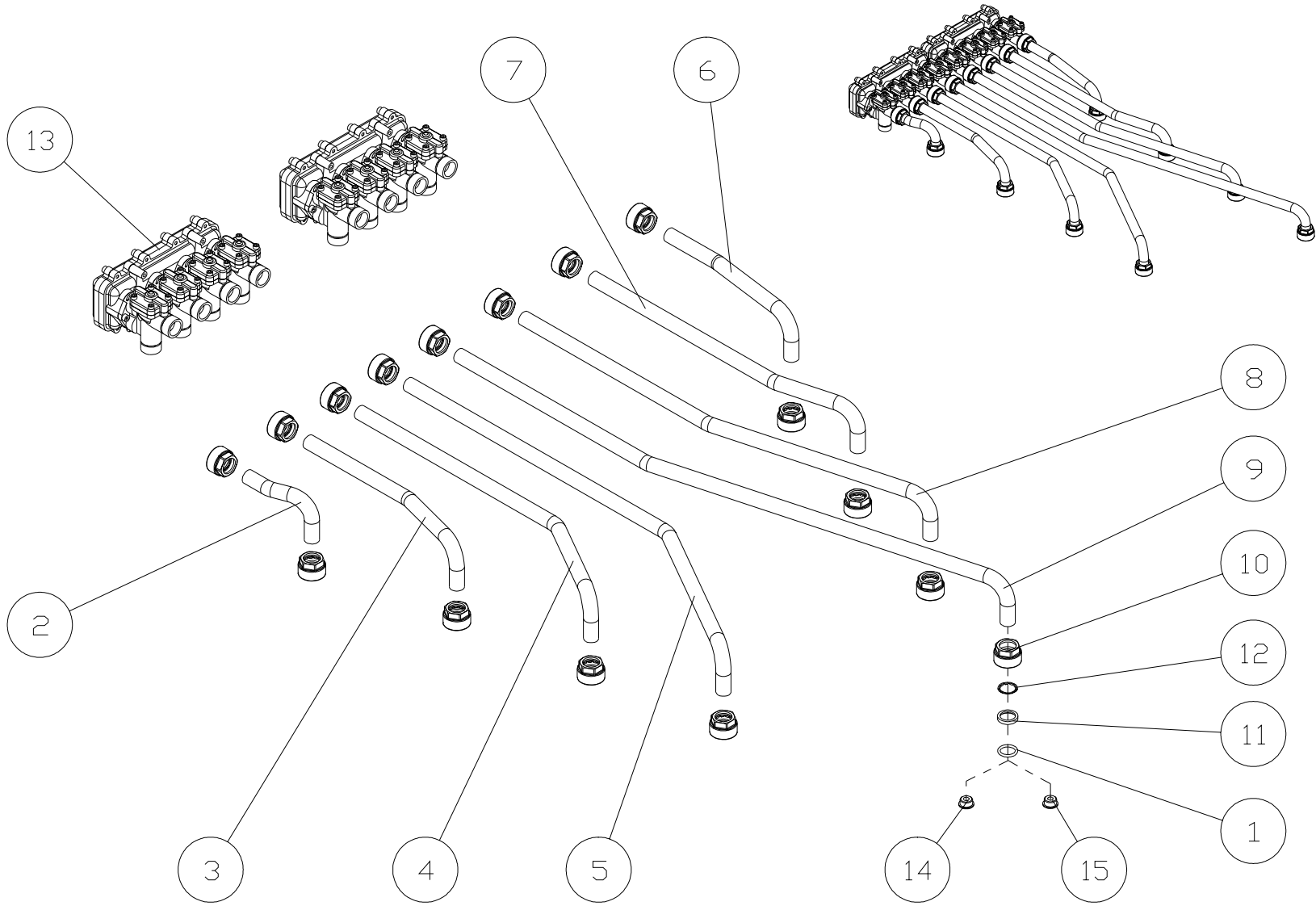
4.5 Pump to Meter Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M8	Ecrou Bride Autobloquant M8	900013-004	
2	Screw HFHSL M8x20	Vis Hex Br Autobl M8x20	900016-020	
3	Screw HFHSL M6x20	Vis Bride Hex Autobloq M6x20	900016-013	
4	Screw HSHC M6x20	Vis CHC M6x20	900017-006	
5	O-ring 34.00x4.00	Joint torique 34.00x4.00	900050-002	
6	O-Ring 27.80x3.60	Joint Torique 27.80x3.60	900050-016	
7	O-Ring 32.00x2.5 NBR 70SH	Joint Torique 32.00x2.5 NBR 70SH	900050-045	
8	Pipe EPZ to meters	Tube EPZ vers mesureurs	900821	Q500T/500T1 Dispenser
	Pipe PAS to meters	Tube PAS vers mesureurs	900822	Q500T/500T1 Dispenser
	Pipe EPZ to meter B	Tube EPZ vers mesureur B	901060	Q500T/500T1 Dispenser
	Pipe EPZ to meter A	Tube EPZ vers mesureur A	901061	Q500T/500T1 Dispenser
	Pipe PAS to meter B	Tube PAS vers mesureur B	901062	Q500T/500T1 Dispenser
	Pipe PAS to meter A	Tube PAS vers mesureur A	901063	Q500T/500T1 Dispenser
	Pipe EPZ - entrance simult meter	Tube EPZ - T de raccordement	900987	Q300T Dispenser
	Pipe EPZ 2 - meter A2	Tube EPZ 2 - MA A2	900988	Q300T Dispenser
	Pipe EPZ 1 - meter B1	Tube EPZ 1 - MA B1	900990	Q300T Dispenser
	Pipe PAS - entr simult meter	Tube PAS - T de raccordement	900991	Q300T Dispenser
	Pipe PAS V3 2 - meter A2	Tube PAS V3 2 - MA A2	900992	Q300T Dispenser
	Pipe PAS 1 - meter B1	Tube PAS 1 - MA B1	900993	Q300T Dispenser
	Pipe EPZ2 - meter	Tube EPZ2 - mesureur	902207	Q300T Mechanical Register EPZ 2
	Pipe EPZ1 - meter	Tube EPZ1 - mesureur	902208	Q300T Mechanical Register EPZ 1
9	Flange - oval D28	Bride ovale D28	900475	
10	Hydraulic stack assembly	Module hydraulique asm	-	Refer to Pump & Motor drawing
11	Meter stack assembly	Mesureur asm	-	Refer to Meter drawing
12	Outlet elbow EPZ Q500T cast	Coude sortie EPZ Q500T moulé	902250	Q500T/500T1 Dispenser
13	Adaptor flange PAS outlet	Adapteur sortie PAS	900823	Q500T/500T1 Dispenser
	PASV3 flange for D28 pipes	Bride PASV3 pour tubes D28	900313	Q300T Dispenser
14	Plate - blanking PAS V3	Plaque d'obturation PAS V3	901723	
15	Screw sealing M8x30	Vis de plombage M8x30	902005	



4.6 Meter Assembly

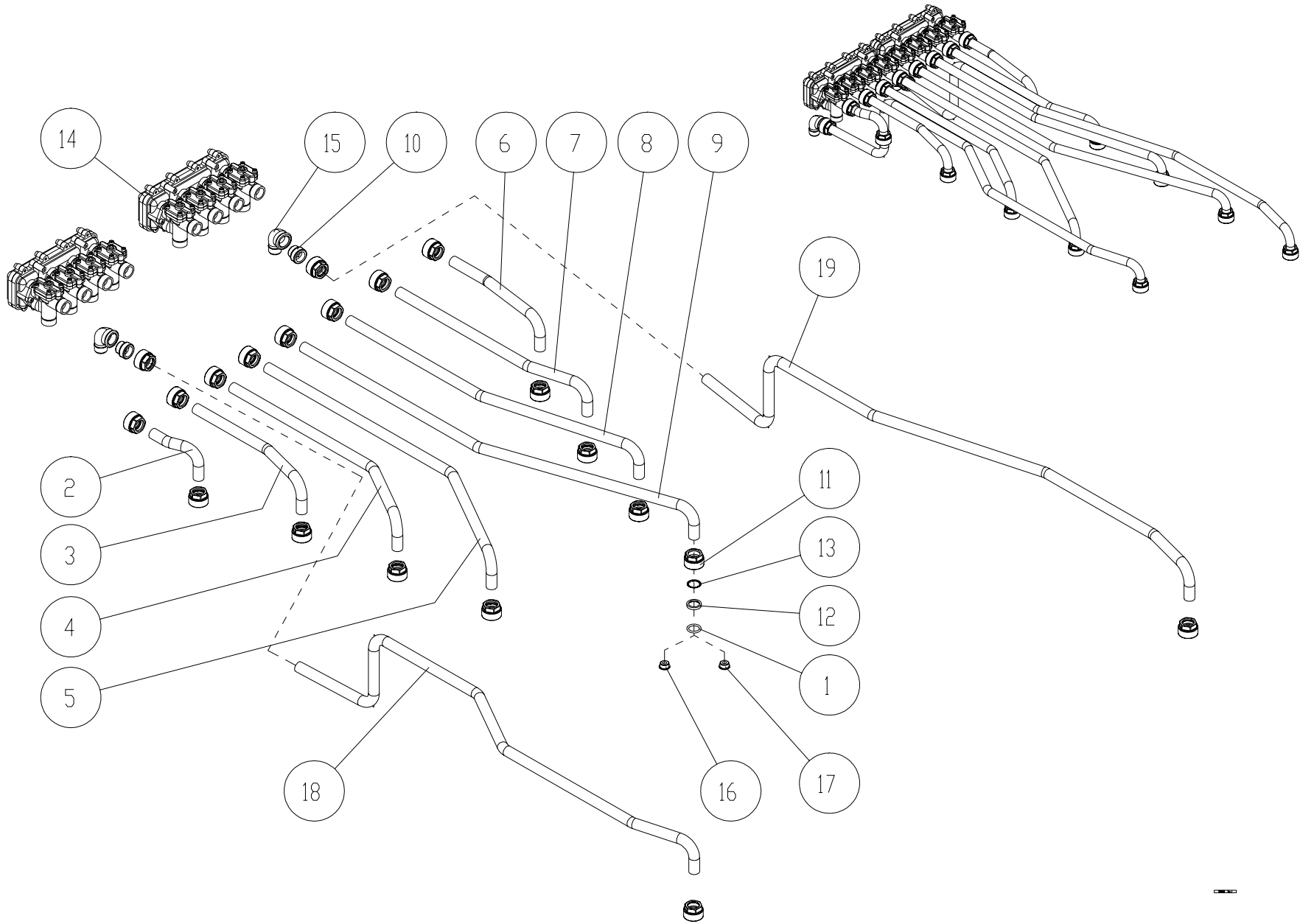
Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M3x12	Vis CS M3x12	900007-010	
2	Nut Hex M3	Ecrou H M3	900011-008	
3	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
4	Screw HFHSL M6x16	Vis Hex Br Autobl M6x16	900016-004	
5	Screw HFHSL M8x16	Vis Hex Br Autobl M8x16	900016-006	
6	Screw HFHSL M6x20	Vis Hex Br Autobl M6x20	900016-013	
7	Nut Hex M10 x 1,00 For Lock	Ecrou M10 x 1,00 Pour Serrures	900043-001	
8	O-Ring 27,80x3,60	Joint Torique 27,80x3,60 (R21)	900050-016	
9	Washer Spring Lock M3	Rondelle Elast. W 3	900051-002	
10	Pump Support End	Extr Support Pompe	900371	
11	Flange - oval D28	Bride ovale D28	900475	
12	Tee - Dia 28 M/M/F	Entrée MA26-5 2 Simultanés	900477	
13	Screw HFHTF M6x16	Vis Hex. Taraudeuse M6x16	900708-003	
14	Mechanical Totalizer Left	Compteur Mecanique Gauche	900743-001	
15	Mechanical Totalizer Right	Compteur Mecanique Droite	900743-002	
16	MA 26 Meter	Mesureur MA 26	901106	
17	Module Gear + Totaliser Support	Module Pignon + Support Tote	901279	
18	Pulser MP T1 excl.cable	Pulser MP T1 excl.cable	901487	
19	Vent body plug	Bouchon d'event	902006	
20	Flow reducing ring dia 8.0mm	Reducteur debit dia 8.0mm	902283	
21	Adapter Meter-Totaliser	Adapteur Mesureur-Totalisateur	902624	
22	Adapter Bush Met-Tot	Adapteur Manchon Mes-Tot	902625	
23	Cast outlet elbow	Coude coulé	903012	
24	Cable - Totalizer drive	Câble d'entraînement de tot	903062	
25	Meter Bracket for Q400T & Q500T	Support mesureur Q400T & Q500T	905853	
26	Totaliser Bracket	Support de Totaliser	907287	



4.7 Meter to Valve Assemblies

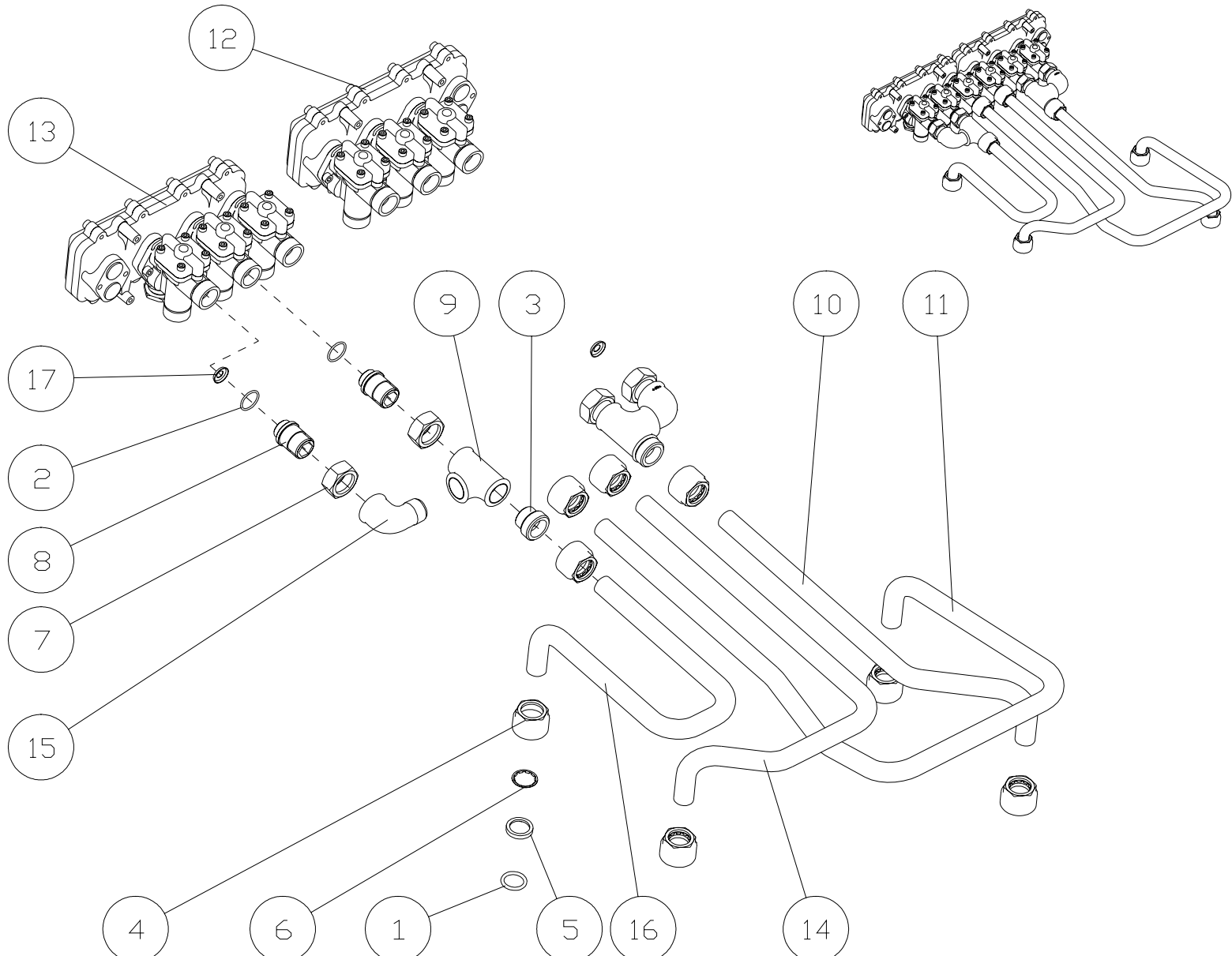
4.7.1 METER TO VALVE - 40/80 L/MIN MODELS & THS 1-2

Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	Pipe 1 MA26 valvebox 1A Pipe 1 MA26 valvebox 1A 2F1C	Tube 1 MA26 cage soupape 1A Tube 1 MA26 cage soupape 1A 2F1C	900408 902965	THS 1-2 Single column only
3	Pipe 2 MA26 valvebox 2A Pipe 2 MA26 Valvebox 2A HYD3	Tube 2 MA26 cage soupape 2A Tube 2 MA26 Cage Soupape 2A HY	900409 903896	Repsol 5-8 only
4	Pipe 3 MA26 valvebox 3A Pipe 3 MA26 Valvebox 3A HYD4	Tube 3 MA26 cage soupape 3A Tube 3 MA26 Cage Soupape 3A HY	900410 903897	Repsol 5-8 only
5	Pipe 4 MA26 valvebox 4A Pipe 4 MA26 Valvebox 4A HYD5	Tube 4 MA26 cage soupape 4A Tube 4 MA26 Cage Soupape 4A HY	900411 903898	Repsol 5-8 only
6	Pipe 5 MA26 valvebox 1B Pipe 5 MA26 valvebox 1B 2F1C Pipe 5 MA26 Valvebox 1B HYD2	Tube 5 MA26 cage soupape 1B Tube 5 MA26 cage soupape 1B 2F1C Tube 5 MA26 Cage soupape 1B H	900412 902966 903899	Single column only & THS 1-2 Repsol 5-8 only
7	Pipe 6 MA26 valvebox 2B Pipe 6 MA26 Valvebox 2B HYD3	Tube 6 MA26 cage soupape 2B Tube 6 MA26 Cage soupape 2B HY	900413 903900	Repsol 5-8 only
8	Pipe 7 MA26 valvebox 3B Pipe 7 MA26 Valvebox 3B HYD4	Tube 7 MA26 cage soupape 3B Tube 7 MA26 Cage soupape 3B HY	900414 903901	Repsol 5-8 only
9	Pipe 8 MA26 valvebox 4B Pipe 8 MA26 Valvebox 4B HYD5	Tube 8 MA26 cage soupape 4B Tube 8 MA26 Cage Soupape 4B HY	900415 903902	Repsol 5-8 only
10	Pressure Nut 22mm pipe	Ecrou (pression) 22mm tube	900417	
11	Pressure Ring	Bague De Pression	900523	
12	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
13	Valvebox 4 valves Std 1111	Cage soupape 4 soup Std 1111	-	Refer to Valvebox drawing
14	Flow reducing ring dia 8.4mm	Reducteur debit dia 8.4 mm	902282	EPZ pump only
15	Flow reducing ring dia 8.0mm	Reducteur debit dia 8.0mm	902283	PAS pump only



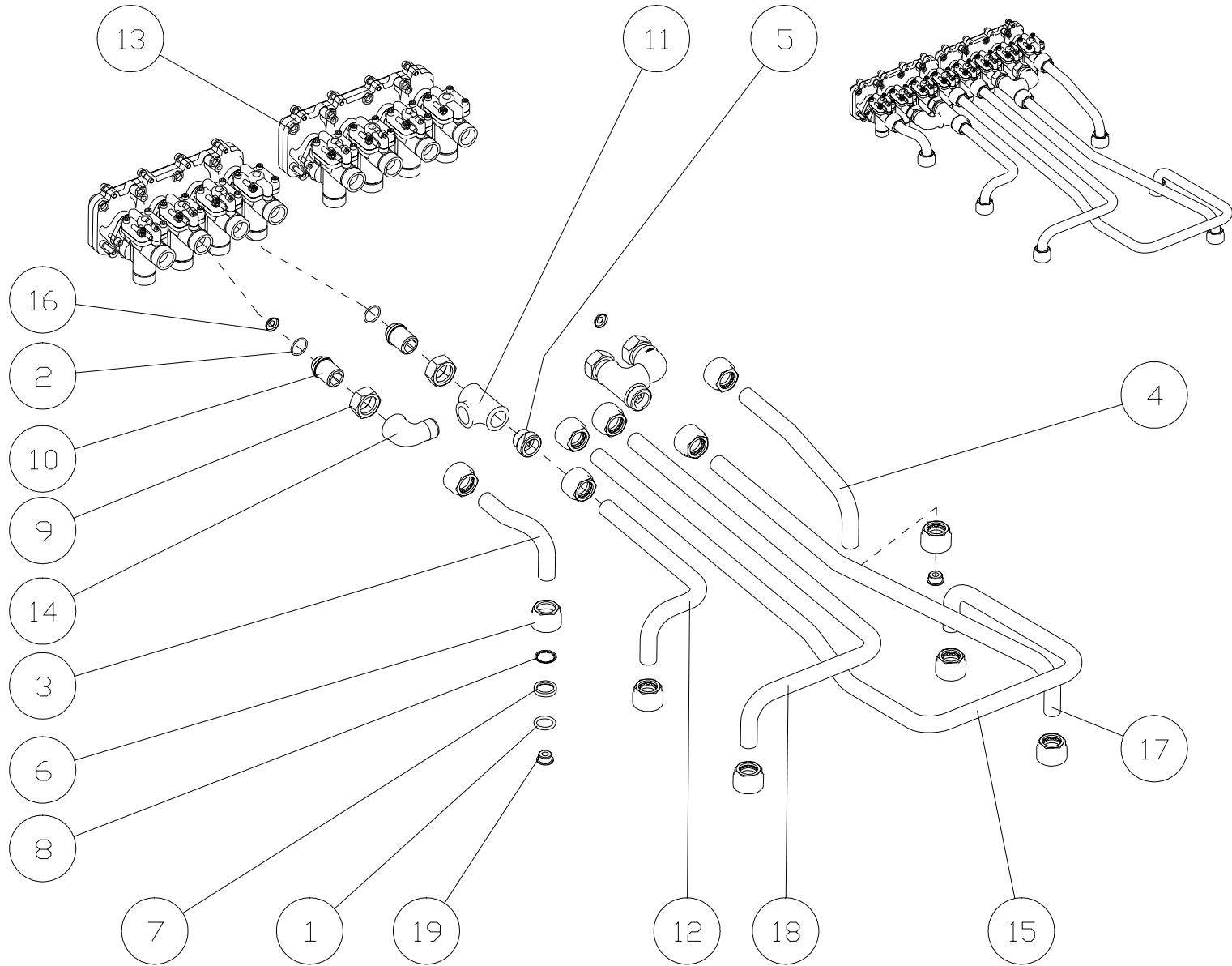
4.7.2 METER TO VALVE - MODEL 5-10 (40 L/MIN)

Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	Pipe1_MA26_valvebox_1A	Tube1_MA26_cage soupape_1A	900408	
3	Pipe2_MA26_valvebox_2A	Tube2_MA26_cage soupape_2A	900409	
4	Pipe3_MA26_valvebox_3A	Tube3_MA26_cage soupape_3A	900410	
5	Pipe4_MA26_valvebox_4A	Tube4_MA26_cage soupape_4A	900411	
6	Pipe5_MA26_valvebox_1B	Tube5_MA26_cage soupape_1B	900412	
7	Pipe6_MA26_valvebox_2B	Tube6_MA26_cage soupape_2B	900413	
8	Pipe7_MA26_valvebox_3B	Tube7_MA26_cage soupape_3B	900414	
9	Pipe8_MA26_Valvebox_4B	Tube8_MA26_Cage Soupape_4B	900415	
10	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
11	Pressure Nut 22 mm pipe	Ecrou (pression) 22 mm tube	900417	
12	Pressure Ring	Bague De Pression	900523	
13	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
14	Valvebox 4 valves Std 1111	Cage soupape 4 soup. Std 1111	-	Refer to Valvebox drawing
15	Elbow 3/4" M_F	Coude 3/4" M_F	901866-002	
16	Flow reducing ring dia 8.4mm	Reducteur debit dia 8.4 mm	902282	
17	Flow reducing ring dia 8.0mm	Reducteur debit dia 8.0mm	902283	
18	Pipe 22mm MA26 5F5C 5A	Tube 22mm MA26 5F5C 5A	908291	
19	Pipe 22mm MA26 5F5C 5B	Tube 22mm MA26 5F5C 5B	908292	



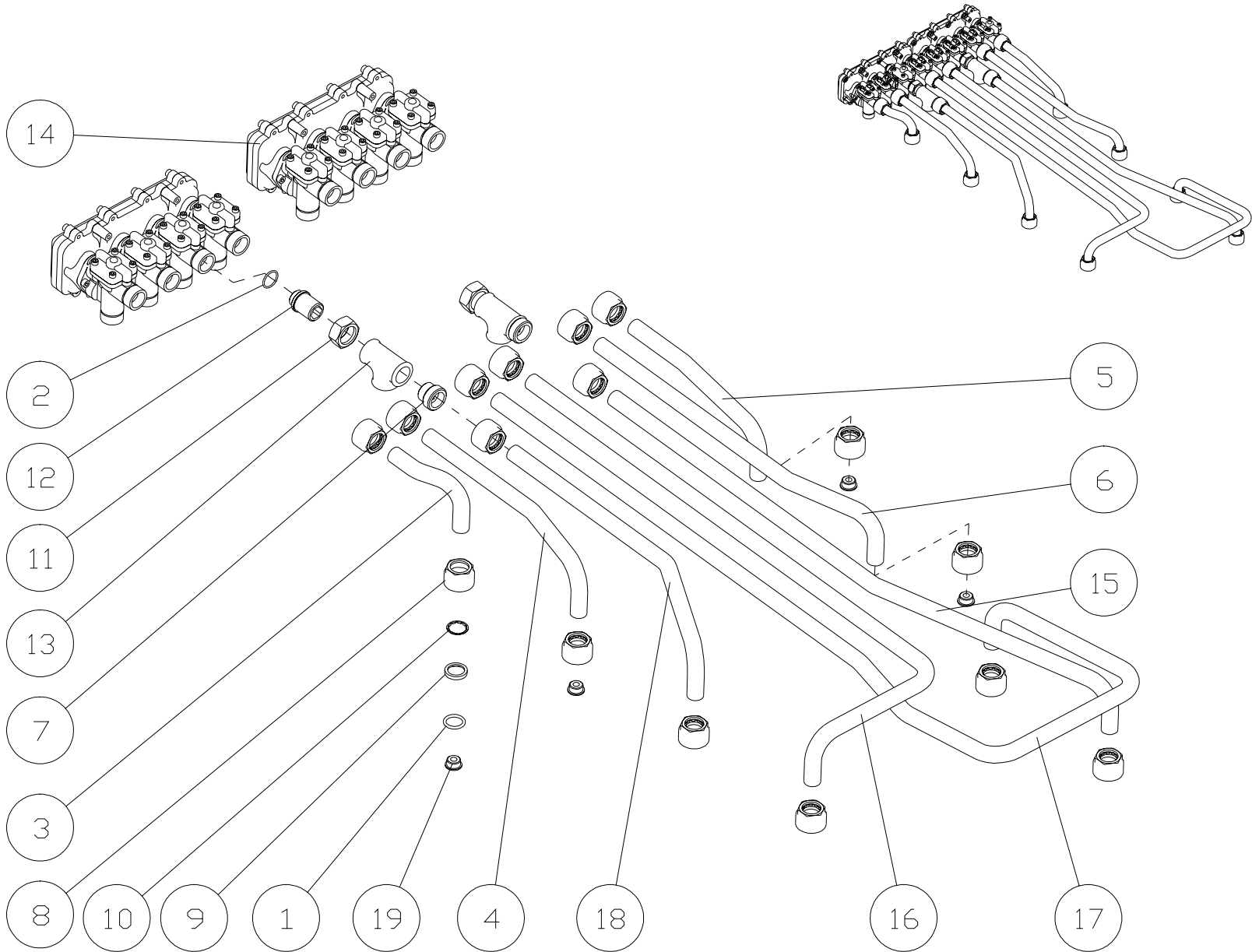
4.7.3 METER TO VALVE - MODEL VHS 2-4 (130 L/MIN + 40 L/MIN)

Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 22.00x2.00	Joint Torique 22.00x2.00	900050-018	
3	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
4	Pressure Nut 22 mm pipe	Ecrou (pression) 22mm tube	900417	
5	Pressure Ring	Bague De Pression	900523	
6	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
7	Pressure Nut G1"	Ecrou G1"	900791	
8	Nipple Coupling	Raccord Mamelon	900792	
9	T 3/4" Female Thread	Raccord Te 3/4" Filet Fem	900847-001	
10	Pipe 22mm VHS 2F2C 2B	Tube 22mm VHS 2F2C 2B	900850	
11	Pipe 22mm VHS 2F2C 1B	Tube 22mm VHS 2F2C 1B	900852	
12	Valvebox 3 valves Std 1110	Cage soupape 3 soup Std 1110	-	Refer to Valvebox drawing
13	Valvebox 3 valves Std 0111	Cage soupape 3 soup. Std 0111	-	Refer to Valvebox drawing
14	Pipe 22mm VHS 2F2C 2A	Tube 22mm VHS 2F2C 2A	901762	
15	Elbow 3/4" M F	Coude 3/4" M F	901866-002	
16	Pipe 22mm VHS 2F2C 1A	Tube 22mm VHS 2F2C 1A	901926	
17	Reducer flange valve	Reducteur febit EV	902019	



4.7.4 METER TO VALVE - MODEL VHS 3-6 (130 L/MIN + 40 L/MIN)

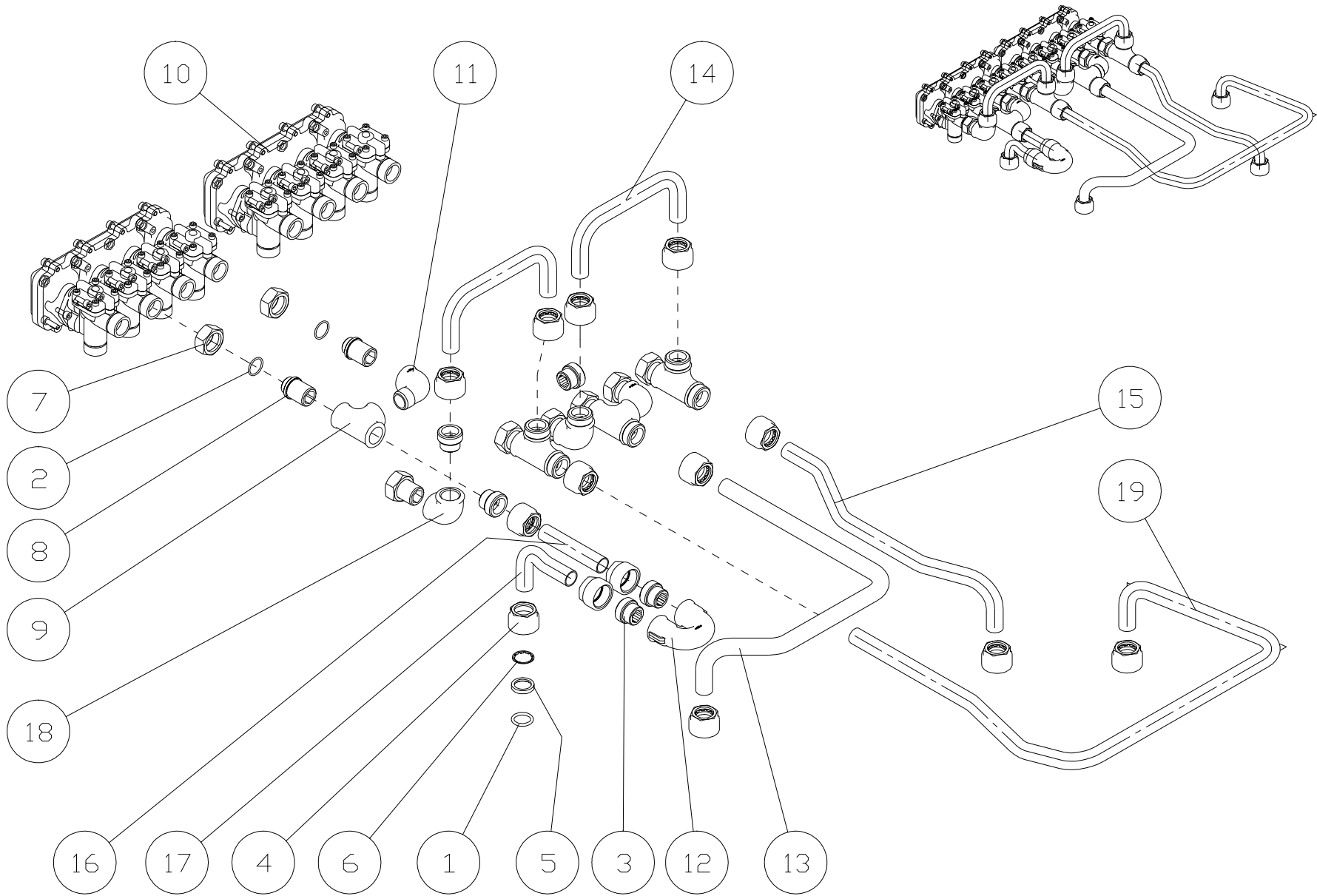
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 22.00x2.00	Joint Torique 22.00x2.00	900050-018	
3	Pipe1 MA26 valvebox 1A	Tube1 MA26 cage soupape 1A	900408	
4	Pipe5 MA26 valvebox 1B	Tube5 MA26 cage soupape 1B	900412	
5	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
6	Pressure Nut 22mm pipe	Ecrou (pression) 22mm tube	900417	
7	Pressure Ring	Bague De Pression	900523	
8	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
9	Pressure Nut G1"	Ecrou G1"	900791	
10	Nipple Coupling	Raccord Mamelon	900792	
11	T 3/4" Female Thread	Raccord Te 3/4" Filet Fem	900847-001	
12	Pipe 22mm VHS 3F3C 2A	Tube 22mm VHS 3F3C 2A	900851	
13	Valvebox 4 valves Std 1111	Cage soupape 4 soup Std 1111	-	Refer to Valvebox drawing
14	Elbow 3/4" MF	Coude 3/4" MF	901866-002	
15	Pipe 22mm VHS 3F3C 2B	Tube 22mm VHS 3F3C 2B	901982	
16	Reducer flange valve	Reducteur febit EV	902019	
17	Pipe 22mm VHS 3F3C 3B	Tube 22mm VHS 3F3C 3B	902171	
18	Pipe 22mm VHS 3F3C 3A	Tube 22mm VHS 3F3C 3A	902172	
19	Flow reducing ring dia 8.4mm	Reducteur debit dia 8.4mm	902282	



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4.7.5 METER TO VALVE - MODEL VHS 4-8 (130 L/MIN + 40 L/MIN)

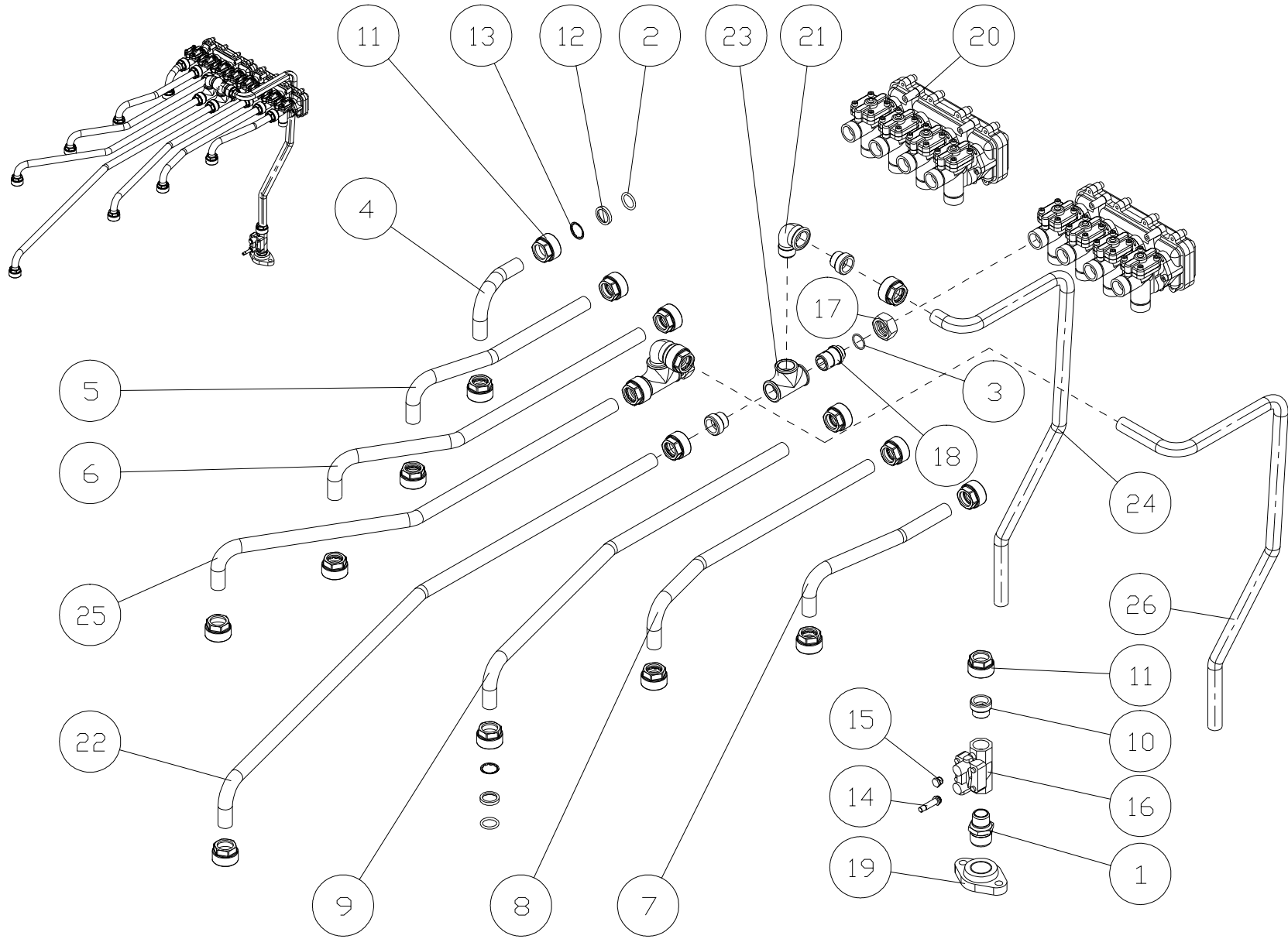
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 22.00x2.00	Joint Torique 22.00x2.00	900050-018	
3	Pipe 1 MA26 valvebox 1A	Tube 1 MA26 cage soupape 1A	900408	
4	Pipe 2 MA26 valvebox 2A	Tube 2 MA26 cage soupape 2A	900409	
5	Pipe 5 MA26 valvebox 1B	Tube 5 MA26 cage soupape 1B	900412	
6	Pipe 6 MA26 valvebox 2B	Tube 6 MA26 cage soupape 2B	900413	
7	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
8	Pressure Nut 22mm pipe	Ecrou (pression) 22 mm tube	900417	
9	Pressure Ring	Bague De Pression	900523	
10	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
11	Pressure Nut G1"	Ecrou G1"	900791	
12	Nipple Coupling	Raccord Mamelon	900792	
13	T 3/4" Female Thread	Raccord Te 3/4" Filet Fem	900847-001	
14	Valvebox 4 valves Std 1111	Cage soupape 4 soup Std 111	-	Refer to Valvebox drawing
15	Pipe 22mm VHS 4F4C 4B	Tube 22mm VHS 4F4C 4B	901976	
16	Pipe 22mm VHS 4F4C 4A	Tube 22mm VHS 4F4C 4A	901979	
17	Pipe 22mm VHS 4F4C 3B	Tube 22mm VHS 4F4C 3B	902234	
18	Pipe 22mm VHS 4F4C 3A	Tube 22mm VHS 4F4C 3A	902241	
19	Flow reducing ring dia 8.4mm	Reducteur debit dia 8.4mm	902282	



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4.7.6 METER TO VALVE - MODEL VHS MASTER TO SATELLITE (130 L/MIN)

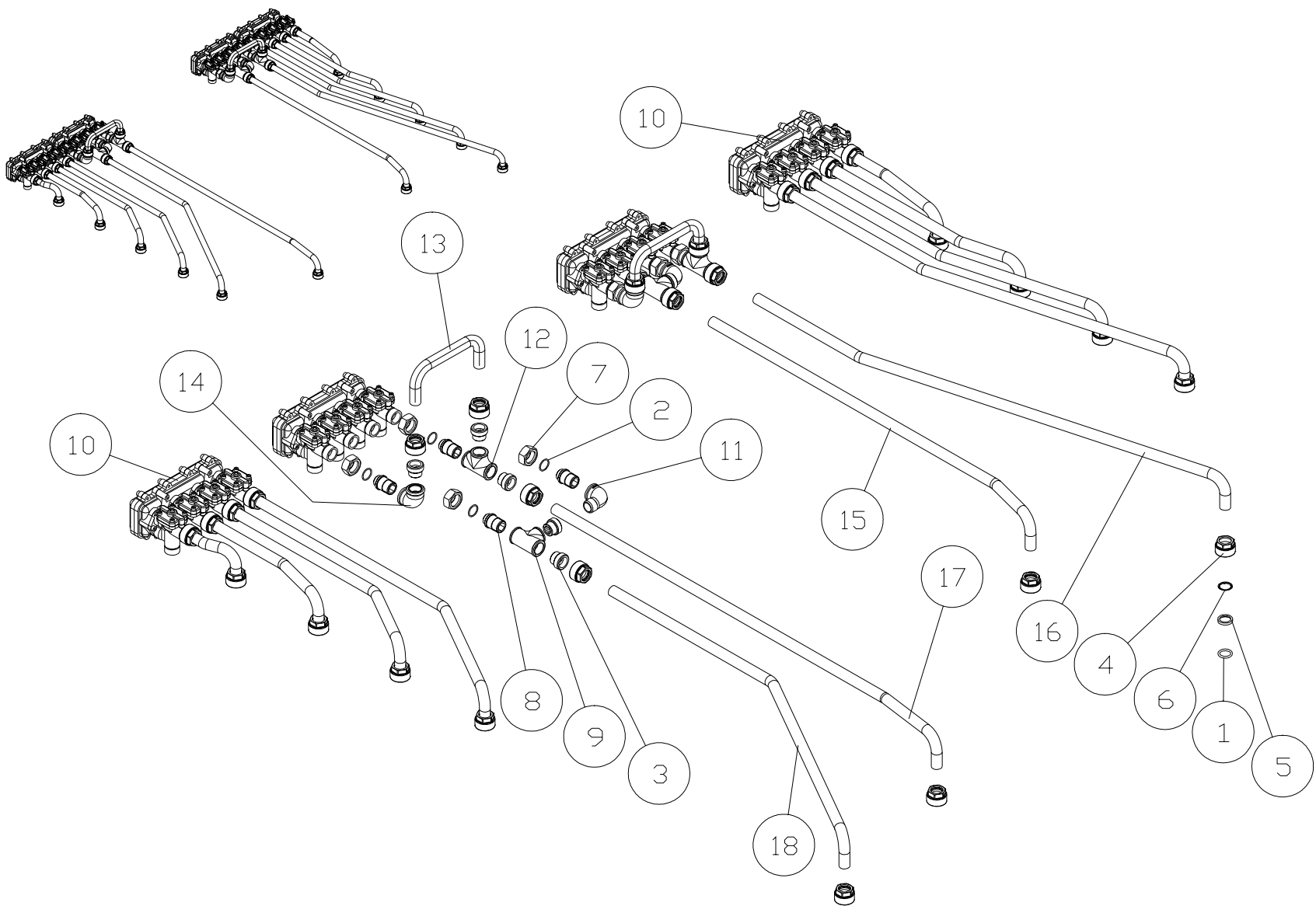
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 22.00x2.00	Joint Torique 22.00x2.00	900050-018	
3	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
4	Pressure Nut 22 mm pipe	Ecrou (pression) 22mm tube	900417	
5	Pressure Ring	Bague De Pression	900523	
6	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
7	Pressure Nut G1"	Ecrou G1"	900791	
8	Nipple Coupling	Raccord Mamelon	900792	
9	T 3/4" Female Thread	Raccord Te 3/4" Filet Fem	900847-001	
10	Valvebox 4 valves Std 1111	Cage soupape 4 soup Std 1111	-	Refer to Valvebox drawing
11	Elbow 3/4" MF	Coude 3/4" MF	901866-002	
12	Return bend 3/4"	Courbe double 3/4"	901921	
13	Pipe 22mm B3	Tube 22mm B3	902034	
14	Pipe 22mm connecting 1-4	Tube 22mm assemblage 1-4	902035	
15	Pipe 22mm B1	Tube 22mm B1	902036	
16	Pipe 22mm A2 Adapter side	Tube 22mm A2 Adapteur soie	902037	
17	Pipe 22mm A2 Pump side	Tube 22mm A2 Pompe soie	902038	
18	Elbow 3/4"F-3/4"F galv	Coude 3/4"F-3/4"F galv	902084-001	
19	Pipe 22mm VHS 2F2C 1B	Tube 22mm VHS 2F2C 1B	903107	



Issue A

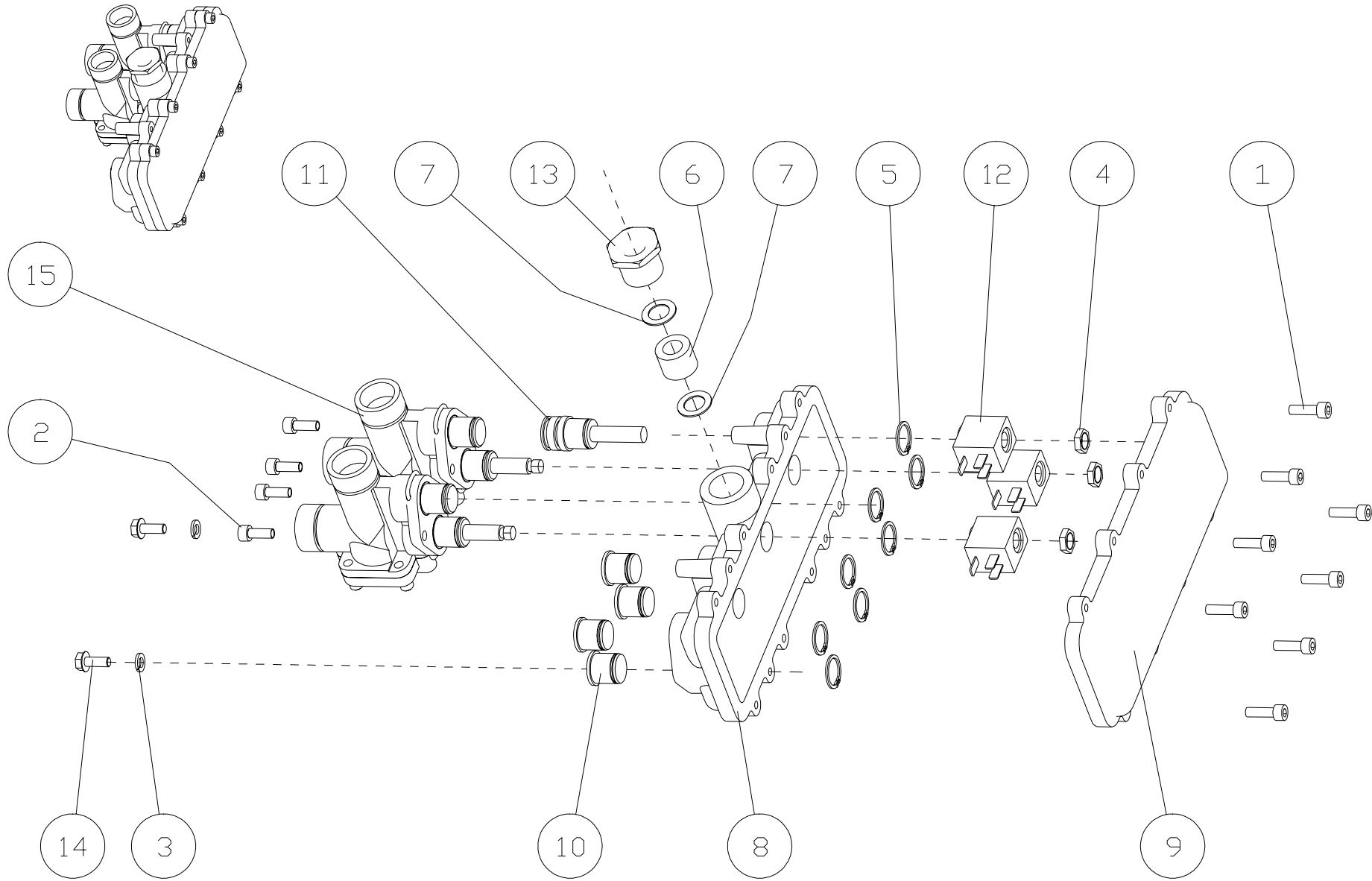
4.7.7 METER TO VALVE - MODEL HSM 5-8 (80 L/MIN + 40 L/MIN)

Item No	Description	Désignation Français	Part No	Comments
1	Coupling Nipple 3/4" - 1" BSPM	Rac Mam 3/4 - 1	900030-002	
2	O-Ring 21.82x3.53	Joint Torique 21,82x3,53	900050-001	
3	O-ring 22.00 x 2.00	Joint Torique 22,00 x 2,00	900050-018	
4	Pipe 1 MA26 valvebox 1A	Tube 1 MA26 cage soupape 1A	900408	
5	Pipe 2 MA26 valvebox 2A	Tube 2 MA26 cage soupape 2A	900409	
6	Pipe 3 MA26 valvebox 3A	Tube 3 MA26 cage soupape 3A	900410	
7	Pipe 5 MA26 valvebox 1B	Tube 5 MA26 cage soupape 1B	900412	
8	Pipe 6 MA26 valvebox 2B	Tube 6 MA26 cage soupape 2B	900413	
9	Pipe 7 MA26 valvebox 3B	Tube 7 MA26 cage soupape 3B	900414	
10	Nipple 22mm G1" - G3/4"	Douille 22mm G1	900416	
11	Pressure Nut 22mm pipe	Ecrou (pression) 22mm tube	900417	
12	Pressure Ring	Bague De Pression	900523	
13	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
14	Plungerhouse & plunger	Plongeur complete	900723	
15	Stop & seal inline valve	Bouchon soupape	900726	
16	Piston valve 3/4" drilled HS/LS	Soupape 3/4" pour HS/LS	900788	Refer to Valve & Fittings drawing
17	Pressure Nut G1"	Ecrou G1"	900791	
18	Nipple coupling	Raccord Mamelon	900792	
19	Flange 1" 78mm	Bride 1" 78mm	901320-001	
20	Valvebox 4 valves Std 1111	Cage soupape 4 soup. Std 1111	-	Refer to Valvebox drawing
21	Elbow 3/4" M F	Coude 3/4" M F	901866-002	
22	Pipe 8 MA26 Satellite Connection 4B	Tube 8 MA26 Connection de Satellite 4B	903199	
23	VHS split coupling assy 22mm V2	VHS couplage 22 V2 new	903200	
24	Satellite Connection Pipe LHS	Pipe Satellite De Conn. LHS	903215	
25	Satellite Pipe 4_MA26_Valvebox_4At	Tube Satellite 4_MA26_cage soupape_4A	903307	
26	Satellite Connection Pipe RHS	Pipe Satellite De Connex. RHS	903330	



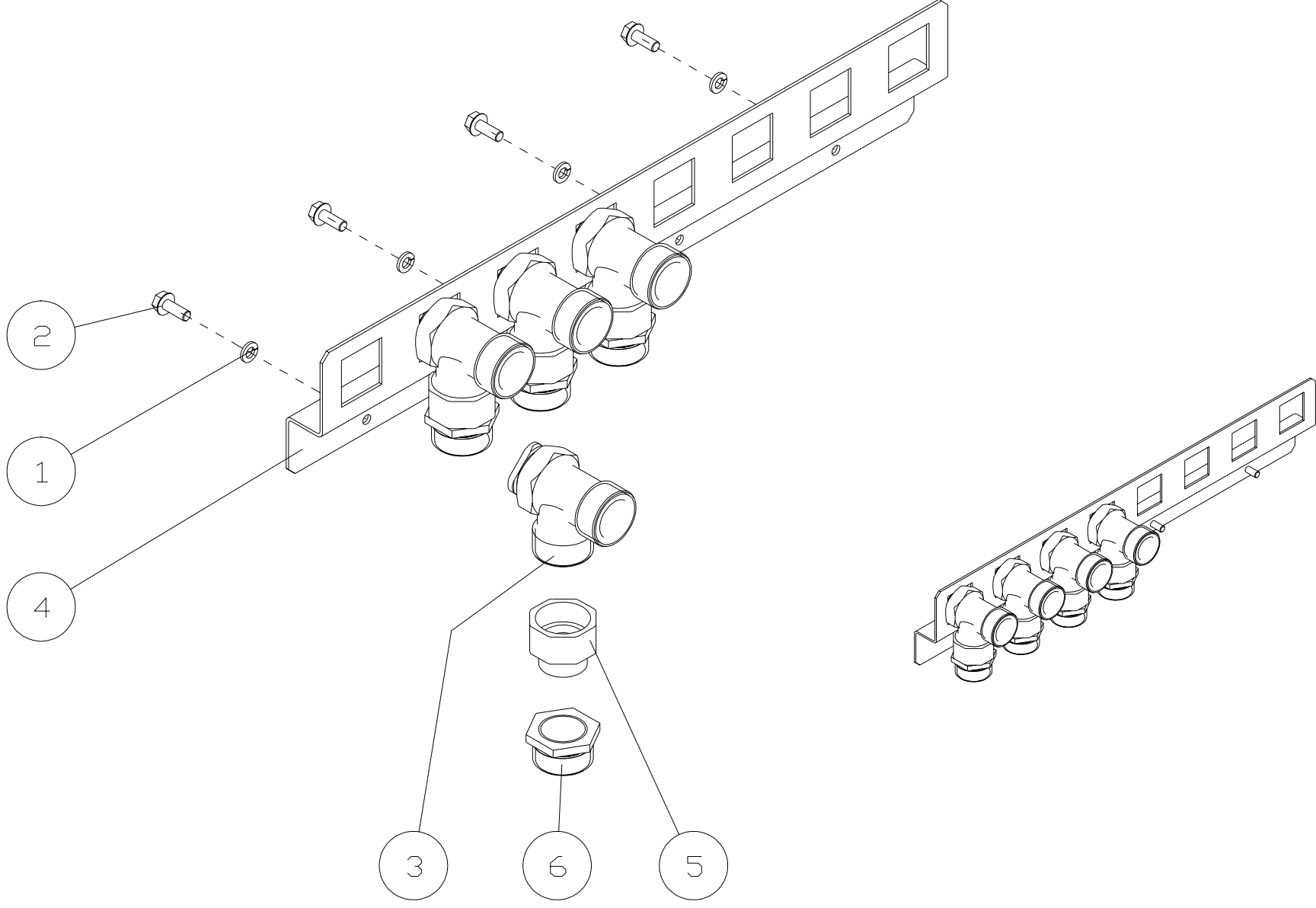
4.7.8 METER TO VALVE - MODEL SVHSM 5-5 (130 L/MIN + 40 L/MIN)

Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82 x 3.53	O-Ring 21,82 x 3,53	900050-001	
2	O-Ring 22.00 x 2.00	Joint Torique 22,00 x 2,00	900050-018	
3	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
4	Pressure Nut 22mm pipe	Ecrou Pression 22mm tube	900417	
5	Pressure Ring	Bague De Pression	900523	
6	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
7	Pressure Nut 1"	Ecrou 1"	900791	
8	Nipple Coupling	Raccord Mamelon	900792	
9	T 3/4" Female Thread	Raccord Te 3/4" Filet Fem	900847-001	
10	Valvebox 4 valves Std 1111	Cage soupape 4 soup. Std 1111	-	Refer to Valvebox drawing
11	Coupling 3/4 M-F	Coude 3/4	901866-002	
12	VHS split coupling assy 22mm V2	VHS couplage 22 V2	901974	
13	Pipe 22mm connecting 1-4	Tube 22mm assemblage 1-4	902035	
14	Elbow 3/4"F-3/4"F galv.	Coude 3/4"F-3/4"F galv.	902084-001	
15	Pipe Mtr-A5 Valvebox 2A Hyd 5	Tube Mtr-A5 Boite EV 2A Hyd 5	904080	
16	Pipe Mtr-B5 Valvebox 4A Hyd 5	Tube Mtr-B5 Boite EV 4A Hyd 5	904081	
17	Pipe Mtr-B5 alveboxX 1B Hyd 5	Tube Mtr-B5 Boite EV 1B Hyd 5	904082	
18	Pipe Mtr-A5 Valvebox 3B Hyd 5	Tube Mtr-A5 Boite EV 3B Hyd 5	904083	



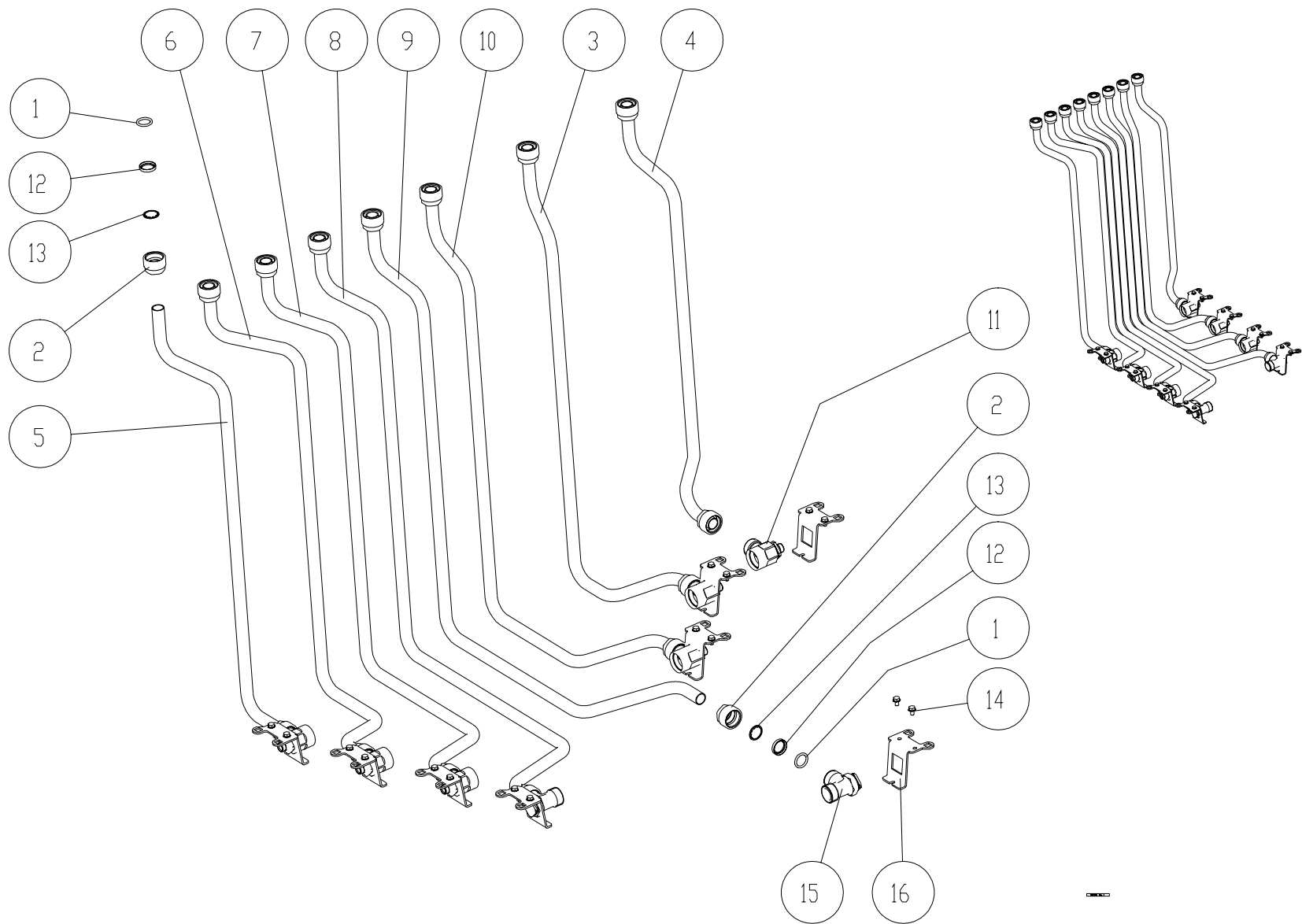
4.8 Valve Box Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Screw HSHC M6x20	Vis CHC M6x20	900017-006	
2	Screw HSHC M6x16	Vis CHC M6x16	900017-007	
3	Washer Spring Lock M6	Rondelle Elast W 6	900051-003	
4	Nut Hex G1/8" Plunger	Ecrou Hex G1/8" Pour Piston	900102-001	
5	Ring Retain Shaft 19mm	Anneau Elast Ext 19mm	900103-001	
6	Grommet 10-13	Bouchon	900112	
7	Back-up ring 8-13	Rondelle acier	900114	
8	Valvebox bottom part	Cage de soupape sous	900121	
9	Valvebox Cover	Couvercle cage de soupape	900124	
10	Blindplug Valvebox	Prise aveugle cage de soupape	900126	
11	Plunger valvebox	Piston cage de soupape	900127	
12	Coil 24V DC	Bobine 24V DC	900128	
13	Gland Eexd 3/4 14mm	Gland Eexd 3/4 14mm	900134	
14	Screw HFHTF M6x16	Vis Hex Taraudeuse M6x16	900708-003	
15	Valvebody for box Standard	Soupape défaut	900958	



4.9 Non-Valve Box Option (Single-sided, Non-Preset, Non-Submerged 1-4 hoses only)

Item No	Description	Désignation Français	Part No	Comments
1	Washer Spring Lock M6	Rondelle Elast W 6	900051-003	
2	Screw HFHTF M6x16	Vis Hex Taraudeuse M6x16	900708-003	
3	Standard Hose Adapter	Apdaptateur standard pour flexible	901531	
4	Adaptor support bracket	Support adapteur	902967	
5	Adaptor 1"F - 3/4"M	Adapteur F1 x M3/4	902968	
6	Reducer 1"F - 3/4"M	Reducteur M1 x F3/4	902969	

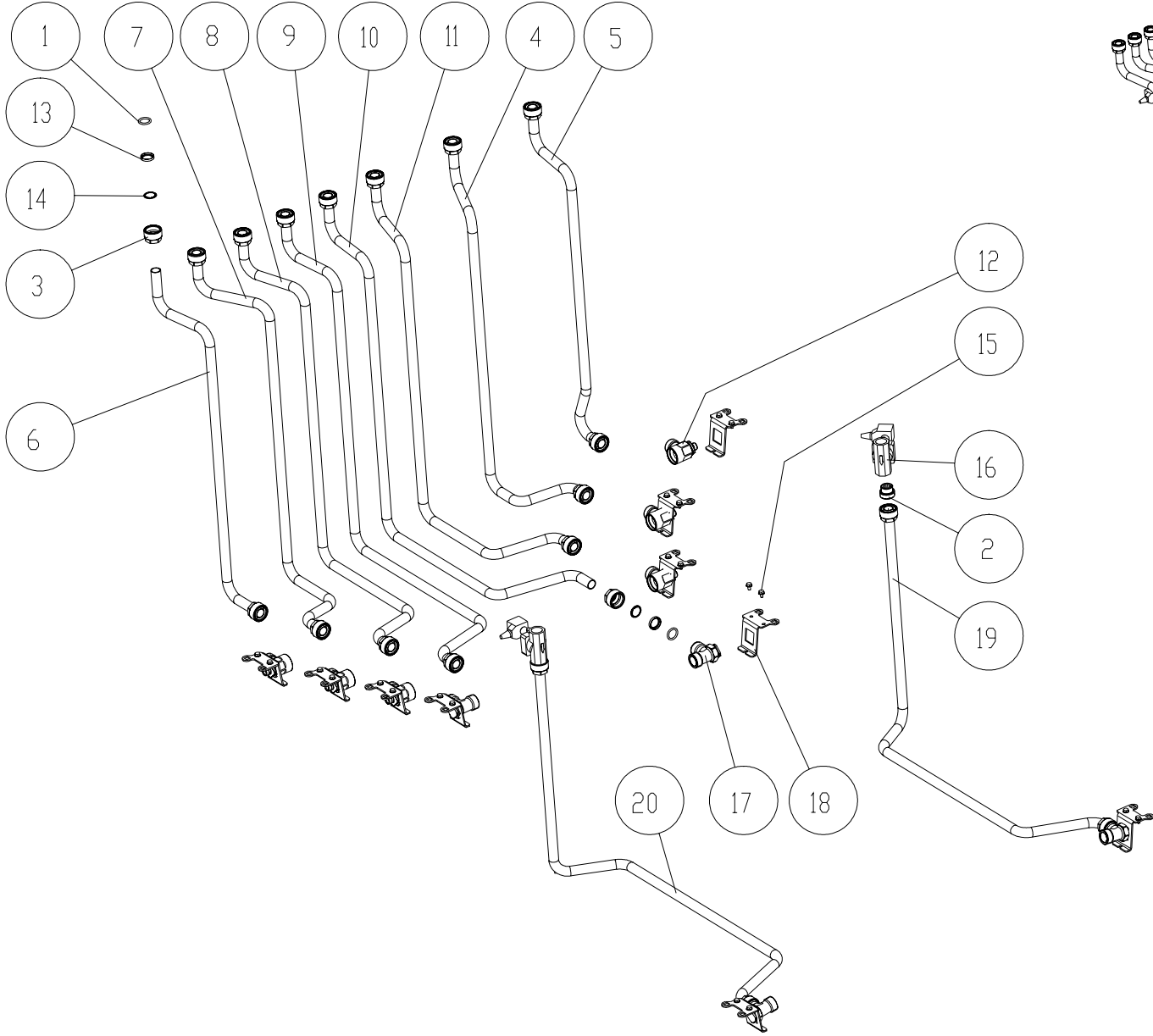
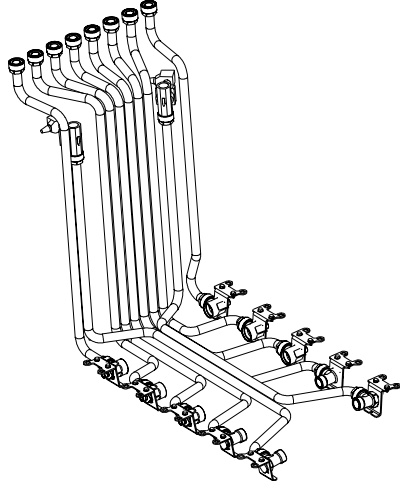


Issue A

4.10 Valve Box to Hose Assemblies

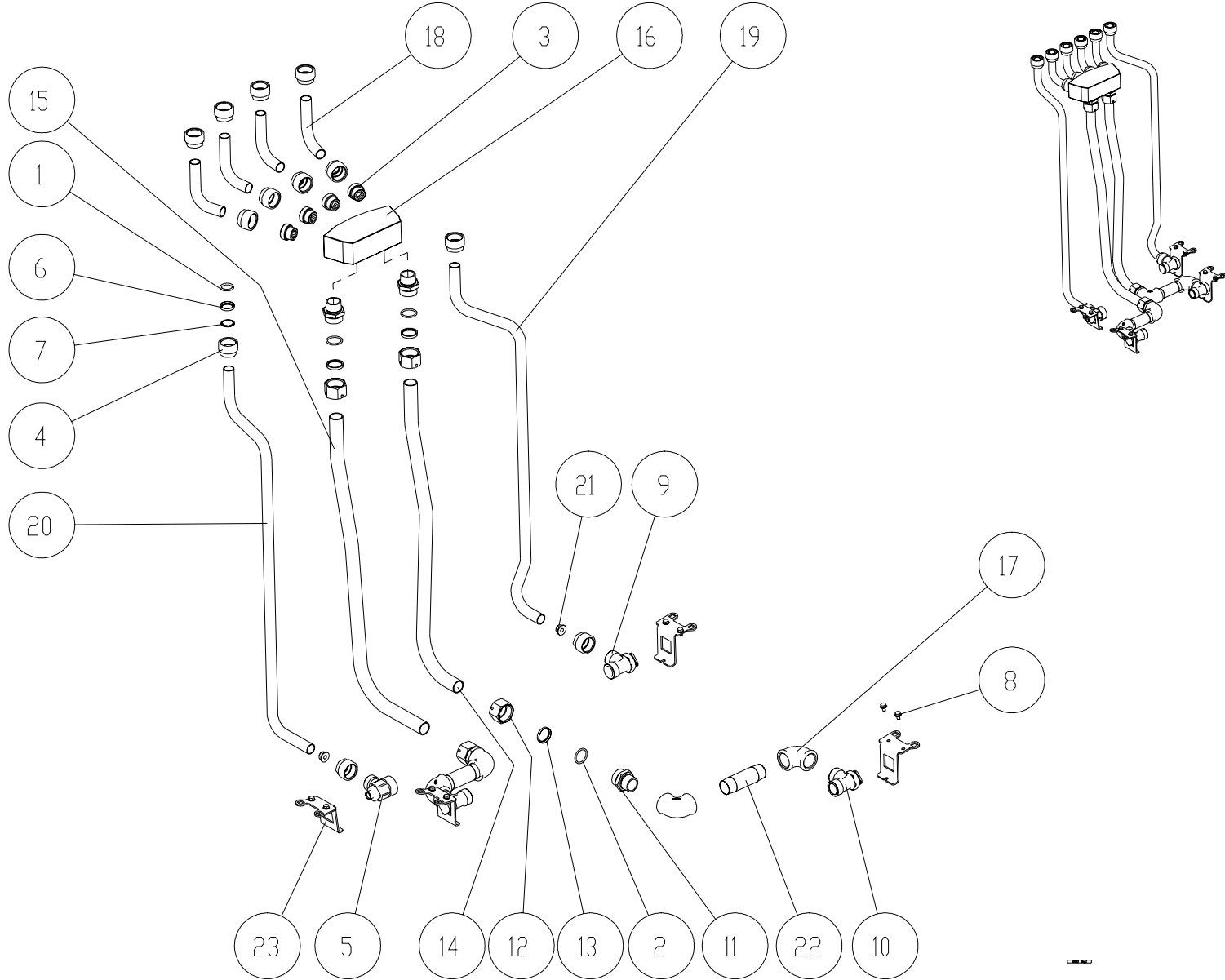
4.10.1 VALVEBOX TO HOSE - 40/80 L/MIN MODELS & THS 1-2

Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	Pressure Nut 22mm pipe	Ecrou (pression) 22mm tube	900417	
3	Pipe 2 after valvebox 2A	Tube 2 après cage soupape 2A	900424	
4	Pipe 1 after valvebox 1A	Tube 1 après cage soupape 1A	900426	THS 1-2
5	Pipe 5 after valvebox 1B	Tube 5 après cage soupape 1B	900427	THS 1-2
6	Pipe 6 after valvebox 2B	Tube 6 après cage soupape 2B	900428	
7	Pipe 7 after valvebox 3B	Tube 7 après cage soupape 3B	900429	
8	Pipe 8 after valvebox 4B	Tube 8 après cage soupape 4B	900430	
9	Pipe 4 after valvebox 4A	Tube 4 après cage soupape 4A	900431	
10	Pipe 3 after valvebox 3A	Tube 3 après cage soupape 3A	900432	
11	VR Adapter G1" (Coax)	Adaptateur RV G1" (coax)	900513	
12	Pressure Ring	Bague De Pression	900523	
13	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
14	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
15	Standard Hose Adapter	Adaptateur standard pour flexible	901531	
16	Roller/Adapter combined bracket	Support Combiné Rouleau/Adaptateur	906647	



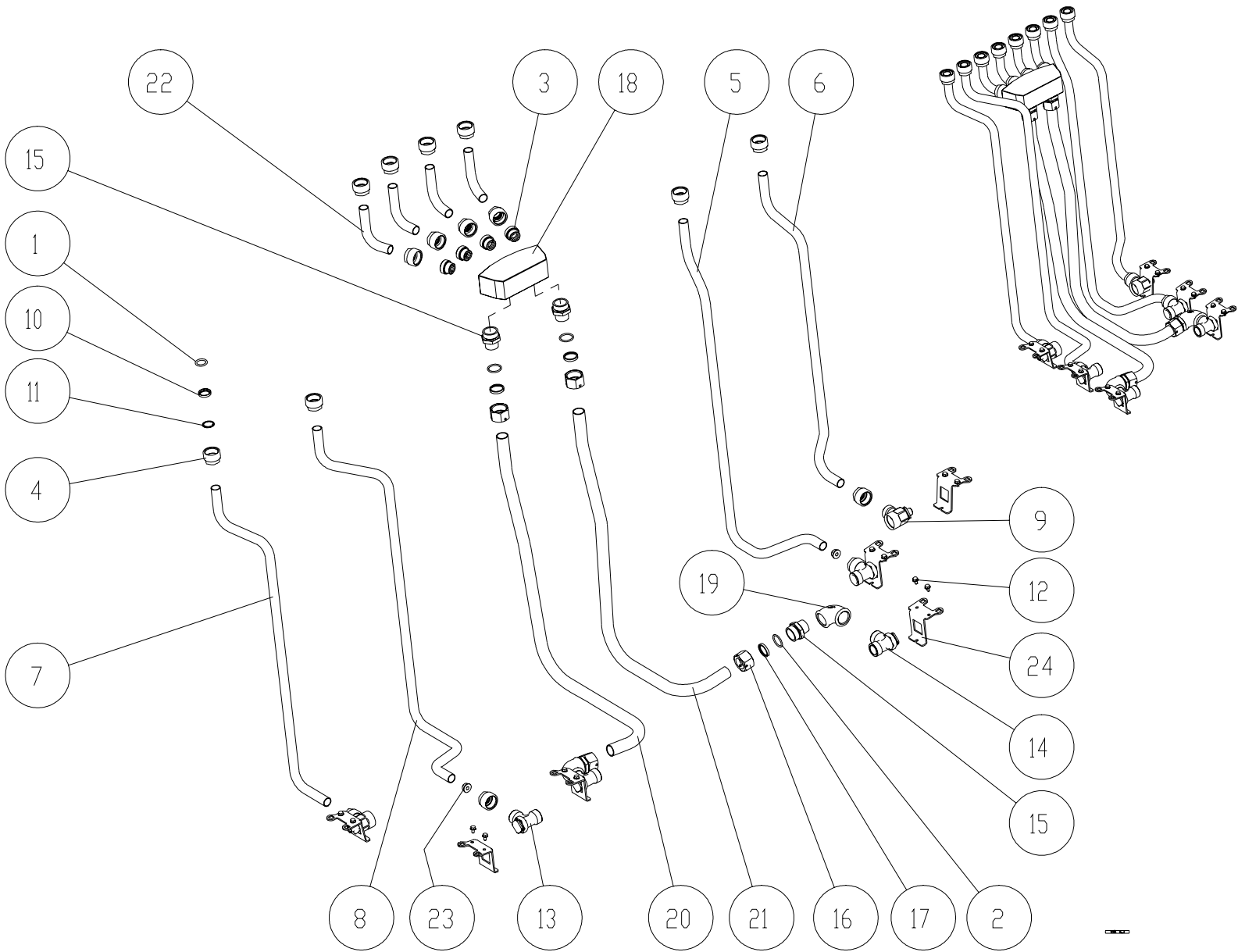
4.10.2 VALVE BOX TO HOSE - MODEL 5-10 (40 L/MIN)

Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21,82x3,53	Joint Torique 21,82x3,53	900050-001	
2	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
3	Pressure Nut 22 mm pipe	Ecrou (pression) 22 mm tube	900417	
4	Pipe2_after_valvebox_2A	Tube2_après_cage soupape_2A	900424	
5	Pipe1_after_valvebox_1A	Tube1_après_cage soupape_1A	900426	
6	Pipe5_after_valvebox_1B	Tube5_après_cage soupape_1B	900427	
7	Pipe6_after_valvebox_2B	Tube6_après_cage soupape_2B	900428	
8	Pipe7_after_valvebox_3B	Tube7_après_cage soupape_3B	900429	
9	Pipe8_after_valvebox_4B	Tube8_après_cage soupape_4B	900430	
10	Pipe4_after_valvebox_4A	Tube4_après_cage soupape_4A	900431	
11	Pipe3_after_valvebox_3A	Tube3_après_cage soupape_3A	900432	
12	VR Adapter G1" (Coax)	Adaptateur RV G1" (coax)	900513	
13	Pressure Ring	Bague De Pression	900523	
14	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
15	Screw HFHTF M6x10	Vis Hex. Taraudeuse M6x10	900708-001	
16	Standard valve 3/4 inch inline	Soupape 3/4" défaut	900919	
17	Standard Hose Adapter	Apdaptateur standard pour flexib	901531	
18	Bracket Roller/Adapter combined	Support Combiné Rouleau/Adaptat.	906647	
19	Pipe 22mm HMS 5F5C 5A	Tube 22mm HMS 5F5C 5A	908293	
20	Pipe 22mm HMS 5F5C 5B	Tube 22mm HMS 5F5C 5B	908294	



4.10.3 VALVE BOX TO HOSE - MODEL VHS 2-4 (130 L/MIN + 40 L/MIN)

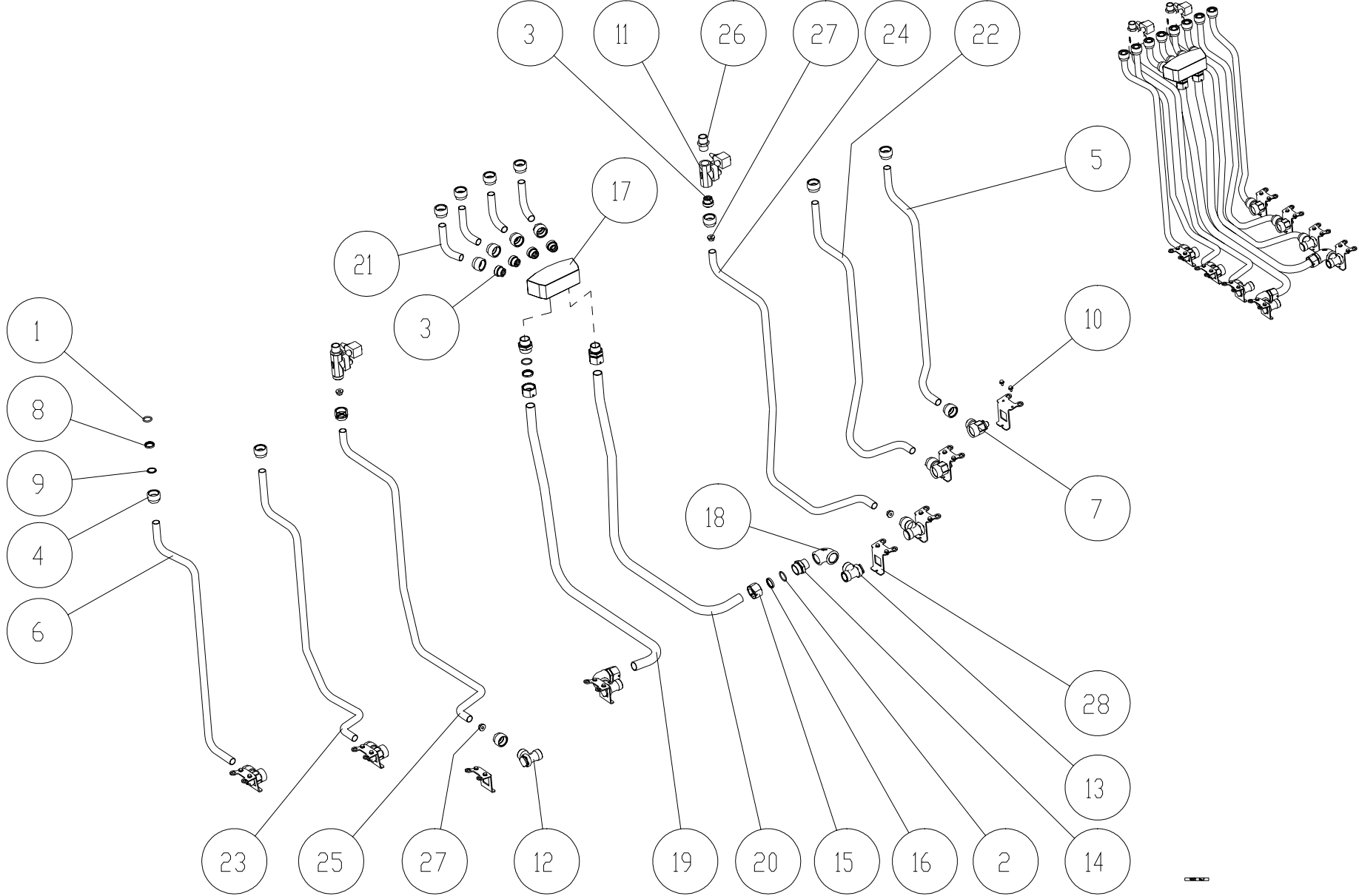
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 28.00x3.00	Joint Torique 28.00x3.00	900050-032	
3	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
4	Pressure Nut 22 mm pipe	Ecrou (pression) 22mm tube	900417	
5	VR Adapter G1" (Coax)	Adaptateur RV G1" (coax)	900513	
6	Pressure Ring	Bague De Pression	900523	
7	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
8	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
9	Standard Hose Adapter	Apdaptateur standard pour flexible	901531	
10	High speed hose adaptor	Adaptateur haut vitesse pour flexible	901611	
11	Nipple 28mm M36x2-R1"	Douille 28mm M36x2-R1"	901767	
12	Pressure Nut 28mm pipe	Ecrou de pression tube 28mm	901770	
13	Pressure Ring 28mm	Bague de Pression 28mm	901771	
14	Pipe 2A 28mm steel 2F2C VHS	Tube 2A 28mm Acier 2F2C VHS	901833	
15	Pipe 2B 28mm steel 2F2C VHS	Tube 2B 28mm Acier 2F2C VHS	901834	
16	VHS Manifold	Embranchement pour VHS	902045	
17	Elbow 3/4"F-3/4"F galv	Coude 3/4"F-3/4"F galv	902084-002	
18	Manifold-in pipe 1B 22mm	Tube pour Embranchement 1B 22mm	902115	
19	HMS pipe 1A VHS 2F2C	HMS tube 1A VHS 2F2C	902176	
20	HMS pipe 1B VHS 2F2C	HMS tube 1B VHS 2F2C	902177	
21	Flow reducing ring dia 8.0mm	Reducteur debit dia 8.0mm	902283	
22	Pipe Nipple 1"x1"x100	Mamelon de pipe 1"x1"x100	904919	
23	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



Issue A

4.10.4 VALVE BOX TO HOSE - MODEL VHS 3-6 (130 L/MIN + 40 L/MIN)

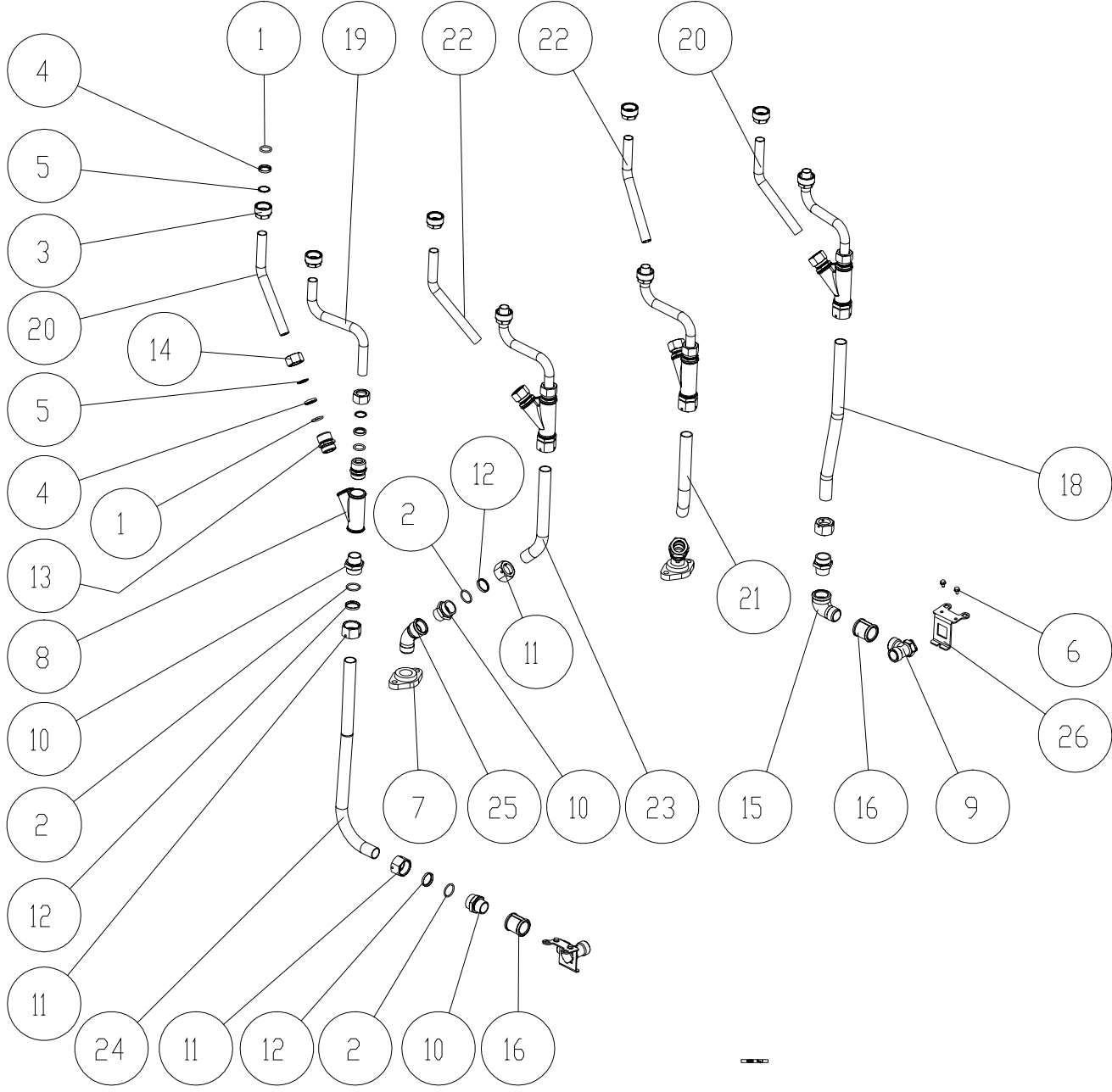
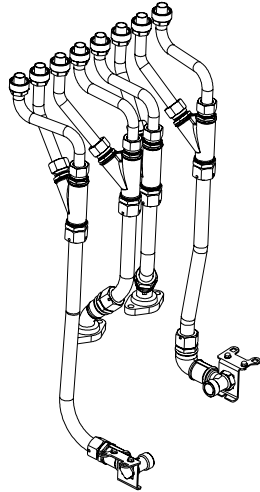
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 28.00x3.00	Joint Torique 28.00x3.00	900050-032	
3	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
4	Pressure Nut 22 mm pipe	Ecrou (pression) 22mm tube	900417	
5	Pipe 2 after valvebox 2A	Tube 2 après cage soupape 2A	900424	
6	Pipe 1 after valvebox 1A	Tube 1 après cage soupape 1A	900426	
7	Pipe 5 after valvebox 1B	Tube 5 après cage soupape 1B	900427	
8	Pipe 6 after valvebox 2B	Tube 6 après cage soupape 2B	900428	
9	VR Adapter G1" (Coax)	Adaptateur RV G1" (coax)	900513	
10	Pressure Ring	Bague De Pression	900523	
11	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
12	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
13	Standard Hose Adapter	Adaptateur standard pour flexible	901531	
14	High speed hose adaptor	Adaptateur haut vitesse pour flexible	901611	
15	Nipple 28mm M36x2-R1"	Douille 28mm M36x2-R1"	901767	
16	Pressure Nut 28mm pipe	Ecrou de pression tube 28mm	901770	
17	Pressure Ring 28mm	Bague de Pression 28mm	901771	
18	VHS Manifold	Embranchement pour VHS	902045	
19	Elbow 3/4"F-3/4"F galv	Coude 3/4"F-3/4"F galv	902084-002	
20	Pipe 3B 28mm steel 3F3C VHS	Tube 3B 28mm Acier 3F3C VHS	902111	
21	Pipe 3A 28mm steel 3F3C VHS	Tube 3A 28mm Acier 3F3C VHS	902112	
22	Manifold-in pipe 1B 22mm	Tube pour Embranchement 1B 22m	902115	
23	Flow reducing ring dia 8.0mm	Reducteur debit dia 8.0mm	902283	
24	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



Issue A

4.10.5 VALVE BOX TO HOSE - MODEL VHS 4-8 (130 L/MIN + 40 L/MIN)

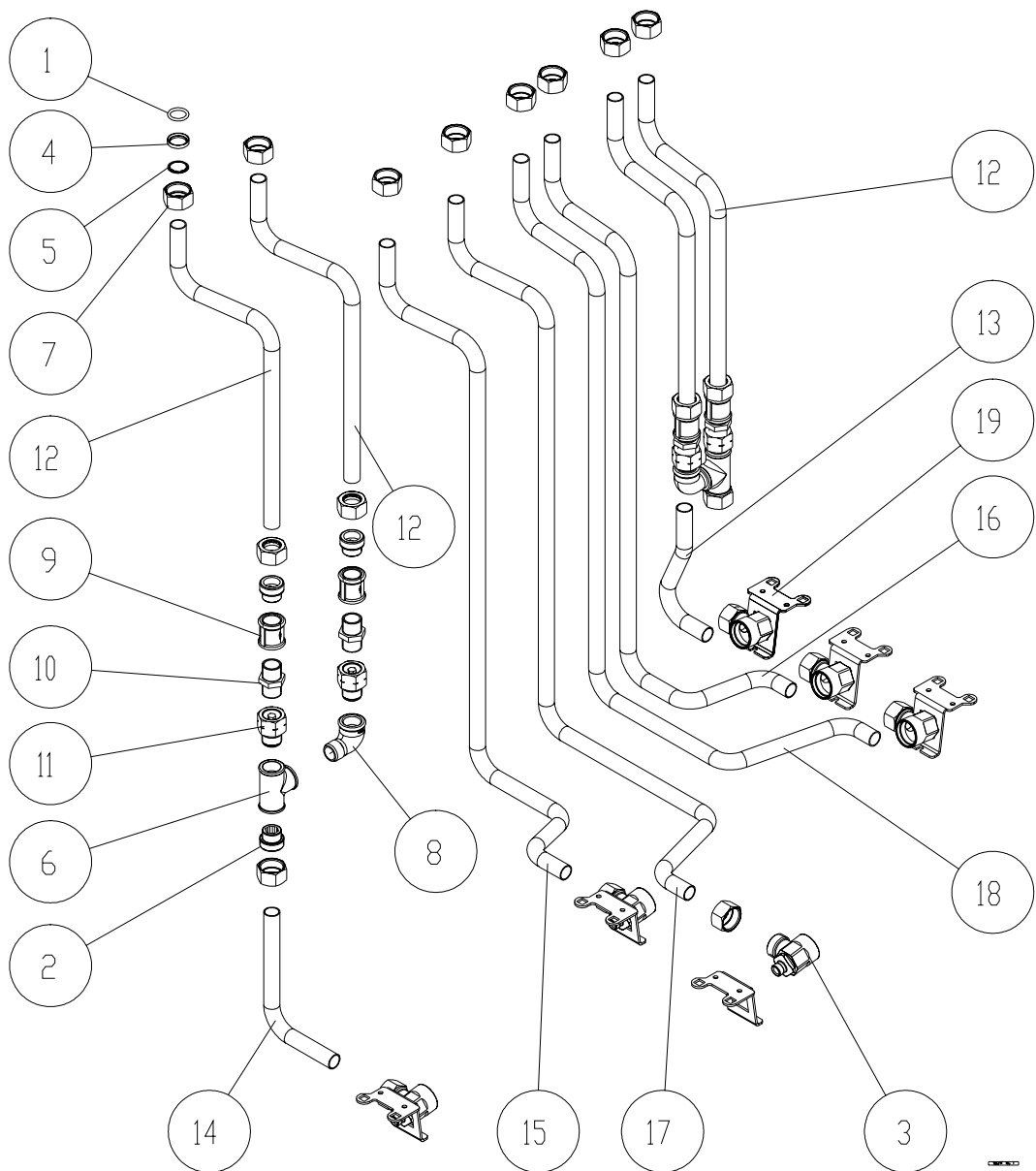
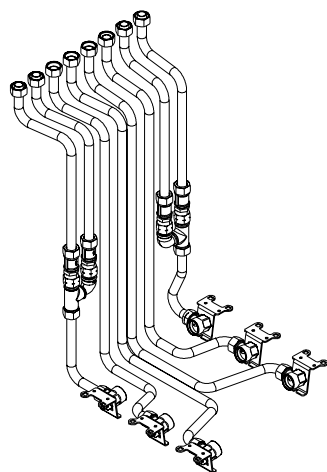
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-Ring 28.00x3.00	Joint Torique 28.00x3.00	900050-032	
3	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	
4	Pressure Nut 22 mm pipe	Ecrou (pression) 22mm tube	900417	
5	Pipe 1 after valvebox 1A	Tube 1 après cage soupape 1A	900426	
6	Pipe 5 after valvebox 1B	Tube 5 après cage soupape 1B	900427	
7	VR Adapter G1" (Coax)	Adaptateur RV G1" (coax)	900513	
8	Pressure Ring	Bague De Pression	900523	
9	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
10	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
11	Standard valve 3/4 inch inline	Soupape 3/4" défaut	900919	
12	Standard Hose Adapter	Apdaptateur standard pour flexible	901531	
13	High speed hose adaptor	Adaptateur haut vitesse pour flexible	901611	
14	Nipple 28mm M36x2-R1"	Douille 28mm M36x2-R1"	901767	
15	Pressure Nut 28mm pipe	Ecrou de pression tube 28mm	901770	
16	Pressure Ring 28mm	Bague de Pression 28mm	901771	
17	VHS Manifold	Embranchement pour VHS	902045	
18	Elbow 1"F-1"F galv	Coude 1"F-1"F galv	902084-002	
19	Pipe 4B 28mm steel 4F4C VHS	Tube 4B 28mm Acier 4F4C VHS	902113	
20	Pipe 4A 28mm steel 2F2C VHS	Tube 4A 28mm Acier 4F4C VHS	902114	
21	Manifold-in pipe 1B 22mm	Tube pour Embranchement 1B 22mm	902115	
22	HMS extra pipe 2A 4F4C VHS	HMS extra tube 2A 4F4C VHS	902204	
23	HMS extra pipe 2B 4F4C VHS	HMS extra tube 2B 4F4C VHS	902205	
24	HMS pipe 5A VHS 4F4C	HMS tube 5A VHS 4F4C	902210	
25	HMS pipe 5B VHS 4F4C	HMS tube 5B VHS 4F4C	902211	
26	R3/4" x R3/4" Nipple	Machon R3/4" x R3/4"	902212-001	
27	Flow reducing ring dia 8.0mm	Reducteur debit dia 8.0mm	902283	
28	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



Issue A

4.10.6 VALVE BOX TO HOSE - MODEL VHSM (MASTER)

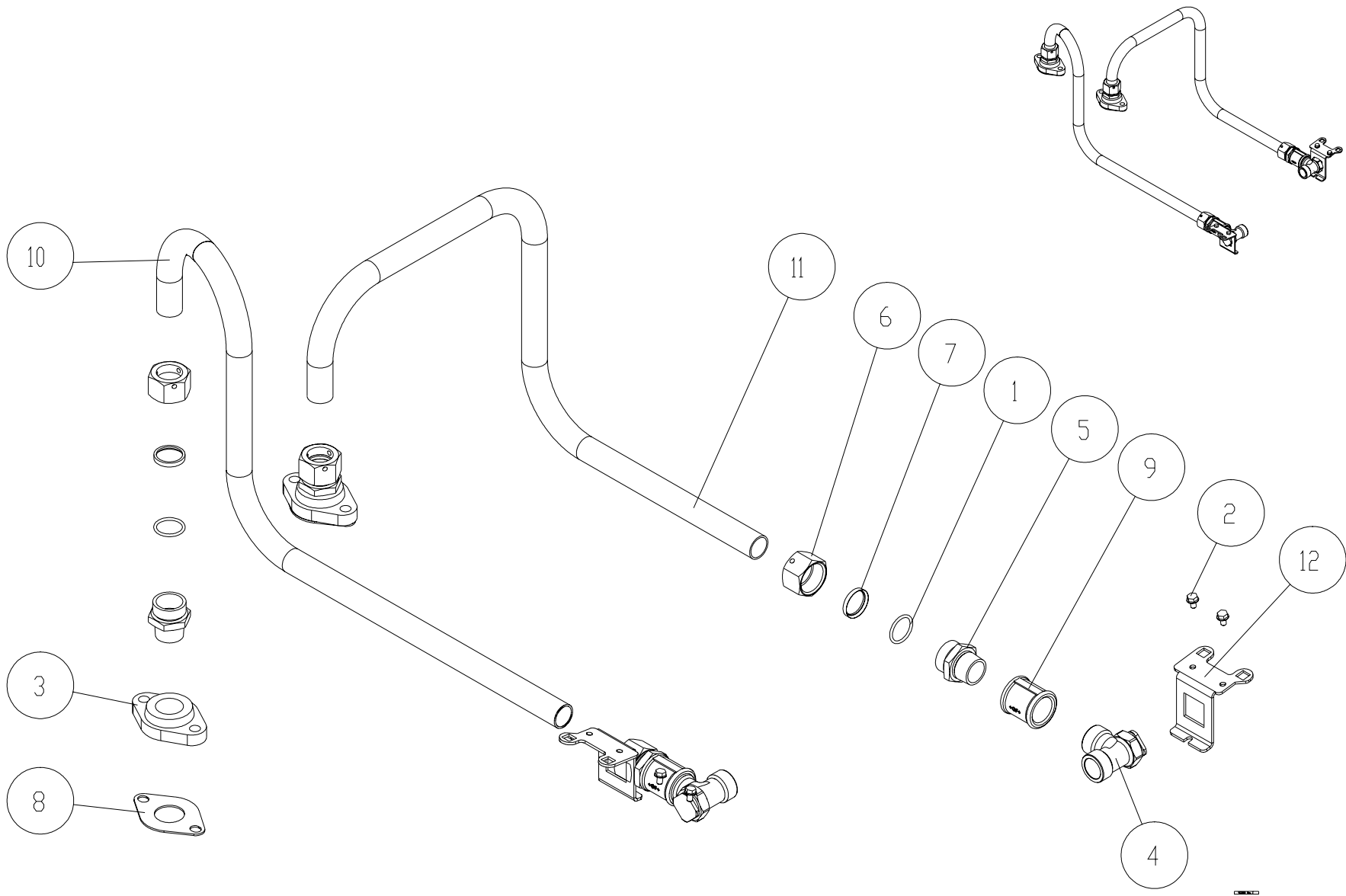
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	O-ring 28.00x3.00	Joint Torique 28.00x3.00	900050-032	
3	Pressure Nut 22mm pipe	Ecrou (pression) 22mm tube	900417	
4	Pressure Ring	Bague De Pression	900523	
5	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
6	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
7	Flange 1" 78mm	Bride 1" 78mm	901320-001	
8	T45° egal piece 1"	Té45° égale pièce 1"	901610-001	
9	High speed hose adaptor	Adaptateur haut vitesse pour flexible	901611	
10	Nipple 28mm M36x2-R1"	Douille 28mm M36x2-R1"	901767	
11	Pressure Nut 28mm pipe	Ecrou de pression tube 28mm	901770	
12	Pressure Ring 28mm	Bague de Pression 28mm	901771	
13	Nipple 22mm G1"-G1"	Douille 22 mm G1"-G1"	901772	
14	Pressure Nut 22 mm Brass	Ecrou Pression 22mm Laiton	901858	
15	Elbow 1" M F	Coude 1" M F	901866-001	
16	Socket 1"	Manchon 1"	901867-001	
17	Q500T Curve Assy 1 master	Q500T Curve Ass	902032	
18	Pipe A1 28mm MASTER after split	Tube A1 apres embr double	902049	
19	Pipe A1/B1 22mm MASTER	Tube A1/B1 22mm MASTER	902050	
20	Pipe A2/B2 22mm MASTER	Tube A2/B2 22mm MASTER	902051	
21	Pipe A2 28mm MASTER after split	Tube A2 apres embr double	902052	
22	Pipe A3/B3 22mm MASTER	Tube A3/B3 22mm MASTER	902053	
23	Pipe B2 28mm MASTER after split	Tube B2 apres embr double	902055	
24	Pipe B1 28mm MASTER after split	Tube B1 apres embr double	902058	
25	1" Elbow 45 ang M-F	1" Courbe 45 ang M-F	902110-001	
26	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



Issue A

4.10.7 VALVE BOX TO HOSE ASSEMBLY - COMBINED HOSE MODELS (CH2 2-2, CH2 3-4, CH2 4-6, CH2 HS 3-4, CH2 4-6)

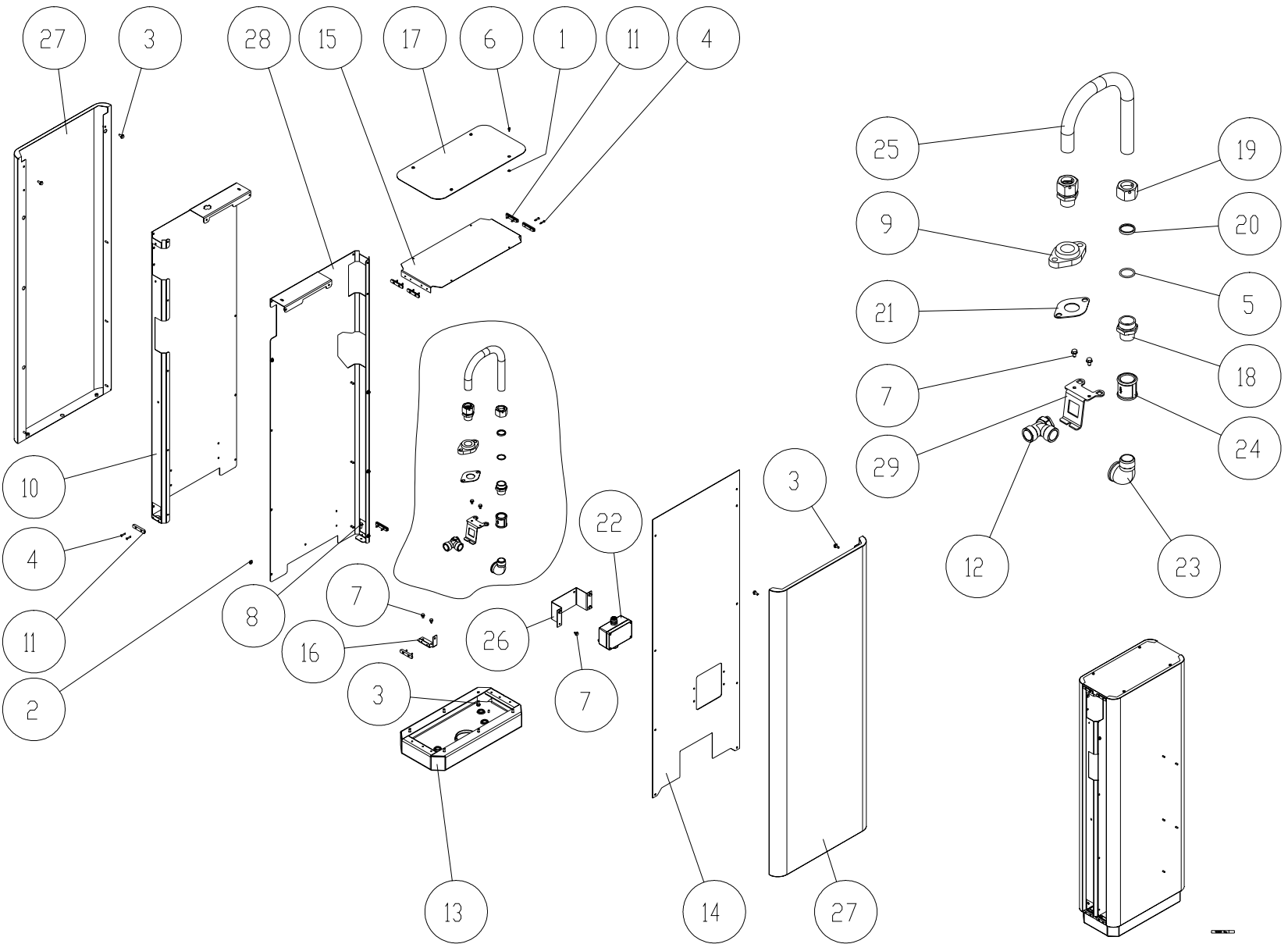
Item No	Description	Désignation Français	Part No	Comments
1	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	
2	Nipple 22mm G1	Douille 22mm G1	900416	
3	VR Adapter G1	VR Adaptateur G1	900513	
4	Pressure Ring	Bague De Pression	900523	
5	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	
6	T 3/4" Female Thread	Raccord Te 3/4" Filet Fem	900847-001	
7	Pressure Nut 22mm brass	Ecrou Pression 22mm laiton	901858	
8	Coupling 3/4 M-F	Coude 3/4	901866-002	
9	Socket 3/4"	Manchon 3/4"	901867-002	
10	R3/4" x R3/4" Nipple	Machon R3/4" x R3/4"	902212-001	
11	Checkvalve low speed	Valve bas vitesse	902973	
12	Pipe Valvebox to check valve	Tube cage soupape	905000	
13	Pipe Check valve to col 1 A	Pipe Check valve to col 1 A	905001	
14	Pipe check valve to col 1B	Pipe check valve to col 1B	905002	
15	Pipe CH2 VB 3B - COL2	Tube CH2 CS 3B - COL2	905013	
16	Pipe CH2 VB 3A - COL2	Tube CH2 CS 3A - COL2	905014	
17	Pipe CH2 VB 4B - COL3	Tube CH2 CS 4B - COL3	905015	
18	Pipe CH2 VB 4A - COL3	Tube CH2 CS 4A - COL3	905016	
19	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



Issue A

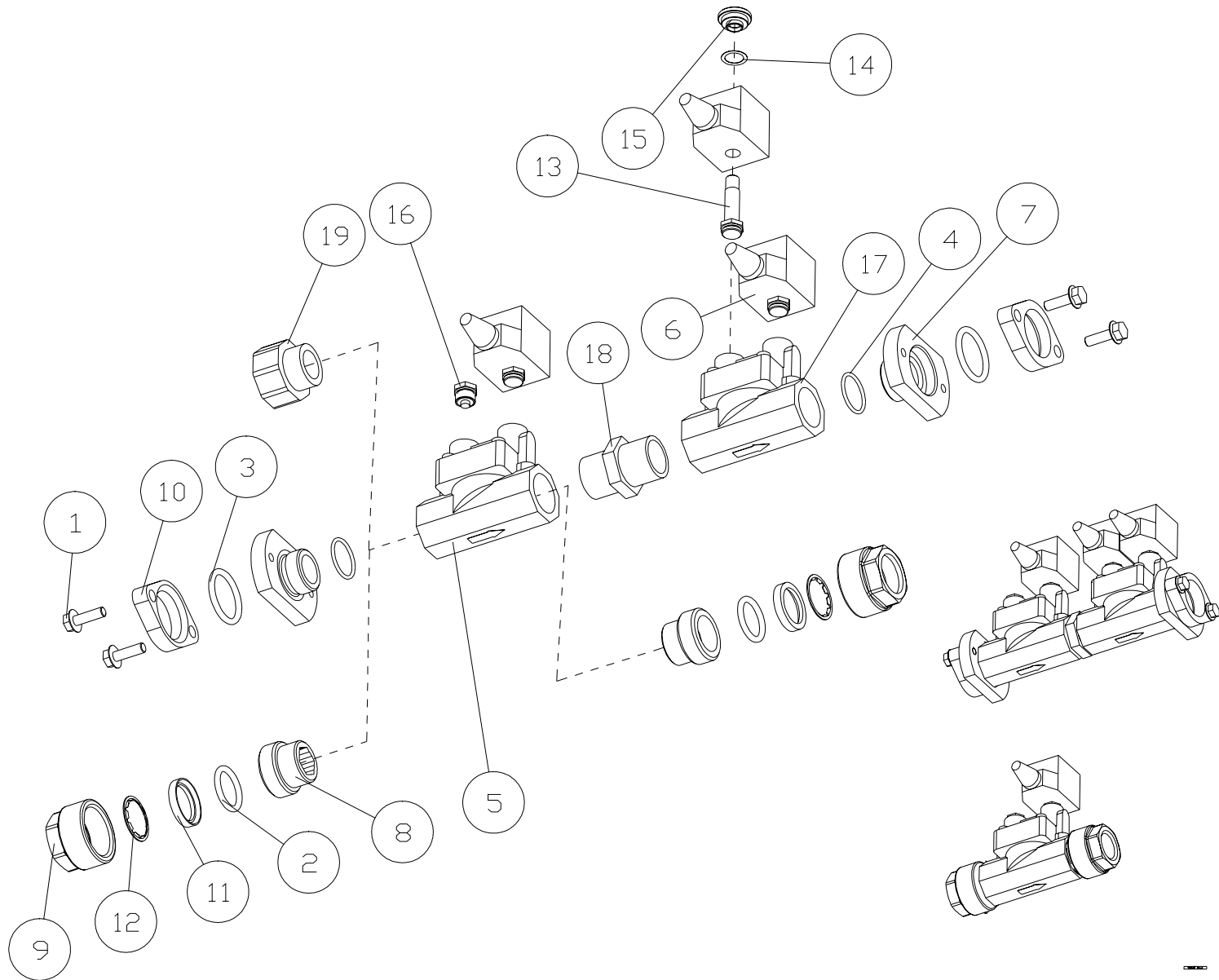
4.11 Inlet to Hose Assembly (Satellite)

Item No	Description	Désignation Français	Part No	Comments
1	O-ring 28.00x3.00	Joint Torique 28.00x3.00	900050-032	
2	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
3	Flange 1" 78mm	Bride 1" 78mm	901320-001	
4	High speed hose adaptor	Adaptateur haut vitesse pour flexible	901611	
5	Nipple 28mm M36x2-R1"	Douille 28mm M36x2-R1"	901767	
6	Pressure Nut 28mm pipe	Ecrou de pression tube 28mm	901770	
7	Pressure Ring 28mm	Bague de Pression 28mm	901771	
8	Gasket - Flange 78-82	Joint de bride 78-82	901859	
9	Socket 1"	Manchon 1"	901867-001	
10	Pipe 28mm SAT Left	Tube 28mm SAT Gauche	901993	
11	Pipe 28mm SAT Right	Tube 28mm SAT Droite	901994	
12	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



4.12 Mini-Sat Assembly

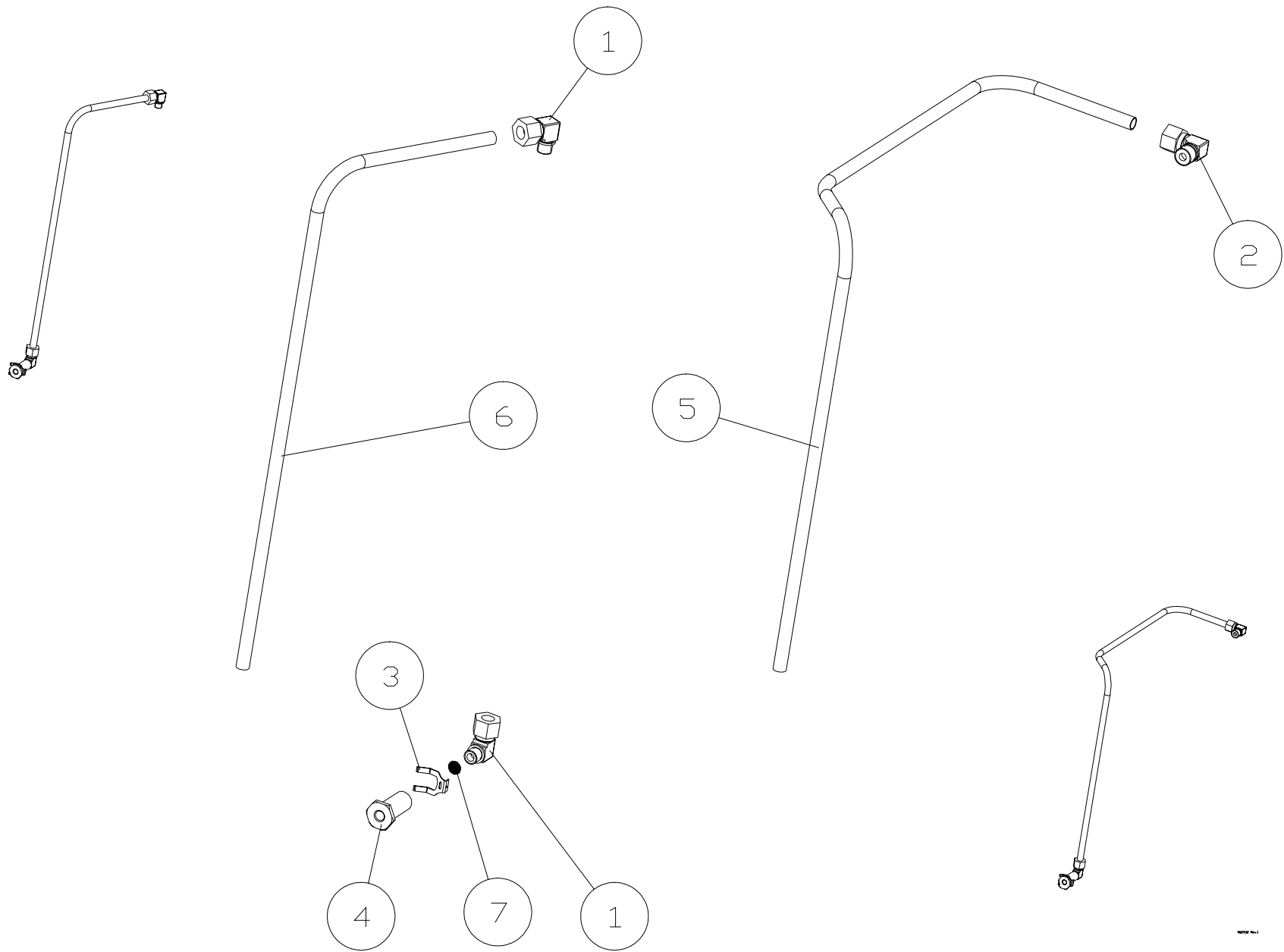
Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
2	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
3	Screw HFHSL M6x16	Vis Hex Br Autobl M6x16	900016-004	
4	Rivet Blind Stainless steel 4.0x16	Rivet aveugle inox 4.0x16.0	900025-003	
5	O-ring 28.00x3.00	Joint Torique 28.00x3.00	900050-032	
6	Screw Torx Thr Form BH M4x10	Vis Torx AutoF TCBL Tril M4x10	900053-001	
7	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
8	Screw HFHTF M6x16	Vis Hex Taraudeuse M6x16	900708-003	
9	Flange 1" 78mm	Bride 1" 78mm	901320-001	
10	HMS Structural Frame Left	HMS Cadre Gauche	901494	
11	Connection block nozzle panel	Connecteur pour Pann Habil	901527	
12	High speed hose adaptor	Adaptateur haut vitesse pour flexib	901611	
13	Q500T Dripray MSAT	Récupération égoutture MSAT	901653	
14	Fire Barrier Q500T MSAT	Ecran leu Q500T MSAT	901706	
15	Vapour Barrier top plate	Ecran lue top plaque	901717	
16	Bracket FB	FB support	901719	
17	Top plate	Top plaque	901722	
18	Nipple 28mm M36x2-R1"	Douille 28mm M36x2-R1"	901767	
19	Pressure Nut 28mm pipe	Ecrou de pression tube 28mm	901770	
20	Pressure Ring 28mm	Bague de Pression 28mm	901771	
21	Gasket - flange 78-82	Joint de bride 78-82	901859	
22	Bernstein Junction box assy satellite	Bernstein Boitier de connection satellite	901863	
23	Elbow 1" M_F	Coude 1" M_F	901866-001	
24	Socket 1"	Manchon 1"	901867-001	
25	Pipe 28mm MSAT	Tube 28mm MSAT	901978	
26	Bernstein Box Bracket	Bernstein boite support	902010	
27	End Column MSAT Q500T	Colonne de fin MSAT Q500T	904344	
28	HMS MSAT Structural Frame Right	HMS MSAT Cadre Droit	904977	
29	Roller/Adapter combined Bracket	Support Combiné Rouleau/Adaptat	906647	



Issue A

4.13 Valve & Fittings Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Screw HFHSL M6x20	Vis Hex Br Autobl M6x20	900016-013	
2	O-Ring 21.82x3.53	Joint Torique 21.82x3.53	900050-001	Q500T only
3	O-Ring 27.80x3.60	Joint Torique 27.80x3.60	900050-016	
4	O-ring 22.00x2.00	Joint Torique 22.00x2.00	900050-030	
5	Piston Valve 3/4" (Dnom = 17mm)	Soupape 3/4" (Dnom=17mm)	900080	
6	COIL 24V EEx m II T4 Fuse	Bobine 24V EEx m II T4 fusible	900082	
7	Flange adaptor G3/4-pipe Ø28	Bride adaptation G3/4-tube Ø28	900315	
8	Nipple 22mm G1"-G3/4"	Douille 22mm G1	900416	Q500T only
9	Pressure Nut 22mm pipe	Ecrou (pression) 22mm tube	900417	Q500T only
10	Flange - oval D28	Bride ovale D28	900475	
11	Pressure Ring	Bague De Pression	900523	Q500T only
12	Fixing Spring Ring 22mm	Bague De Pression 22mm	900525	Q500T only
13	Plungerhouse + plunger	Plongeur complete	900723	
14	Spring for plunger	Ressort de plongeur	900724	
15	Nut for plunger	Ecrou pour plongeur	900725	
16	Stop+seal inline valve	Bouchon soupape	900726	
17	Piston valve 3/4" drilled	Soupape 3/4" foré	900788	
18	R3/4" x R3/4" Nipple	Machon R3/4" x R3/4"	902212-001	
19	Adaptor 1" F - 3/4" M	Adaptata F1 x M3/4	902968	Q500T only - 40/80 option



Issue A

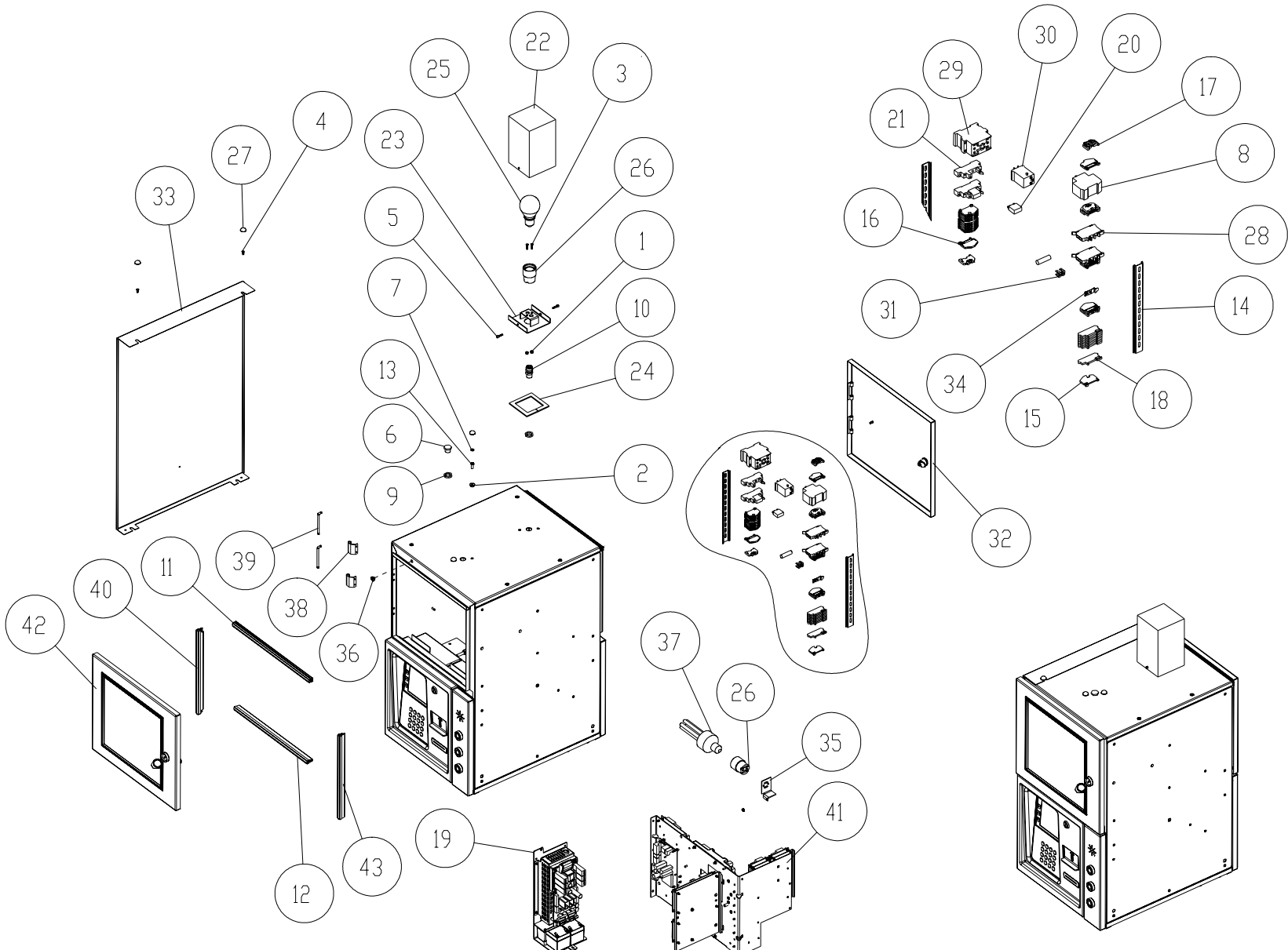
4.14 Air Vent Pipe Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Elbow Compr 1/4" BSPM 12mm	EQ-PIQ-M12-1/4	900031-001	
2	Elbow Compr 3/8" BSPM 12mm	EQ-PIQ-M12-3/8	900031-002	
3	Steel Horseshoe Clip	Fixation H/Shoe acier	900057	
4	Vent outlet	Mise à l'atmosphère	901724	
5	Pipe - air vent PAS V3	Tube mise en atmosphère PAS V3	902346	PAS V3
6	Pipe - air vent EPZ	Tube mise en atmosphère EPZ	902347	EPZ
7	Gauze - Flame arrestor	Grillage Pare Flamme	902358	

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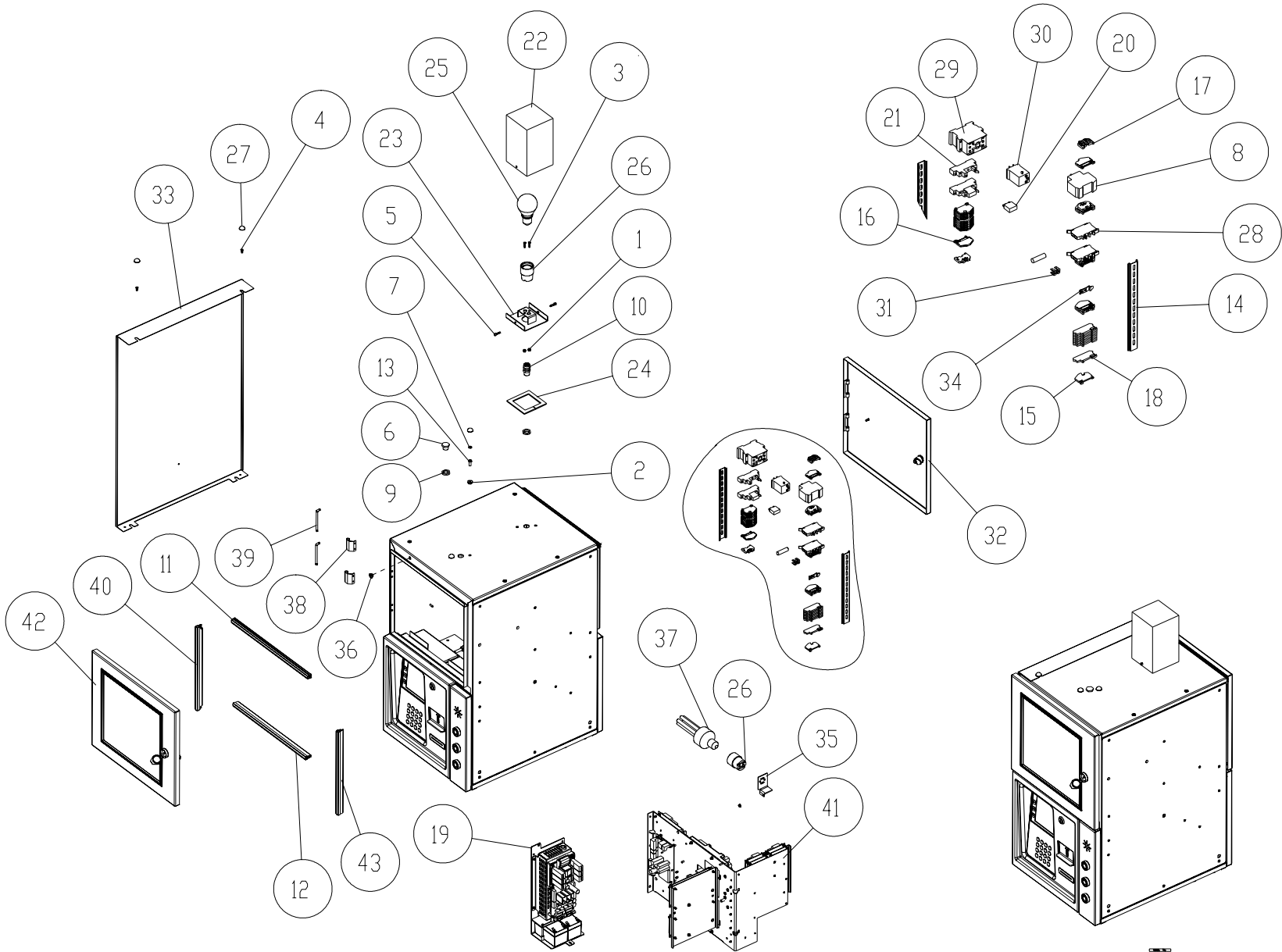


5 DISPENSER ELECTRONICS

5.1 Calculator Head Assembly

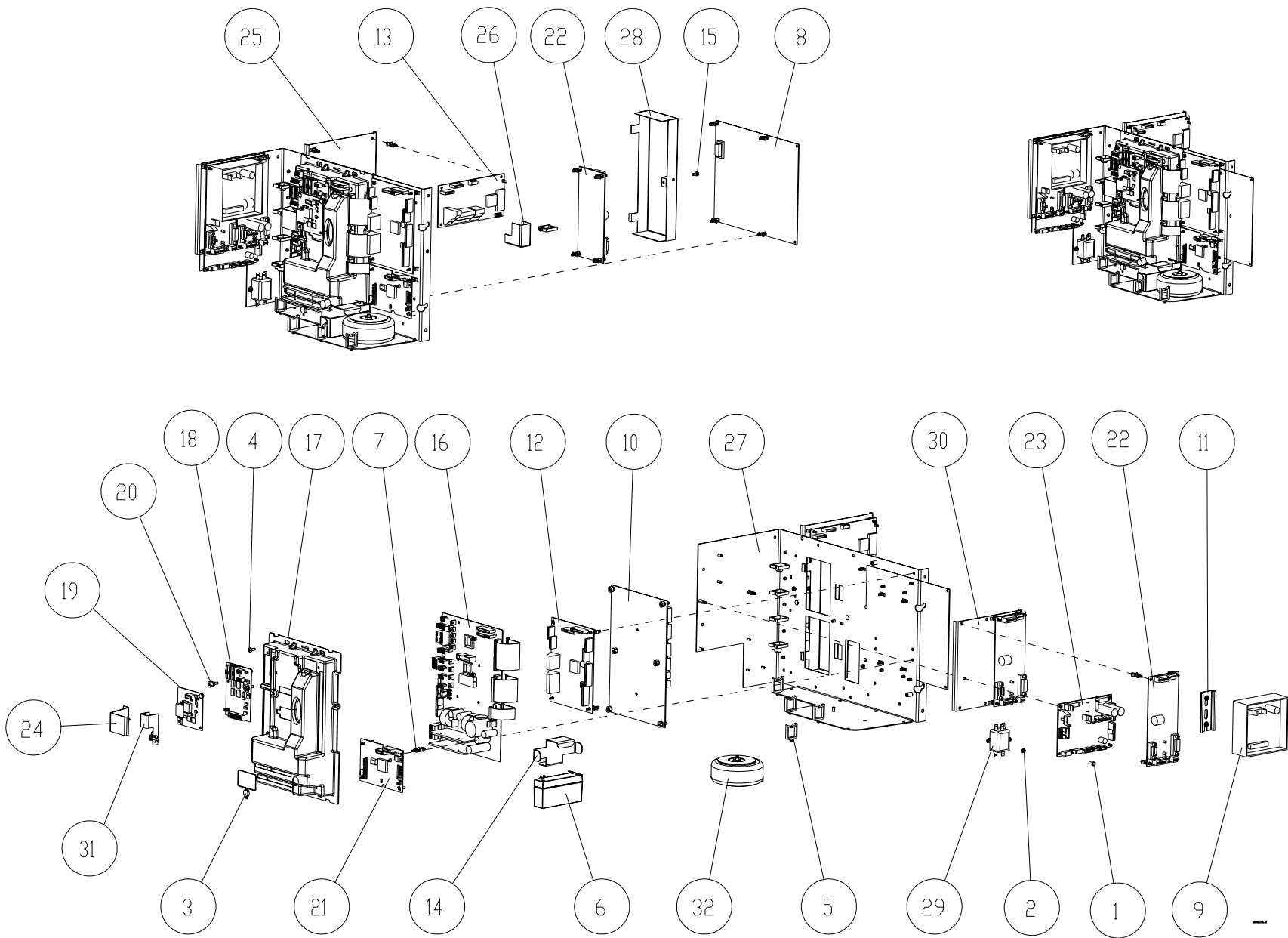
Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Prev Torque M4	Ecrou Frein M4	900012-004	
2	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
3	Screw SCS M4x16	Vis FS M4x16	900014-007	
4	Screw SCS M4x10	Vis FS M4x10	900014-009	
5	Screw HSHC M4x16	Vis CHC M4x16	900017-014	
6	Plug M16 x 1,5 EEXE/IP66	Bouchon PG M16 x 1,5 EEXE/IP66	900044-004	
7	O-ring 5,70x1,90	Joint Torique 5,70x1,90 (R5)	900050-044	
8	Main Switch 380 V / 32 A	Int Princ 380 V / 32 A	900074	
9	Nut Hex M16 x 1,5 (Capri)	Ecrou Hex M16 x 1,5 (Capri)	900088-004	
10	Gland M16X1,5 Eexell 5-8mm	PE M16X1,5 Eexell/ 5-8mm	900362-001	
11	Seal EMKA 1011-06 length 370 mm	Joint tube EMKA 1011-06 Lg 370 mm	900729-009	
12	Seal EMKA 1011-05 length 353	Seal EMKA 1011-05 length 353	900730-016	
13	Screw HSB M6x16	Vis M6x16	900795-002	
14	Rail TS 35 I=320	Rail de bornier TS 35 I=320	901432-004	
15	Clamps 3 ways 2.5QMM Green/Yellow	Borne 3 voies 2.5QMM vert/Jaune	901710-001	
16	Clamps 4 ways 2.5QMM Grey	Borne 4 voies 2.5 QMM Gris	901711-001	
17	Endstop grey 35mm 249-116	Butée arrêt grise 35mm 249-116	901712-001	
18	Terminal clamp 2x2 way	Terminal clamp 2x2 way	901714-001	
19	DIT PSU Assy	DIT PSU assemblée	902075	Refer to DIT PSU drawing
20	Relay 10A single pole contact	Relais contact simple pôle 10A	902236-001	
21	Relay socket TS35 RAIL 10A 25	Cavité relais TS35 RAIL 10A 25	902237-001	
22	OPT lamp-cover	OPT abat jour	902307	
23	OPT lamp-base	OPT-garniture	902308	
24	OPT-lampseal	OPT-etancheteite	902309	
25	Lamp	Lampe	902312-001	

(Cont.)



5.1 Calculator Head Assembly (Cont.)

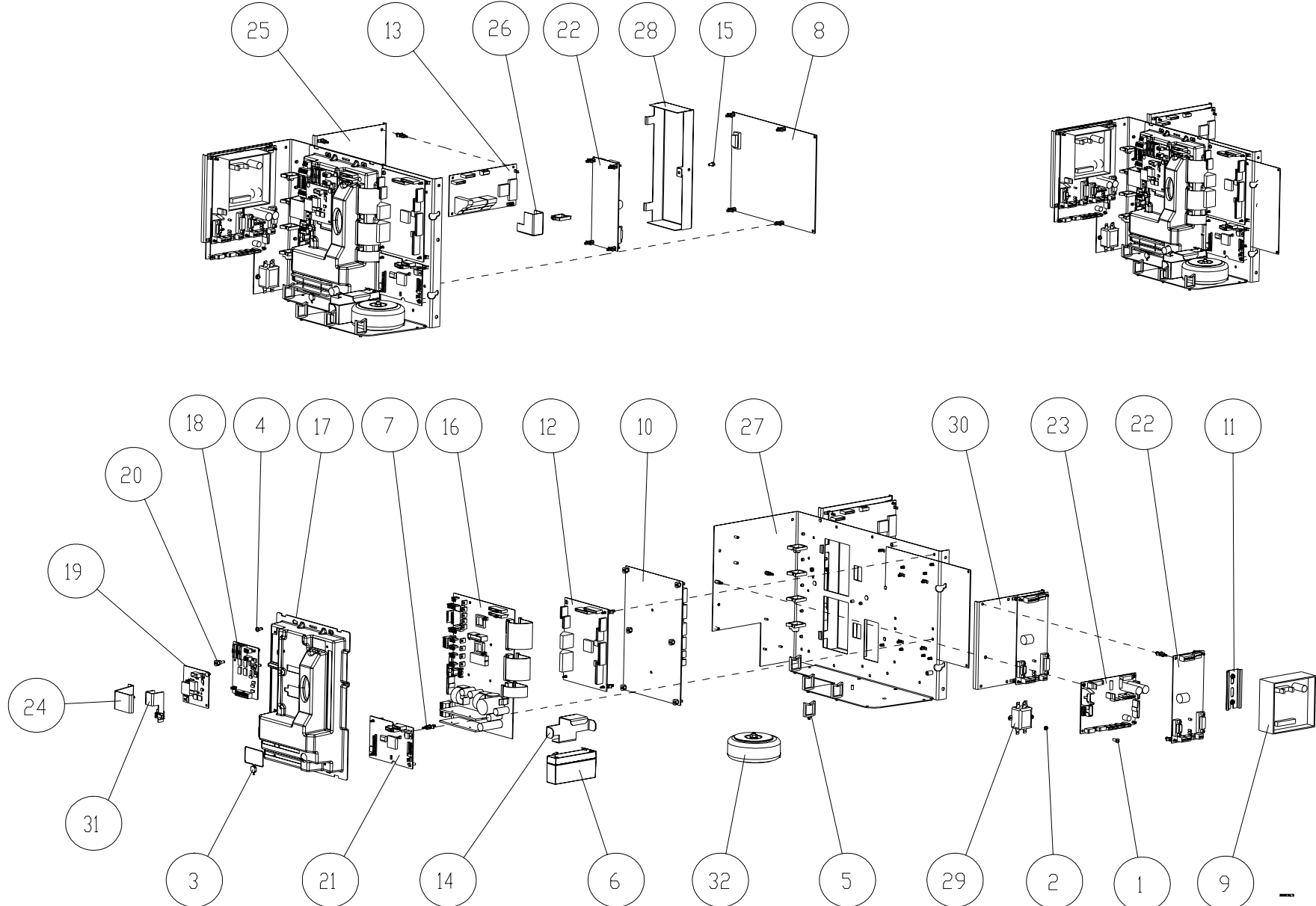
Item No	Description	Désignation Français	Part No	Comments
26	E27-lampfitting	E27-garniture	902313-001	LCD display door only
27	Snap Cap	Vis M6x20	903192-001	
28	Fuse holder for 6,3x32 fuse	Porte fusible section 6.3x32	903482	
29	Contactor DIL 0M 230V 50Hz	Contactor DIL 0M 230V 50Hz	905174-001	
30	Mechanical Latching Module V DIL 230V 5	Mechanical Latching Module V DIL 230V 5	905175-001	
31	Vibration contact	Vibration contact	905176	
32	Assy Calc door Blind	Assy Calc door Blind	905877	Refer to LCD/FP Door drawings
33	Front Cladding Single Box St Steel	Hab avant electronique boite inox	906272	Stainless steel
	Front Cladding Single Box	Hab avant electronique boite	906273	
	Front Cladding Single Box ACP	Hab avant electronique boite ACP	907061	Additional Corrosion Protection
	Front Cladding Single Box Typeplate	Hab avant electronique boite plaque	907162	With typeplate
	Front Cladding Single Box Typeplate Sst	Hab avant electronique boite plaque inox	907163	With typeplate & Stainless Steel
	Front Cladding Single Box Typeplate ACP	Hab avant electronique boite plaque ACP	907164	With typeplate & Add Corrosion Prot
34	Din rail snap on bracket	Din rail snap on bracket	906275-002	
35	Bracket lamp	Parenthèse de lampe	906537	LCD display door only
36	Gore Supra Vent	Gore Supra Vent	906628	
37	Lamp DULUX -EL	Lampe DULUX_EL	906661	LCD display door only
38	Emka 1069-U1 Inner Brkt	Emka 1069-U1 Charnière intérieure	907368	
39	Emka 1069-U1 Pin	Emka 1069-U1 Goupille	907370	
40	Rubberseal Calc LHS	Joint tube Calc LHS	907422	
41	AdBlue centerplate	AdBlue centerplate	907968-003	Refer to Centreplate drawing
42	Assy Calc door LCD	Assy Calc door LCD	907991	Refer to LCD/FP Door drawings
43	Rubberseal Calc	Joint tube Calc	908832	



5.2 Centre Plate Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M4x10	Vis CS M4x10	900007-001	
2	Nut Hex Self Lock M3	Ecrou Bride Autobloquant M3	900013-006	
3	Sealing Lead	Plomb à pincer	900040	
4	Screw CRRCH M4x10	Vis CBLZ M4x10	900052-003	
5	Wire Clip max entas. 19	Fixation câble Max Bundle 19	900058-001	
6	Battery 6V 1.2 Ah	Batterie 6V 1.2 Ah	900075-001	
7	Lock. Circuitboard Support 9,5mm	Tabl circ verrouil Sup. 9.5mm	900456-001	
8	COCA SOM Speaker Board	COCA SOM Haut Parleur Monte	900550	
9	ERZ assy VFM Zener barrier	ERZ assy VFM Zener barrier	901207	
10	WWC IO Board V5	WWC IO Board V5	901410	
11	Rail TS 35 l=75	Rail de bornier TS 35 l=75	901432-001	
12	OCB (Option Controller Board)	Le Controleur d'option Monte	901538	
13	HOM (Hydraulic Option Module)	Module Hydraulique d'option	901539	
14	Bracket Battery Calculator	Encadrer Calc de Batterie	901545	
15	M4x8 Sealing Screw 5-8 StZn	M4x8 Scellant VIS 5-8 StZn	901551-001	
16	WWC Mainboard V4	WWC Mainboard V4	901553	
17	WWC-251-Cover	WWC-251-Couvrir	901559	
18	PCB/WWC022/EIB/IO EXT BRD	PCB/WWC022/EIB/IO EXT MONTE	901561	
19	WWC Comms Board Gen	WWC Communication Monter Gen	901562	
20	11mm Nylon Board Support	11mm Nylon monter soutien	901563-002	
21	User Access Module IR only	Utilisateur Accede le Module IR Seulement	901565	
22	EPSI Interface ZSR/B 2 IN 1	EPSI Interface ZSR/B 2 IN 1	902958	
23	VRC-3 ECVR board	VRC-3 ECVR board	904197	
24	Mainboard pulser seal	joint de pulser de mainboard	906486	
25	HOM Bracket	Support HOM	906533	
26	HOM sealing bracket	couverture de scellage	906534	

(Cont.)



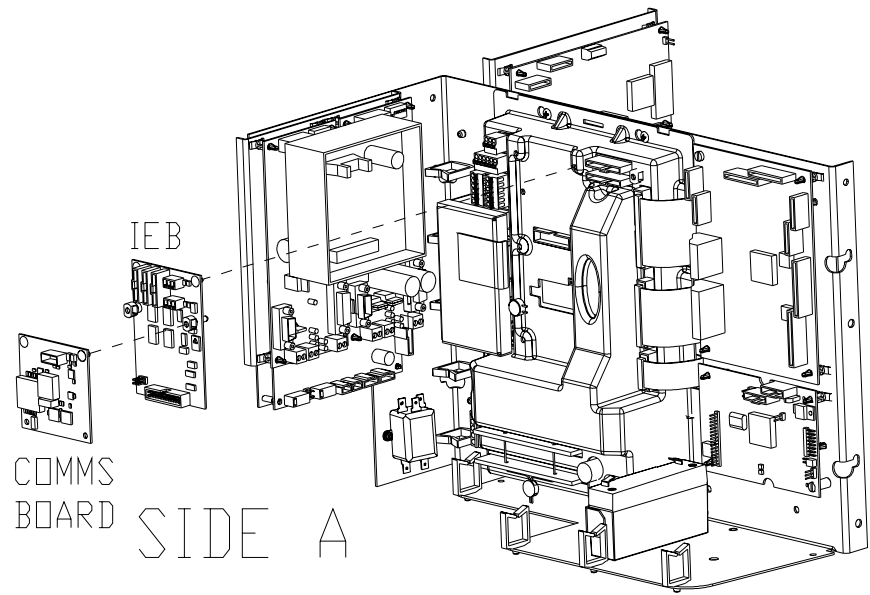
5.2 Centre Plate Assembly (Cont.)

Item No	Description	Désignation Français	Part No	Comments
27	WWC-T1 centre plate v1 assy	WWC-T1 centre plaquer v1 assy	906536	
28	Sealing Cover IO	Couvercle plombage carte I/E	906644	
29	Mains filter	filtre de forces	906645	
30	EPSI bracket	EPSI bracket	907748	
31	Pulser cover	Couvercle emmetteur	9400025980	
32	WWC Toroidal Transformer	WWC Toroidal Transformateur	901541	

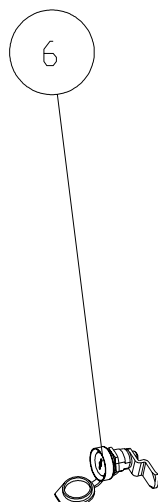
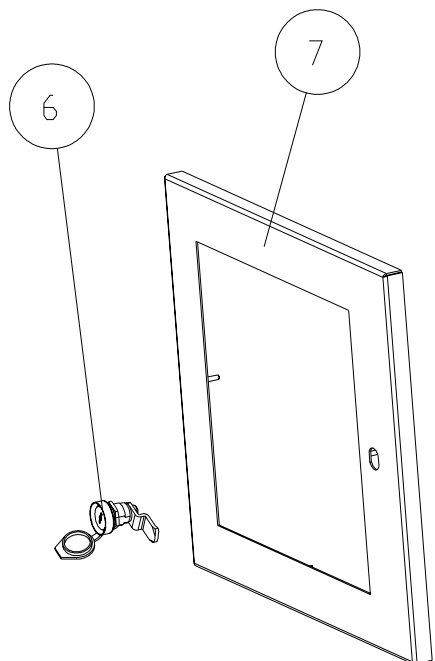
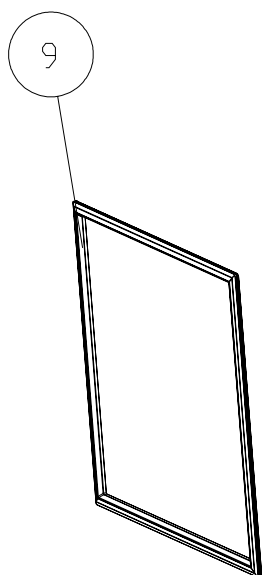
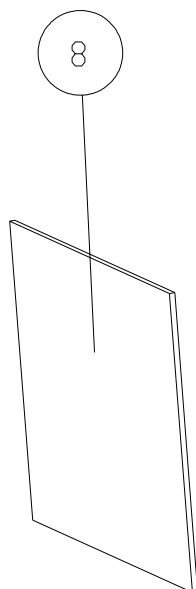
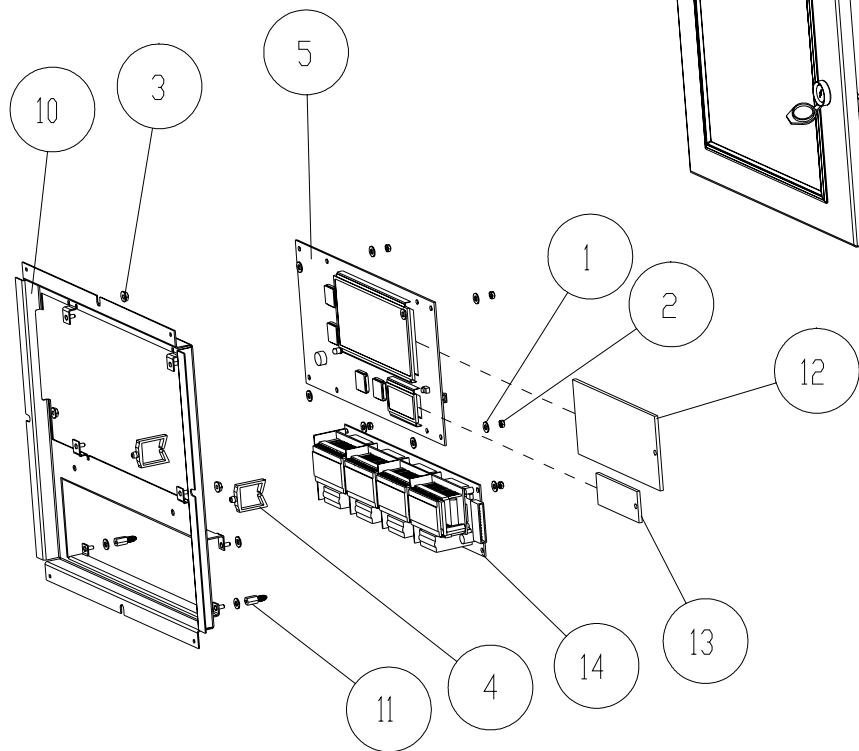
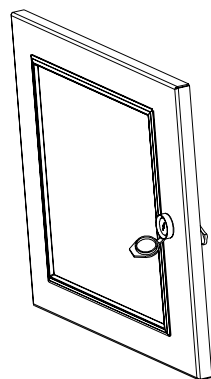
5.2.1 CENTRE PLATE ALTERNATIVES

Description	Désignation Français	Part No	Comments
WWC CP Assy 3-4 Pr STD	WWC CP Asm 3-4 Pr STD	901434	
WWC CP Assy 1-2 Pr STD	WWC CP Asm 1-2 Pr STD	901435	
WWC CP Assy 1-2 Pr LPG	WWC CP Asm 3-4 Pr GPL	901437	
WWC CP Assy 3-4 Pr LPG	WWC CP Asm 1-2 Pr GPL	901439	
WWC CP Version 3	WWC CP Ver 3	901433	
WWC CP 3-4 Pr STD ZSR	WWC CP 3-4 Pr STD ZSR	902540	Germany only
WWC CP 3-4 Pr LPG ZSR	WWC CP 3-4 Pr GPL ZSR	902541	Germany only
WWC CP STD 1-2H ZSR	WWC CP STD 1-2H ZSR	902543	Germany only
WWC CP LPG 1-2H ZSR	WWC CP GPL 1-2H ZSR	902544	Germany only
WWC CP 3-4 Pr STD EPS	WWC CP 3-4 Pr STD EPS	902546	Germany only
WWC CP LPG EPS	WWC CP GPL EPS	902547	Germany only
WWC CP STD 1-2H EPS	WWC CP STD 1-2H EPS	902549	Germany only
WWC CP LPG 1-2H EPS	WWC CP GPL 1-2H EPS	902550	Germany only
WWC CP 3-4 Pr STD TOK	WWC CP 3-4 Pr STD TOK	902552	Germany only
WWC CP LPG TOK	WWC CP GPL TOK	902553	Germany only
WWC CP STD 1-2H TOK	WWC CP STD 1-2H TOK	902555	Germany only
WWC CP LPG 1-2H TOK	WWC CP GPL 1-2H TOK	902556	Germany only
WWC CP 3-4 Pr STD ER3	WWC CP 3-4 Pr STD ER3	902558	Germany only
WWC CP LPG ER3	WWC CP GPL ER3	902559	Germany only
WWC CP STD 1-2H ER3	WWC CP STD 1-2H ER3	902561	Germany only
WWC CP LPG 1-2H ER3	WWC CP GPL 1-2H ER3	902562	Germany only
WWC CP 3-4 Pr STD S&B	WWC CP 3-4 Pr STD S&B	902564	Germany only
WWC CP LPG S&B	WWC CP GPL S&B	902565	Germany only
WWC CP STD 1-2H S&B	WWC CP STD 1-2H S&B	902567	Germany only
WWC CP LPG 1-2H S&B	WWC CP GPL 1-2H S&B	902568	Germany only

5.2.2 COMMUNICATIONS SOFTWARE ALTERNATIVES

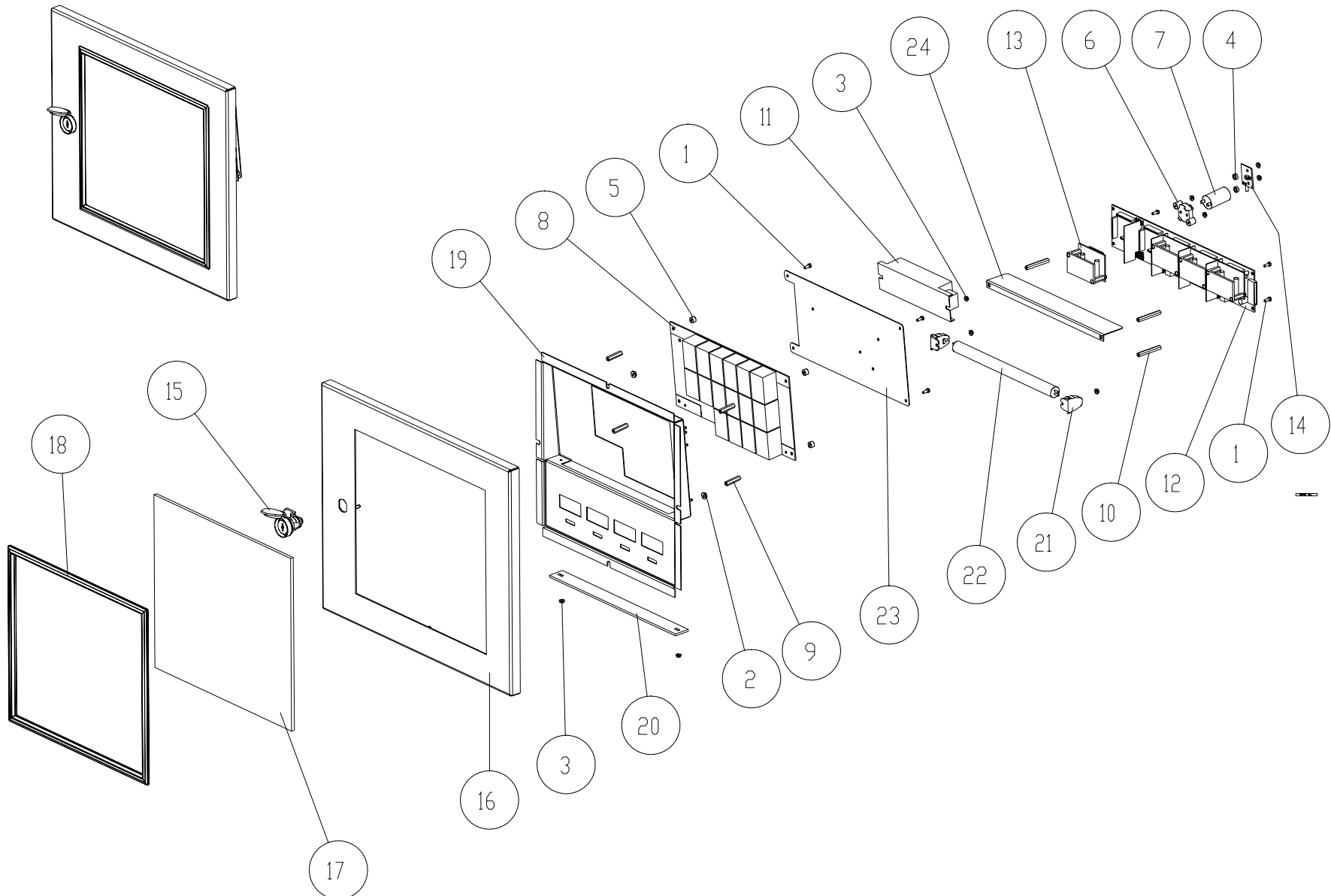


Description	Désignation Français	Part No	Comments
LON/IFSF	LON/IFSF	902254	
M32/M3000	M32/M3001	902255	
FM	FM	902256	
Kienzle/ER3/S&B/DOMS	Kienzle/ER3/S&B/DOMS	902257	
Autotank	Autotank	902258	
Dresser/EPS	Dresser/EPS	902259	
TOK	TOK	902260	
LOG	LOG	902261	
EIN/82D/Sofitam	EIN/82D/Sofitam	900329	



5.3 Door Assembly [LCD Display]

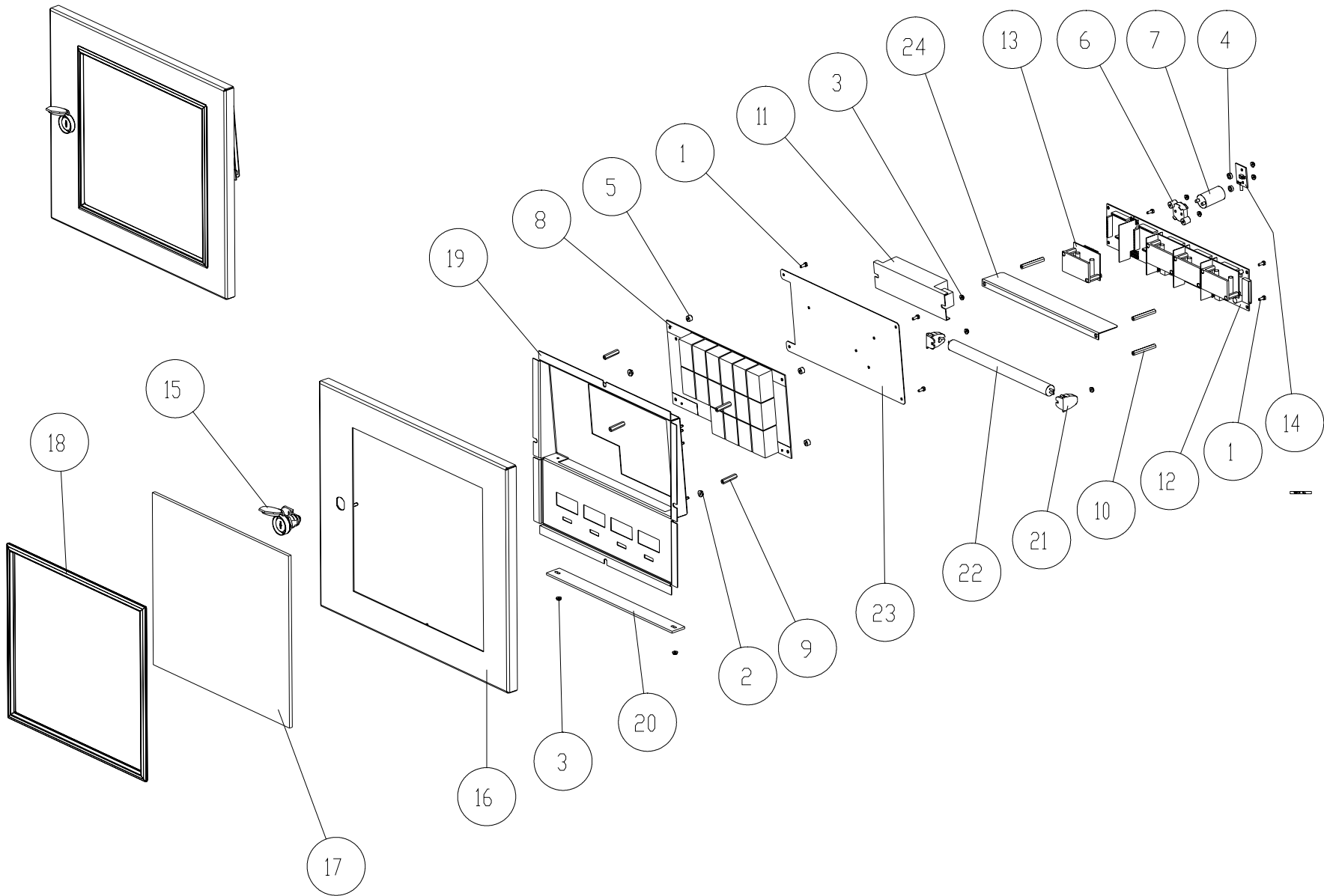
Item No	Description	Désignation Français	Part No	Comments
1	Washer PI M4	Rondelle PI M4	900008-009	
2	Nut Hex M3	Ecrou H M3	900011-008	
3	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
4	Wire clip on base max 19.1	Fixation cable max 19.1	900058-001	
5	Customer Sales Display LCD	Afficheur Prix de Vente LCD	904788	
6	Lock Assy	Serrure asm	-	Refer to Lock drawing
7	Calc door weld Q500T1	Portillon soudé Q500T1	905779	Additional Corrosion Protection
	Calc door weld Q500T1 ACP	Portillon soudé Q500T1 ACP	907058	
	Calc door blind weld Q500T1	Portillon aveugle soudé Q500T1	905780	
	Calc door blind weld Q500T1 ACP	Portillon aveugle soudé Q500T1 ACP	907060	
8	Glass Q500T1	Glace Q500T1	905873	
9	Calc door Seal moulded Q500T1	Joint porte calc moulé Q500T1	905874	
10	LCD Back Plate Q500T1	Support LCD Q500T1	905875	
11	Standoff Locking M3 6x10	Entretoise clip M3 6x10	906122-001	
12	CSD LCD Diffuser VAM	CSD LCD Diffuser VAM	906604-001	
13	CSD LCD Diffuser PPU	CSD LCD Diffuser PPU	906604-002	
14	Optional Peripheral Unit - no EMT	PCB/WWC032/OPU/OPT PER UNIT	901354	
	PCB assy/OPU/1 PR Left EMT	PCB asm/OPU/1 PR G EMT	906897-001	
	PCB assy/OPU/1 PR Right EMT	PCB asm/OPU/1 PR D EMT	906897-002	
	PCB assy/OPU/2 PR Left EMT	PCB asm/OPU/2 PR G EMT	906897-003	
	PCB assy/OPU/2 PR Right EMT	PCB asm/OPU/2 PR D EMT	906897-004	
	PCB assy/OPU/3 PR L/R EMT	PCB asm/OPU/3 PR G/D EMT	906897-005	
	PCB assy/OPU/4 PR Left EMT	PCB asm/OPU/4 PR G EMT	906897-006	
	PCB assy/OPU/4 PR Right EMT	PCB asm/OPU/4 PR D EMT	906897-007	
	PCB assy/OPU/5 PR L/R EMT	PCB asm/OPU/5 PR G/D EMT	906897-008	
	PCB assy/OPU/2nd PR L/R EMT	PCB asm/OPU/2eme PR G/D EMT	906897-009	
	PCB assy/OPU/1 PR L+1 PR R EMT	PCB asm/OPU/1 PR G +1 PR D EMT	906897-010	



5.4 Door Assembly [FP Display]

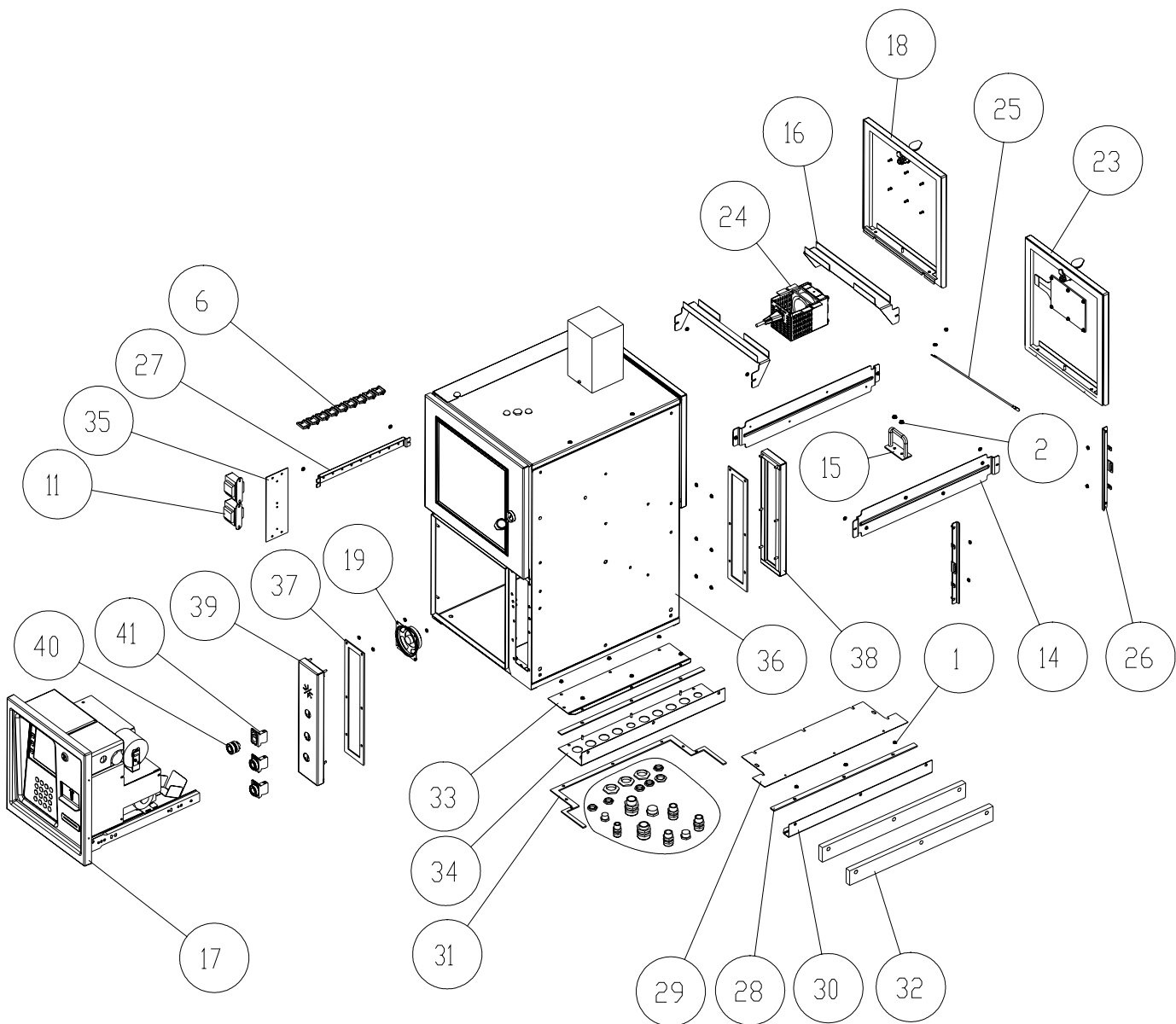
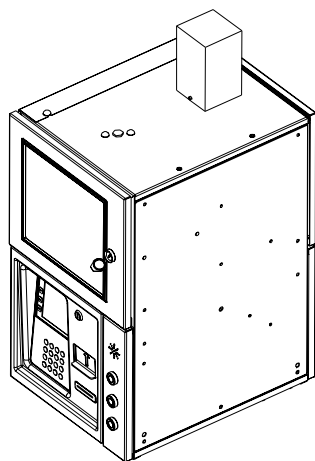
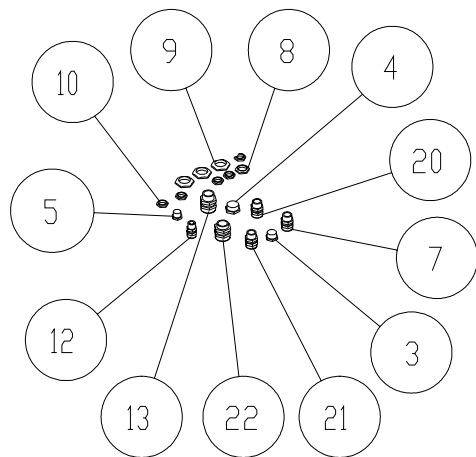
Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M3x8	Vis CS M3x8	900007-008	
2	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
3	Nut Hex Self Lock M3	Ecrou Bride Autobloquant M3	900013-006	
4	Spacer 4.2x8.0x3.0	Entretoise Cyl 4.2x8.0x3.0	900024-006	
5	Spacer 3.2x8x5	Entretoise Cyl 3.2x8x5	900024-011	
6	Starter Base TL	Base Starter TL	900045-001	
7	Starter 240V/4 - 65W	Starter 240V/4 - 65W	900046-001	
8	Cust Sales Display Ferranti	Afficheur prix de vente Ferranti	900383	
9	Spacer Thr Hex FF M3x25x7	Entretoise Hex FF M3x25x7	900711-002	
10	Spacer Thr Hex FF M3x40	Entretoise Hex FF M3x40	900711-022	
11	Ballast 1*18W	Ballast 1*18W	900833-001	
12	Optional Peripheral Unit - no EMT PCB assy/OPU/1 PR Left EMT PCB assy/OPU/1 PR Right EMT PCB assy/OPU/2 PR Left EMT PCB assy/OPU/2 PR Right EMT PCB assy/OPU/3 PR L/R EMT PCB assy/OPU/4 PR Left EMT PCB assy/OPU/4 PR Right EMT PCB assy/OPU/5 PR L/R EMT PCB assy/OPU/2nd PR L/R EMT PCB assy/OPU/1 PR L+1 PR R EMT	PCB/WWC032/OPU/OPT PER UNIT PCB asm/OPU/1 PR G EMT PCB asm/OPU/1 PR D EMT PCB asm/OPU/2 PR G EMT PCB asm/OPU/2 PR D EMT PCB asm/OPU/3 PR G/D EMT PCB asm/OPU/4 PR G EMT PCB asm/OPU/4 PR D EMT PCB asm/OPU/5 PR G/D EMT PCB asm/OPU/2eme PR G/D EMT PCB asm/OPU/1 PR G +1 PR D EMT	901354 906897-001 906897-002 906897-003 906897-004 906897-005 906897-006 906897-007 906897-008 906897-009 906897-010	
13	PCB/WWC033/ODU-PI/PROD IND PIG	PCB/WWC033/ODU-PI/PROD IND PIG	901356	
14	PCB/WWC019/LOB-IR/IR LED OPTION	PCB/WWC019/LOB-IR/IR LED OPTION	901357	
15	Lock Assy	Serrure asm	-	Refer to Lock drawing

(Cont.)



5.4 Door Assembly [FP Display] (Cont.)

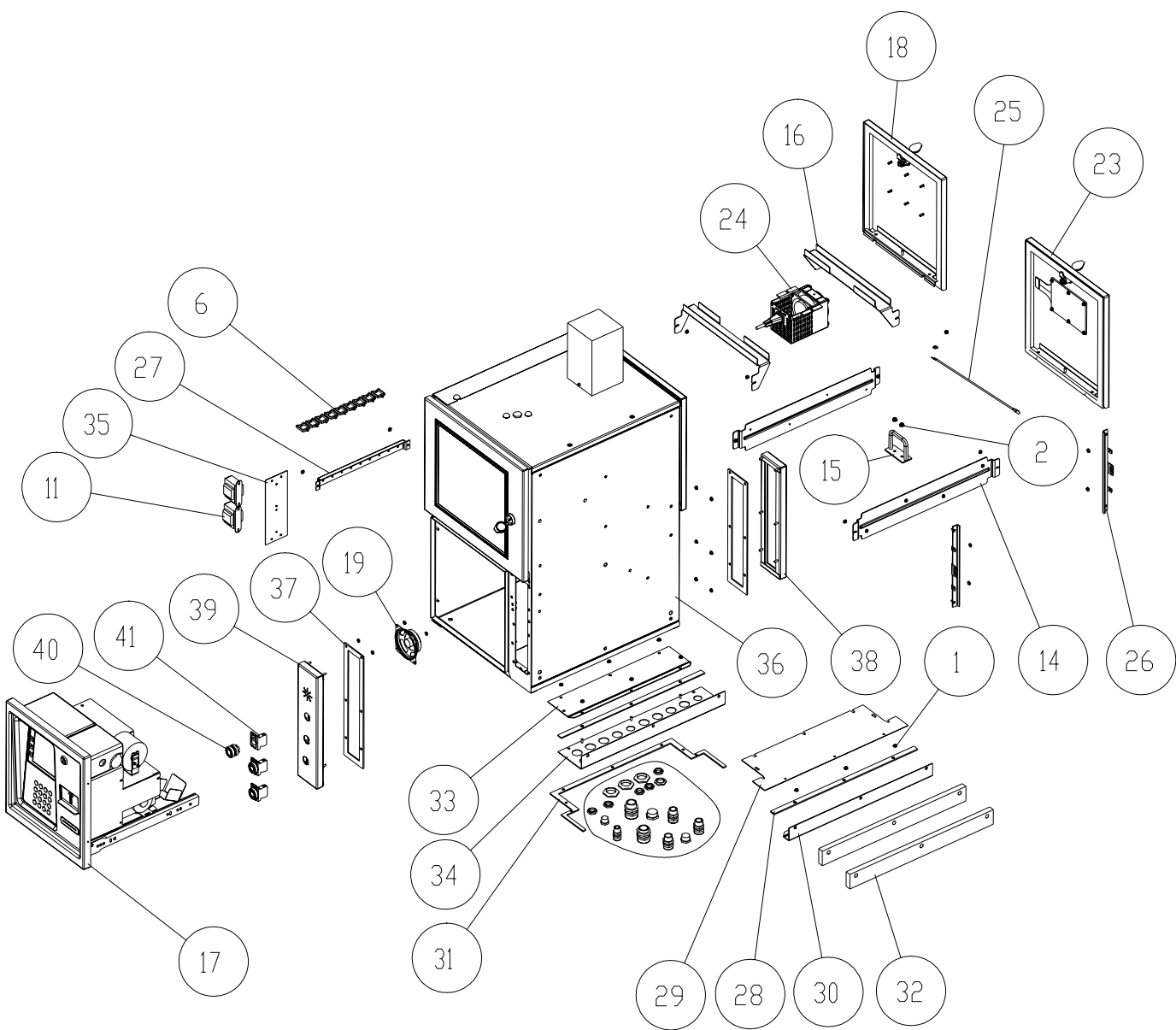
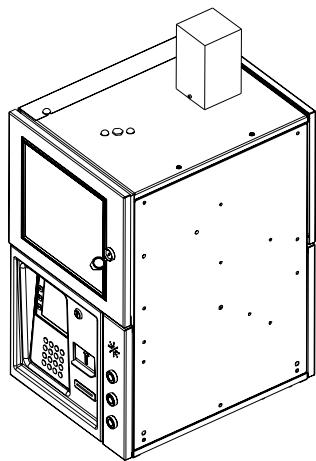
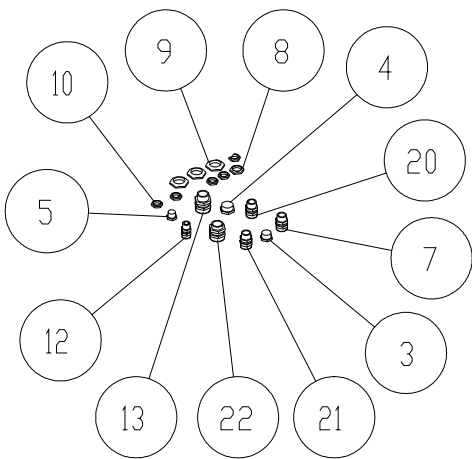
Item No	Description	Désignation Français	Part No	Comments
16	Calc door weld Q500T1	Portillon soudé Q500T1	905779	Additional Corrosion Protection
	Calc door weld Q500T1 ACP	Portillon soudé Q500T1 ACP	907058	
	Calc door blind weld Q500T1	Portillon aveugle soudé Q500T1	905780	Additional Corrosion Protection
	Calc door blind weld Q500T1 ACP	Portillon aveugle soudé Q500T1 ACP	907060	
17	Glass Q500T1	Glace Q500T1	905873	
18	Calc Door Seal Moulded Q500T1	Joint Porte Calc Moule Q500T1	905874	
19	FP Dial Assy	Trémie sple Ferranti assy	908007	
20	FP Diffuser Q500T1	FP Diffuseur Q500T1	908008	
21	TL foot 5/8"	Support TL 5/8"	908398	
22	TL 5/8"x210 6W/T5	TL 5/8"x210 6W/T5	908405	
23	Ballast plate FP	Ballast plate FP	908418	
24	Reflector UPD FP	Reflector UPD FP	908543	



5.5 Dispenser Integrated Terminal Assembly [DIT]

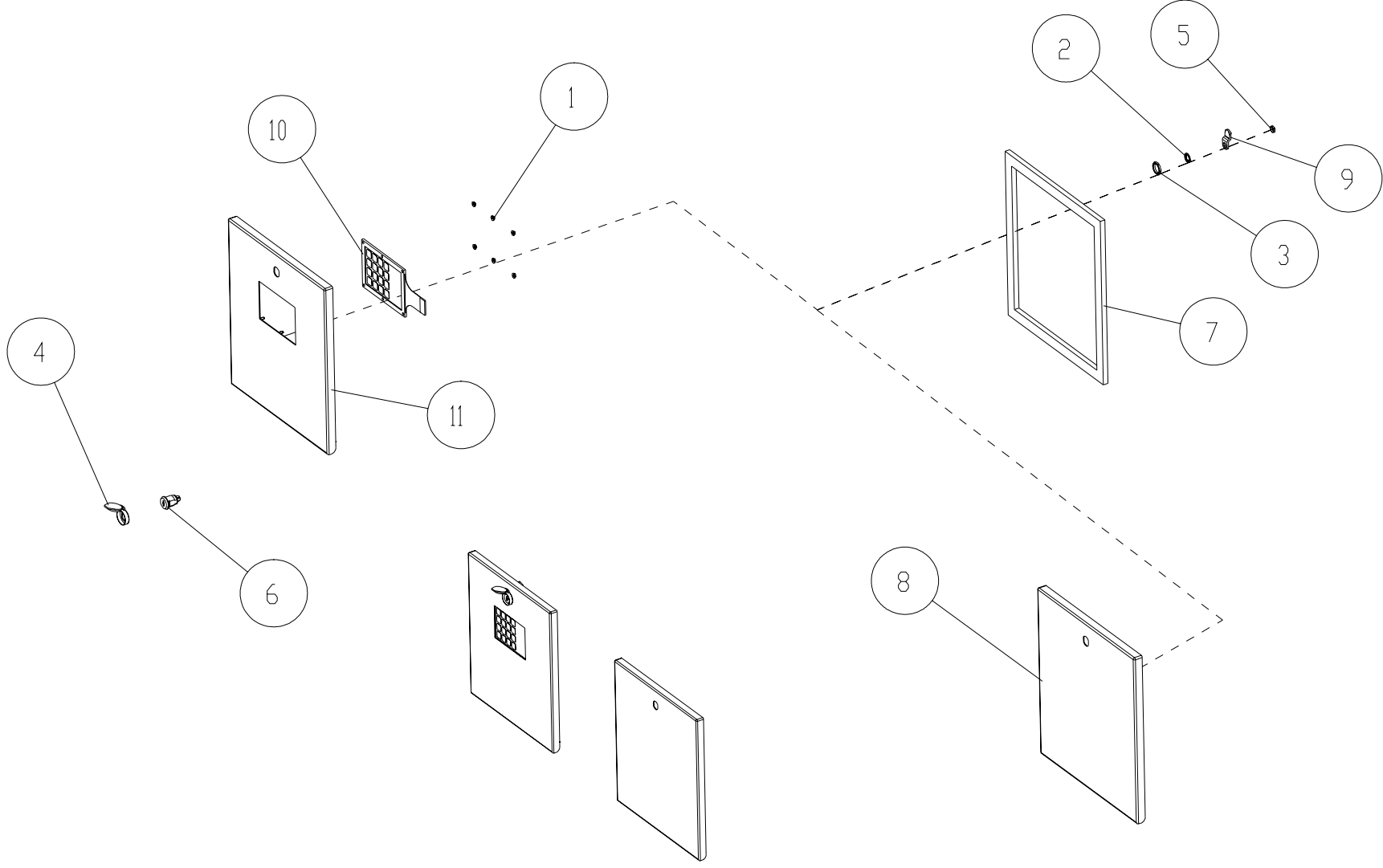
Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
2	Nut Hex Self Lock M5	Ecrou Bride Autobloquant M5	900013-002	
3	Plug M20 x 1,5 EEXE/IP66	Bouchon PG M20 x 1,5 EEXE/IP66	900044-001	
4	Plug M25 x 1,5 EEXE/IP66	Bouchon PG M25 x 1,5 EEXE/IP66	900044-002	
5	Plug M16 x 1,5 EEXE/IP66	Bouchon PG M16 x 1,5 EEXE/IP66	900044-004	
6	Wire Clip max entas. 19	Fixation câble Max Bundle 19	900058-001	
7	Gland M20X1,5 Eexe II 8-13mm	PE M20X1,5 Eexe II 8-13mm	900064-001	
8	Nut Hex M20 x 1,5 (Bartec)	Ecrou Hex M20 x 1,5 (Bartec)	900088-001	
9	Nut Hex M25 x 1,5 (Bartec)	Ecrou Hex M25 x 1,5 (Bartec)	900088-002	
10	Nut Hex M16 x 1,5 (Capri)	Ecrou Hex M16 x 1,5 (Capri)	900088-004	
11	8 Ohm Speaker Transformer	8 Ohm Transformer EUR Haut Parl	900302	
12	Gland M16X1,5 Eexell/ 5-8mm	PE M16X1,5 Eexell/ 5-8mm	900362-001	
13	Gland M25X1,5 IP66 4x 6mm	PE M25X1,5 IP66 4x 6mm	900363-001	
14	DIT Slide Rail BKT	DIT Rail de guidance Bkt	900539	
15	Lock Staple MD	Agrfe verrouillage MD	900541	
16	DIT-C Cable BKT	DIT-C Cable BKT	900542	
17	Optimum mot-vga	Optimum mot-vga	900543	Refer to OPT Manual
18	DIT Blank Door Assy	DIT Asm Porte Aveugle	900810	Refer to DIT Door drawings
19	8 ohm pa speaker	8 ohn pa haut parl	901057	
20	Gland M20X1,5 Eexe II/IP66-68 1x 5-9mm	PE M20X1,5 Eexe II 5-9mm Bleu	901404-001	
21	Gland M20X1,5 EExe II 5-9mm	PE M20X1,5 Eexe II 5-9mm	901478-001	
22	Gland M25X1,5 EExell/8-17mm	PE M25X1,5 EExell/8-17mm	901990-001	
23	DIT door preset keypad assy	DIT porte bloc de touche asm	903175	Refer to DIT Door drawings
24	OPT Heater assembly	Chauffage OPT assemblé	903593	Refer to OPT Heater drawing
25	Earth cable for Hyd door L=400	Câble masse porte Hyd L=400	905930-002	
26	Single Box DIT Drawer Brkt Assy	DIT Tiror Brkt Assy	906239	
27	Cable support	Support de cable	906485	

(Cont.)



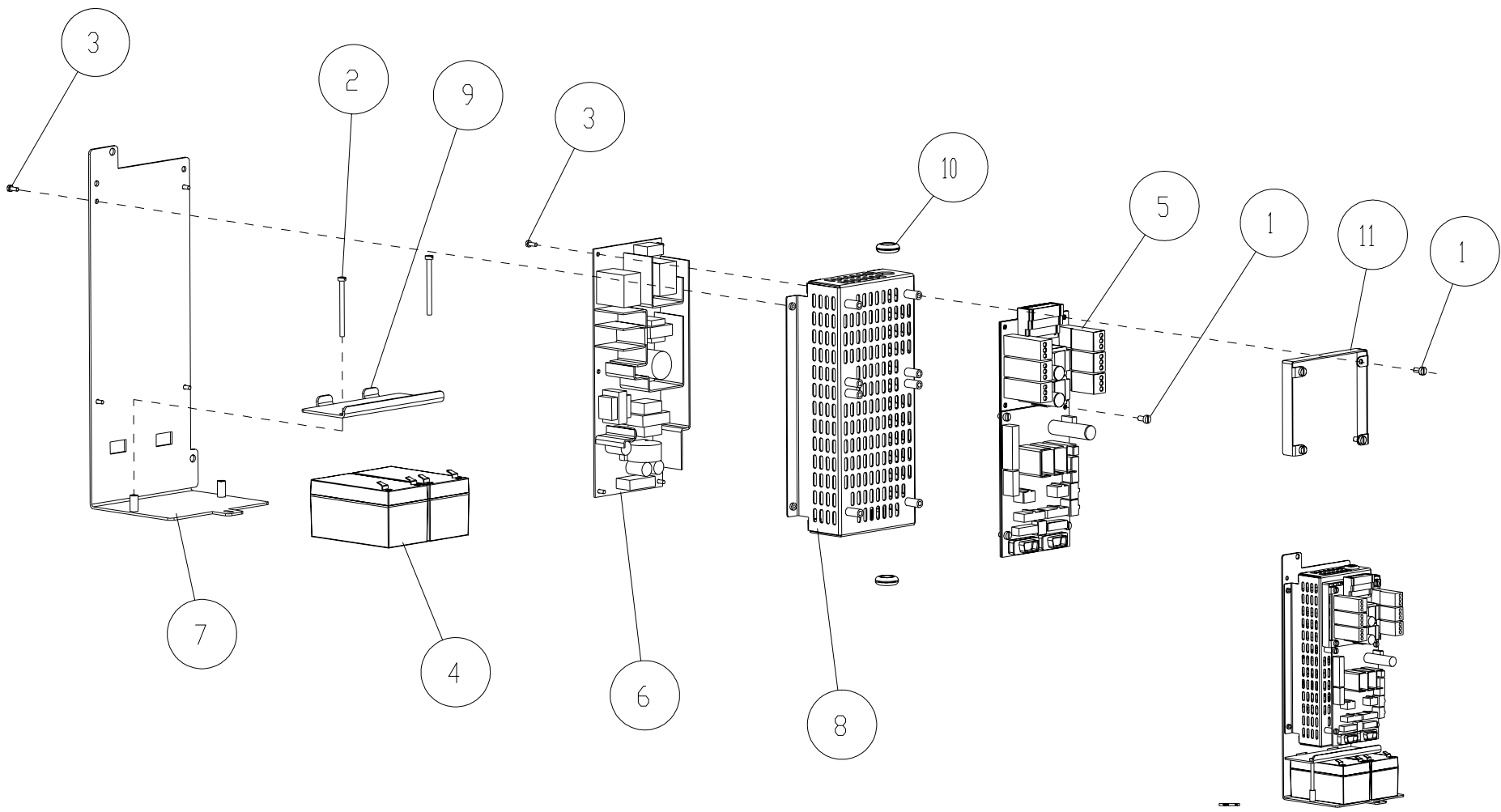
5.5 Dispenser Integrated Terminal Assembly [DIT] (Cont.)

Item No	Description	Désignation Français	Part No	Comments
28	Box Vapour Barrier 2 Gasket	Boite Barrier de Vapeur joint	907298	
29	Box Vapour Barrier 1 Assy	Boite Barrier de Vapeur 1	907300	
30	Box Vapour Barrier 1	Boite Barreir de vapeur	907301	
31	Box Vapour Barrier Gasket	Joint de Vapeur	907302	
32	Vapour Gasket	joint de vapeur	907303	
33	Vapour Barrier 2	Barrier de Vapeur 2	907430	
34	Gland Plate Assy	Barrier de vapeur gland assy	907431	
35	Bracket Transformer 100V	Transformateur 100V support	907510	
36	Single electronic Weld Assy OPT	Electronique Boite Soude OPT Assy	907798	
37	DIT Cladding Gasket	Joint DIT Clad	907799	
38	DIT Cladding ACP	DIT Placage ACP	907800	Additional Corrosion Protection
	DIT Cladding Speaker ACP	DIT Placage Haut Parler ACP	907801	Additional Corrosion Protection
	DIT Cladding Push Button ACP	DIT Placage Bouton Poussoir ACP	907802	Additional Corrosion Protection
	DIT Cladding Speaker & Push Button ACP	DIT Placage Haut Parler & Bout Pouss AC	907803	Additional Corrosion Protection
39	DIT Cladding Speaker & Push Button	DIT Placage Haut Parler & Bouton Poussoir	907804	
	DIT Cladding Push Button	DIT Placage Bouton Poussoir	907805	
	DIT Cladding Speaker	DIT Placage Haut Parler	907806	
	DIT Cladding	DIT Placage	907807	
40	Button Black	Bouton Noir	908603-001	
41	Switch Body ZB5	Corps Contact ZB5	908604	



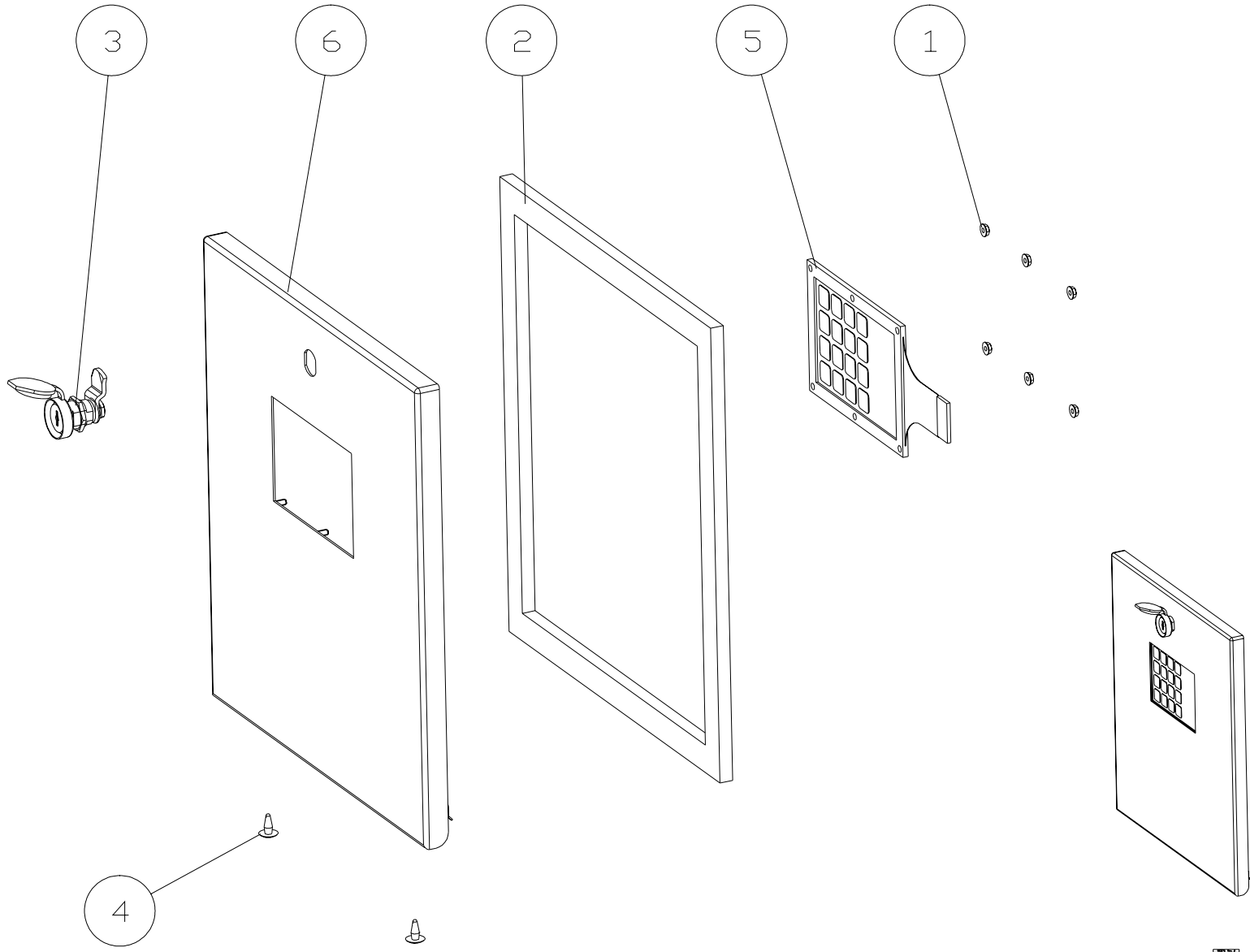
5.6 DIT Door Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
2	Washer Serr Lock Int M10	Rondelle a Dents DIC M10	900021-001	
3	Nut Hex 3/4 - 24 UNS	Ecrou Hex 3/4 - 24 UNS	900041-001	
4	Cap SOUTHCO 90-2 (Cover)	Bouchon SOUTHCO 90-2 (Chapeau)	900042	
5	Nut Hex M10 x 1,00 For Lock	Ecrou M10 x 1,00 Pour Serrures	900043-001	
6	Lock Fort Securite	Serrure Fort Securite	900389	
7	Q500T DIT Blind Door Seal	Q500T DIT Joint Porte Aveugle	900676	
8	Q500T DIT Blind Door	Q500T DIT Porte Aveugle	900816	
9	Lock Cam DIT Door	Came De Serrure Porte DIT	900986	
10	Membrane Keyboard 4x4	Clavier Prede 4x4	902470	
11	Q500T DIT Door keypad Assy	Q500T DIT Asm Porte bloc de touche	903101	



5.7 Power Supply Unit for DIT Assembly

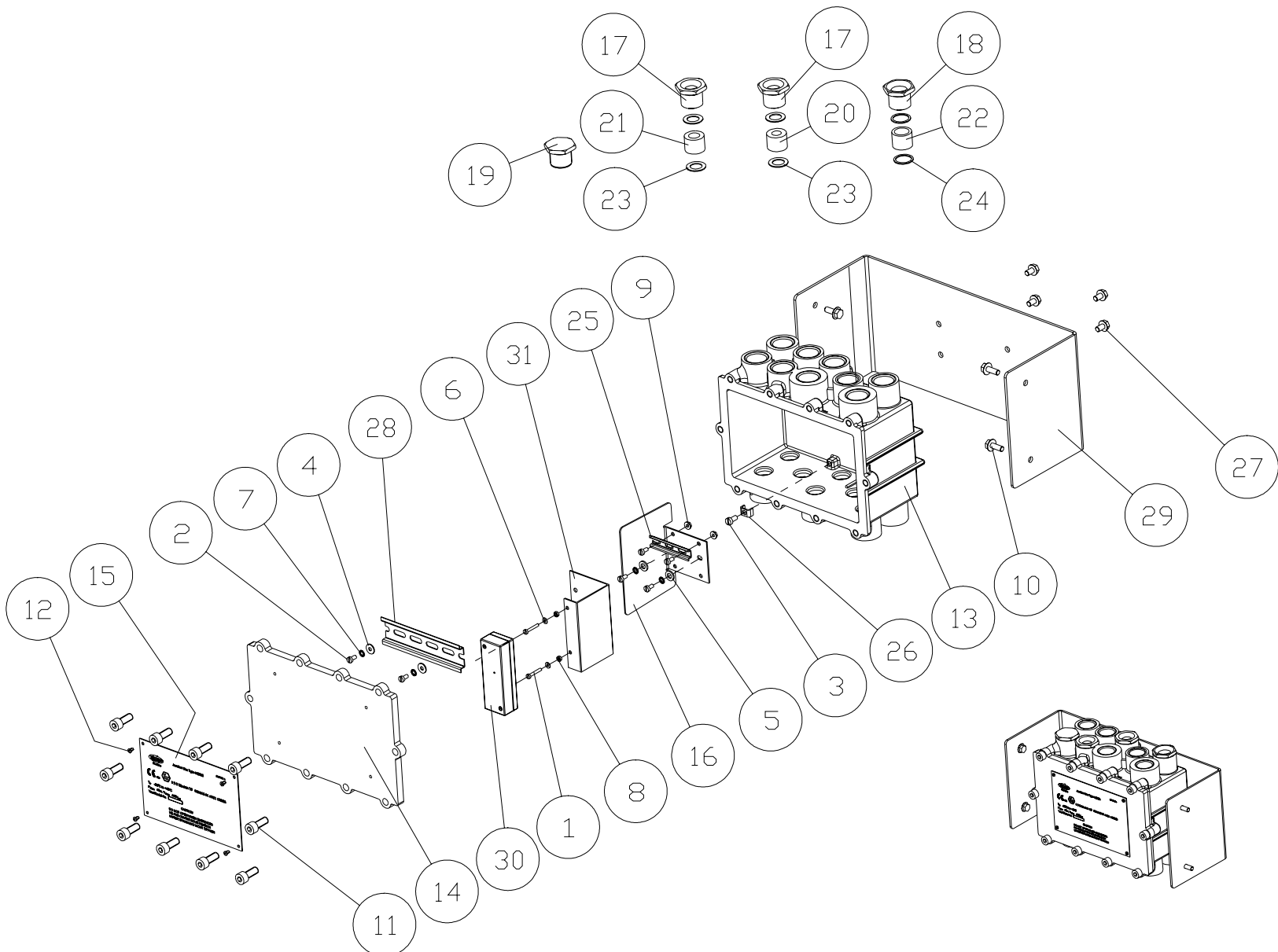
Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M4x8	Vis CS M4x8	900007-003	
2	Screw SCH M4x50	Vis CS M4x50	900007-007	
3	Screw SCH M3x8	Vis CS M3x8	900007-008	
4	Battery 12V 1.2 Ah (box type)	Batterie 12V 1.2 Ah	900072	
5	PCB/OPT012/PIB/PWR INT BRD	PCB/OPT012/PIB/CARTE ALIM/COMM	901310	
6	PCB/OPT/MPSU/COSEL LEB150F	PCB/OPT/MPSU/COSEL LEB150F	901454	
7	DIT PSU bracket	DIT PSU encadrer	902076	
8	Cosel OPT PSU cover	Cosel OPT PSU couvrir	902078	
9	DIT PSU battery bracket	DIT PSU batterie encadrer	902079	
10	Cable protector gen	Câble protecteur gen	902080	
11	DIT PSU PCB Guard	DIT PDU PCB Protecteur	902601	



Issue A

5.8 Preset Keypad Option

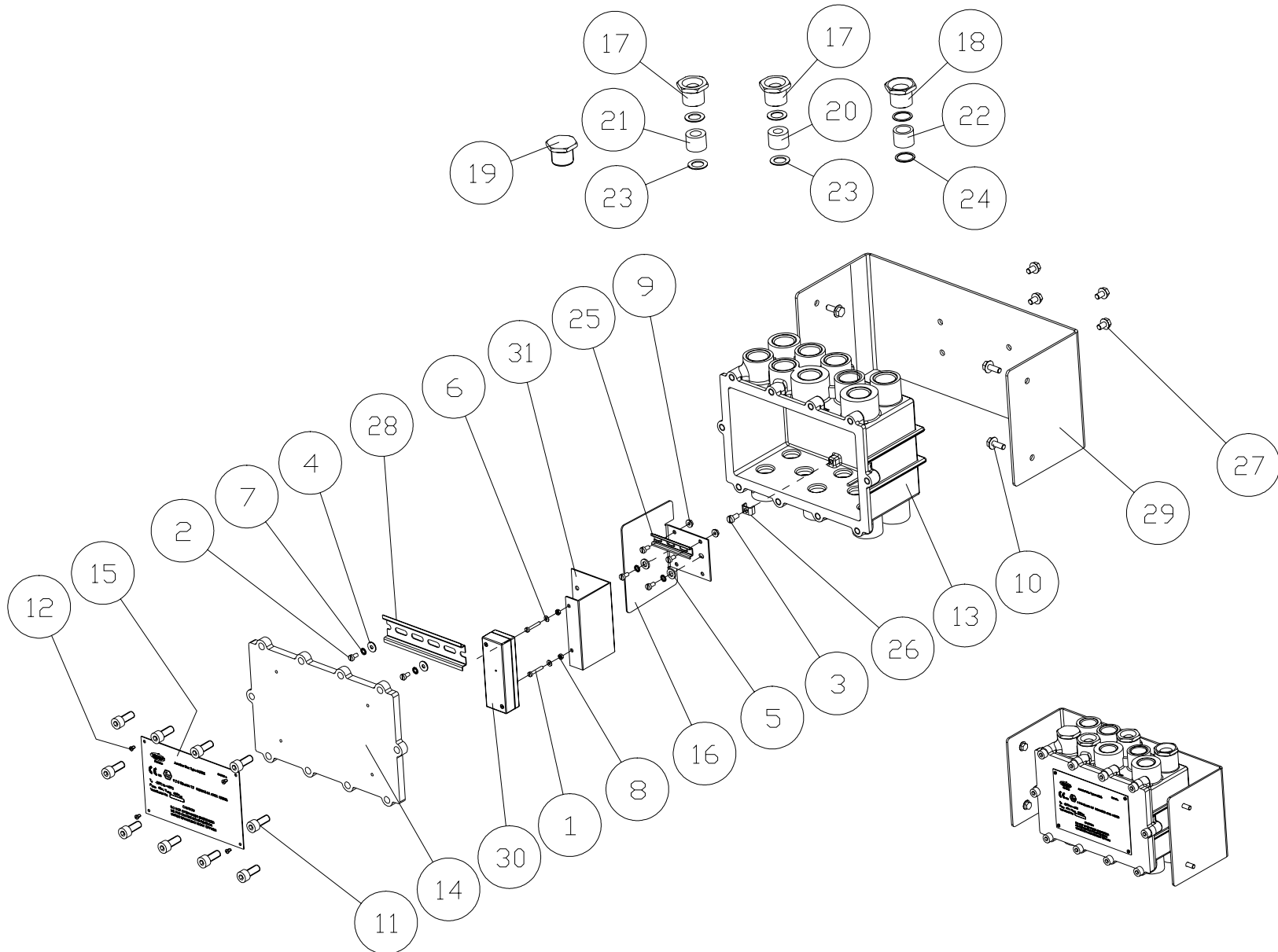
Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
2	Q500T Blind Door Seal	Q500T DIT Joint Port Aveugle	900676	
3	Lock Assembly - DIT Blind Door	Asm Serrure Porte DIT Aveugle	-	Refer to Lock drawing
4	Drive Fastener D5/13.5 T3 NA	Att à pression D5/13.5 E3 NA	901058-001	
5	Membrane Keyboard 4x4	Clavier Prede 4x4	902470	
6	Q500T DIT Door Keypad Assy	Q500T DIT Asm Porte bloc de touche	903101	



5.9 Main Junction Box Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Screw SCH M3x20	Vis CS M3x20	900007-002	Shock Detection option only
2	Screw SCH M4x8	Vis CS M4x8	900007-003	
3	Screw SCH M5x10	Vis CS M5x10	900007-004	
4	Washer PI d2=3xd1 M4	Rondelle PI d2=3xd1 M4	900008-003	
5	Washer PI M6	Rondelle PI M6	900008-007	Shock Detection option only
6	Washer PI M3	Rondelle PI M3	900008-010	Shock Detection option only
7	Washer Serr Lock Ext M4	Rondelle a Dents DEC M4	900009-001	
8	Nut Hex M3	Scrou H M3	900011-008	Shock Detection option only
9	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
10	Screw HFHSL M6x16	Vis Hex Br Autobl M6x16	900016-004	
11	Screw HSHC M8x20	Vis CHC M8x20	900017-002	
12	Rivet Expansion	Rivet Rokut	900022-002	
13	Junction Box-M2000-series	Boitier de connection-M2000	900104	
14	Cover Junction Box M2000	Couvercle boitier connection	900105	
15	Typelate junction box M2000	Plaque no serie boitier	900106	
16	Junction Box divider plate	Plaque seperation boitier	900107	
17	Gland Exd M25 14mm	Ecrou PE M25 14mm	900108	
18	Gland Exd M25 19mm	Ecrou PE M25 19mm	900109	
19	Blindstop Exd N25	Bouchon N25	900110	
20	Grommet 8-11	Bouchon 8-11	900111	
21	Grommet 10-13	Bouchon 10-13	900112	
22	Grommet 14-17	Bouchon 14-17	900113	
23	Back-up ring 8-13	Rondelle acier 8-13	900114	
24	Back-up ring 14-17	Rondelle acier 14-17	900115	
25	Rail TS-15 L=59	Rail de bornier TS-15 L=59	900117	
26	Grounding clamp	Borne de mise la terre	900118	

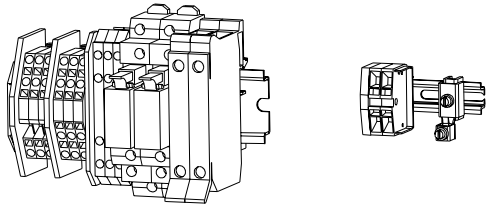
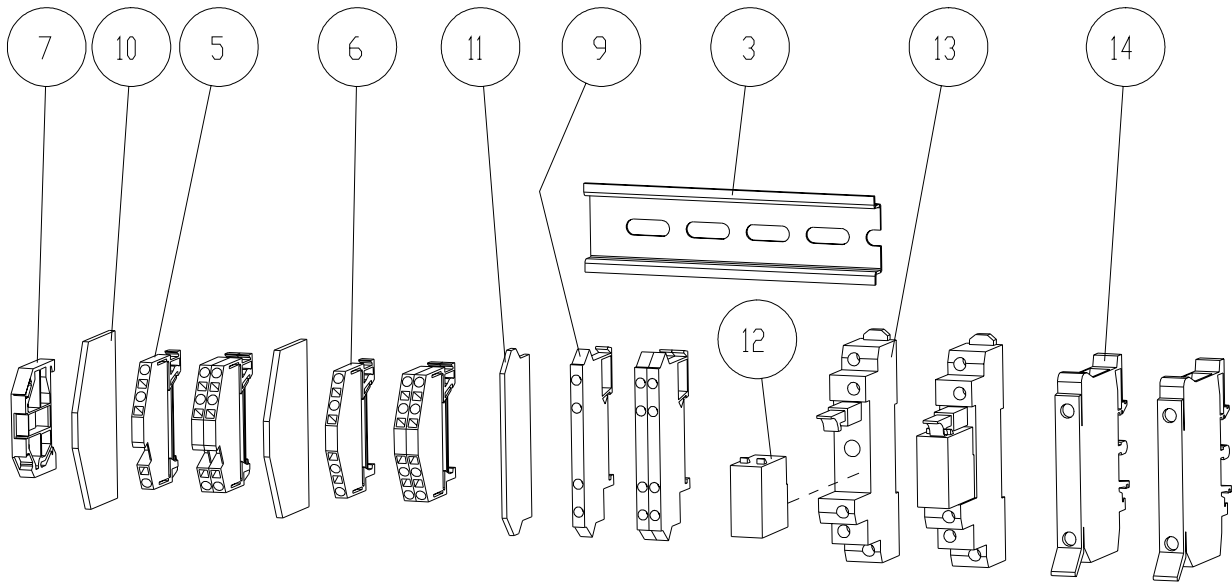
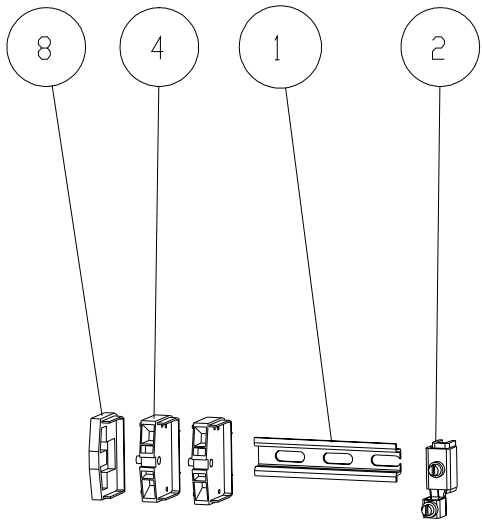
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5.9 Main Junction Box Assembly (Cont.)

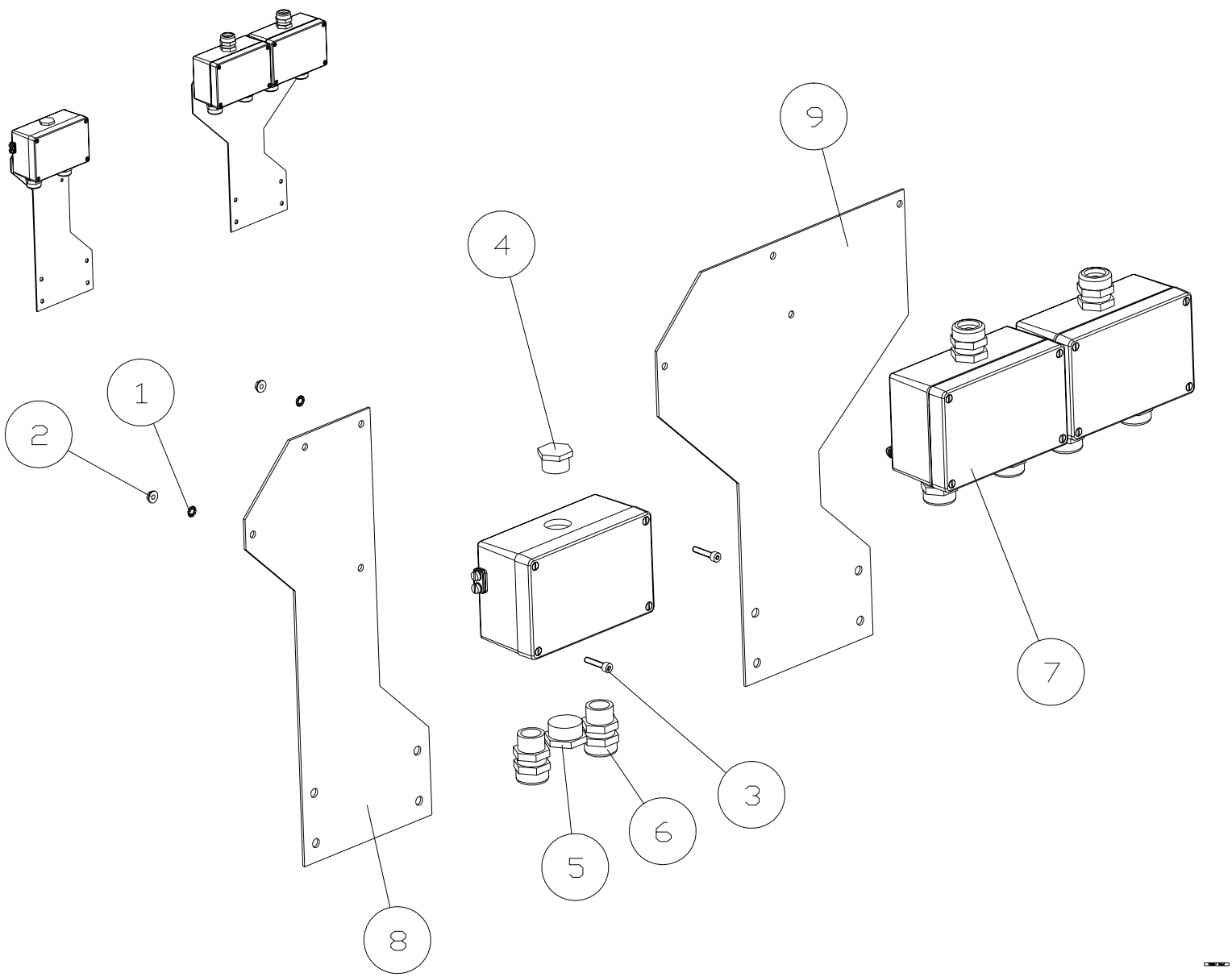
Item No	Description	Désignation Français	Part No	Comments
27	Screw HFHTF M6x10	Vis Hex Taraudeuse M6x10	900708-001	
28	Rail TS-35 L=121	Rail de bornier TS-35 L=121	901432-003	
29	Bracket - junction box VHSM	Support boîte jonction VHSM	902003	Q300T Dispenser
	Bracket - junction box Standard	Support boîte jonction std	900316	Q300T Dispenser
	Bkt M2000 J/Box LPG Q500T	Support Boitier Q500T GPL	901209	Q500T LPG Dispenser only
	Support junction box	Support boîte connexion	900439	Q500T/500T1 Dispenser
	Brkt Junction Box Croatia	Support boîte connexion Croatia	904910	Q500T/500T1 - Croatian option only
	Bracket junction box Q400T	Support boîte connexion Q400T	904009	Q400T Dispenser - standard
	Bracket Junction box 2	Support boîte connexion 2	904045	Q400T - 2nd J-Box/Speaker option
30	Tilt Sensor Switch	Capteur d'Inclinaison	903864	Shock Detection option only
31	Bracket Shock Detector	Support - Choc detectionde	903917	Shock Detection option only

For internal components, refer to next page



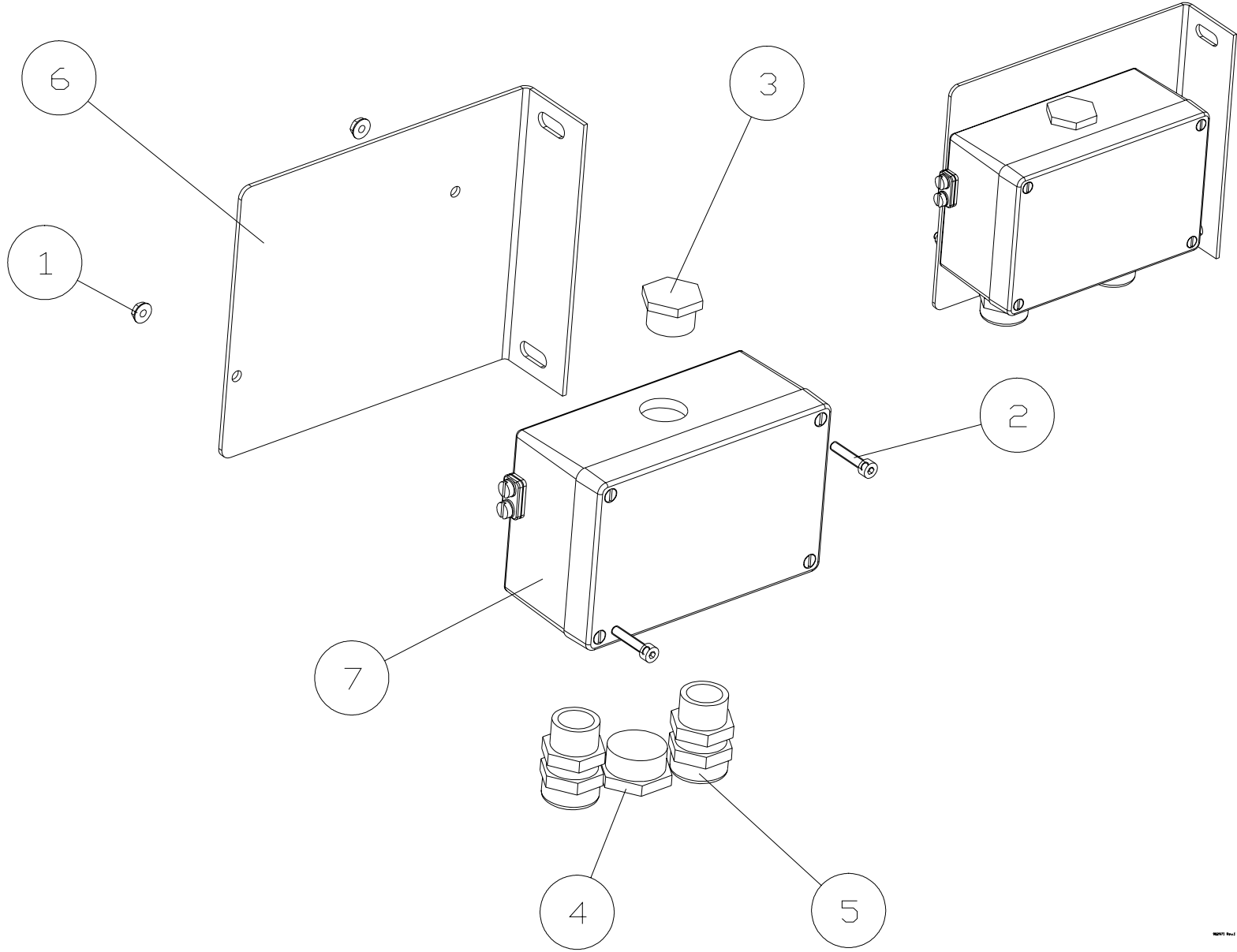
5.10 Main Junction Box Internal Components

Item No	Description	Désignation Français	Part No	Comments
1	Rail TS-15 59mm	Rail de bornier TS-15 59mm	900117	
2	PE Terminal AKE-4 MS	PE Borne AKE-4 MS	900657-001	
3	Rail TS-35 121mm	Rail de bornier TS-35 121mm	901432-003	
4	Clamp 2 Way 2.5Qmm Grey	Borne 2 Voies 2.5Qmm Gris	901709-001	
5	Clamp 3 Way 2.5Qmm Green/yellow	Borne 3 Voies 2.5Qmm Verte/jaune	901710-001	
6	Clamp 4 Way 2.5Qmm Grey	Borne 4 Voies 2.5Qmm Gris	901711-001	
7	Endstop Grey 35mm 249-116	Extr Stop Gris 35mm 249-116	901712-001	
8	Separation Plate Grey 264-386	Plaque de Separation 264-386	901713-001	
9	Clamp 2x2 Way Grey 280-626	Borne 2x2 Voies Gris 280-626	901714-001	
10	Separation Plate OG 280-318	Plaque Separation OG 280-318	901854-001	
11	Separation Plate OG 280-327	Plaque Separation OG 280-327	901855-001	
12	Relay 10A 24V Single Pole Con	Relais 10A 24V Single Poles Con	902236-001	
13	Relay Socket TS35 Rail 10A 25	Relais Cavite TS35 Rail 10A 25	902237-001	
14	Fuse Holder for 6,3x32 fuse	Porte Fusible section. 6.3x32	903482	



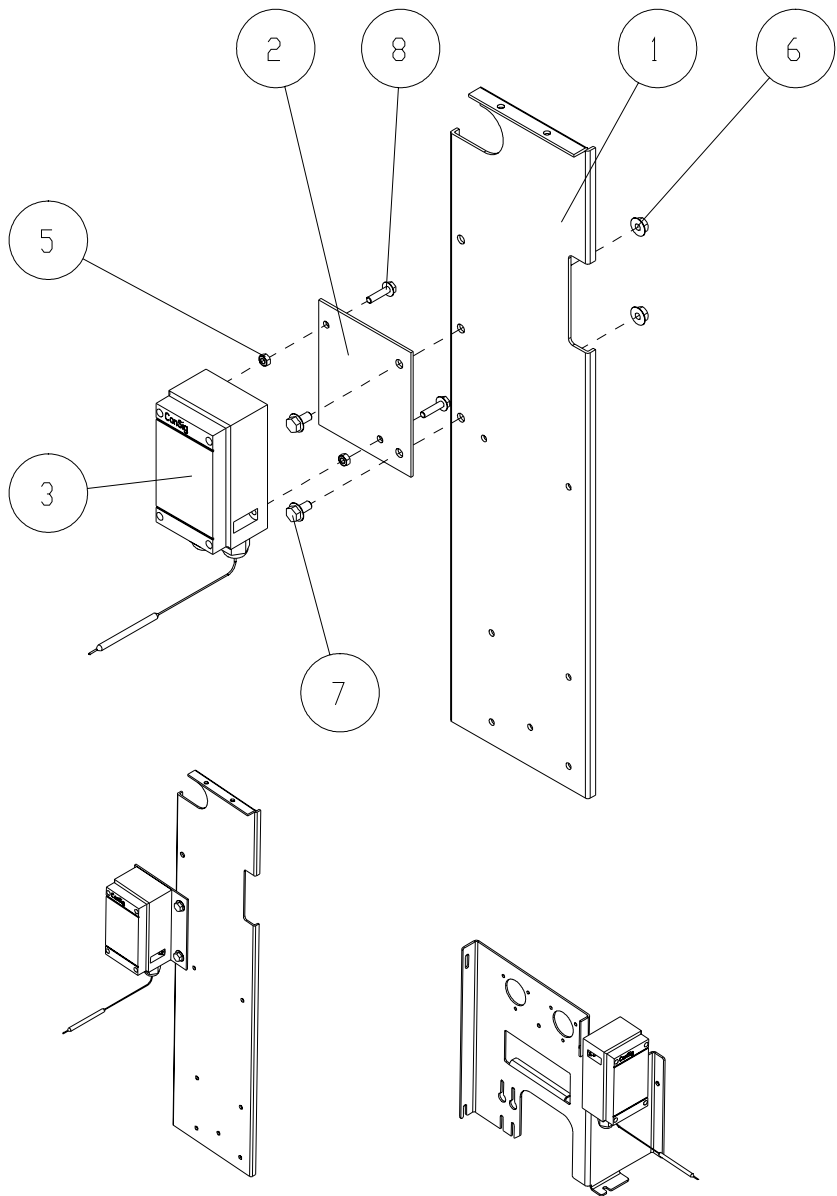
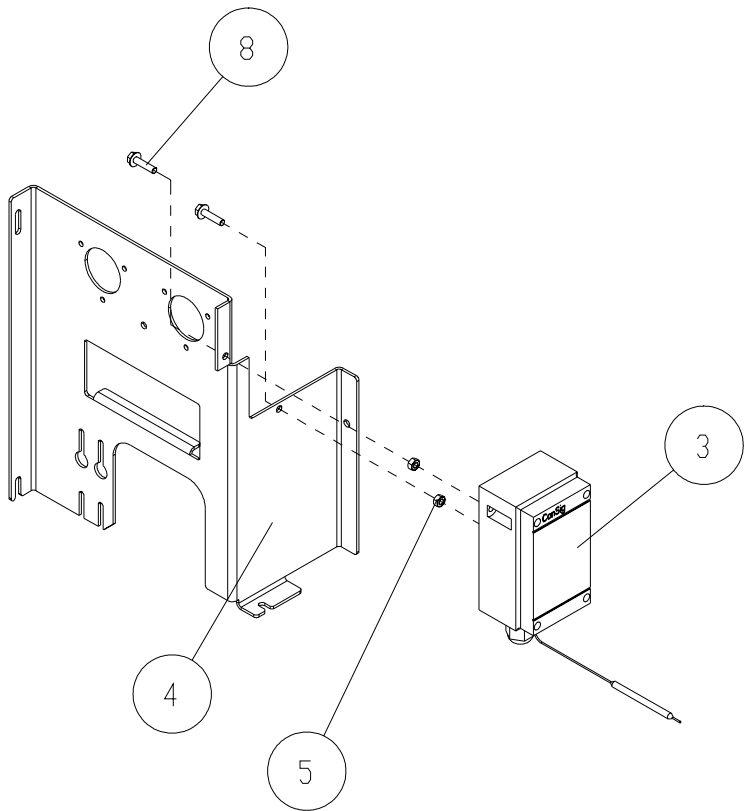
5.11 Speaker Junction Box Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Washer Serr Lock Ext M4	Rondelle a Dents DEC M4	900009-001	
2	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
3	Screw HSHC M4x20	Vis CHC M4x20	900017-011	
4	Plug M20 x 1.5 EExE/IP66	Bouchon PG M20 x 1.5 EExE/IP66	900044-001	
5	Plug M25 x 1.5 EExE/IP66	Bouchon PG M25 x 1.5 EExE/IP66	900044-002	
6	Gland M20x1.5 EExe II/IP66-68 1x 5-9mm	PE M20x1.5 Eexe II/IP66-68 1x 5-9mm	901478-001	
7	Junction box Bernstein CA150	Boitier de connection Bernstein CA150	901753	
8	Bracket Bernstein box	Support boîte de Bernstein	902433	
9	Bracket dual Bernstein box	Support dual Bernstein box	903981	



5.12 Speaker/MiniSat Junction Box Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M4	Ecrou Bride Autobloquant M4	900013-001	
2	Screw HSHC M4x20	Vis CHC M4x20	900017-011	
3	Plug M20 x 1.5 EExE/IP66	Bouchon PG M20 x 1.5 EExE/IP66	900044-001	
4	Plug M25 x 1.5 EExE/IP66	Bouchon PG M25 x 1.5 EExE/IP66	900044-002	
5	Gland M20x1.5 EExe II/IP66-68 1x 5-9mm	PE M20x1.5 Eexe II/IP66-68 1x 5-9mm	901478-001	
6	Bracket junction box	Support boîte de jonction	902607	
7	Junction box Bernstein CA150	Boitier de connection Bernstein CA150	901753	



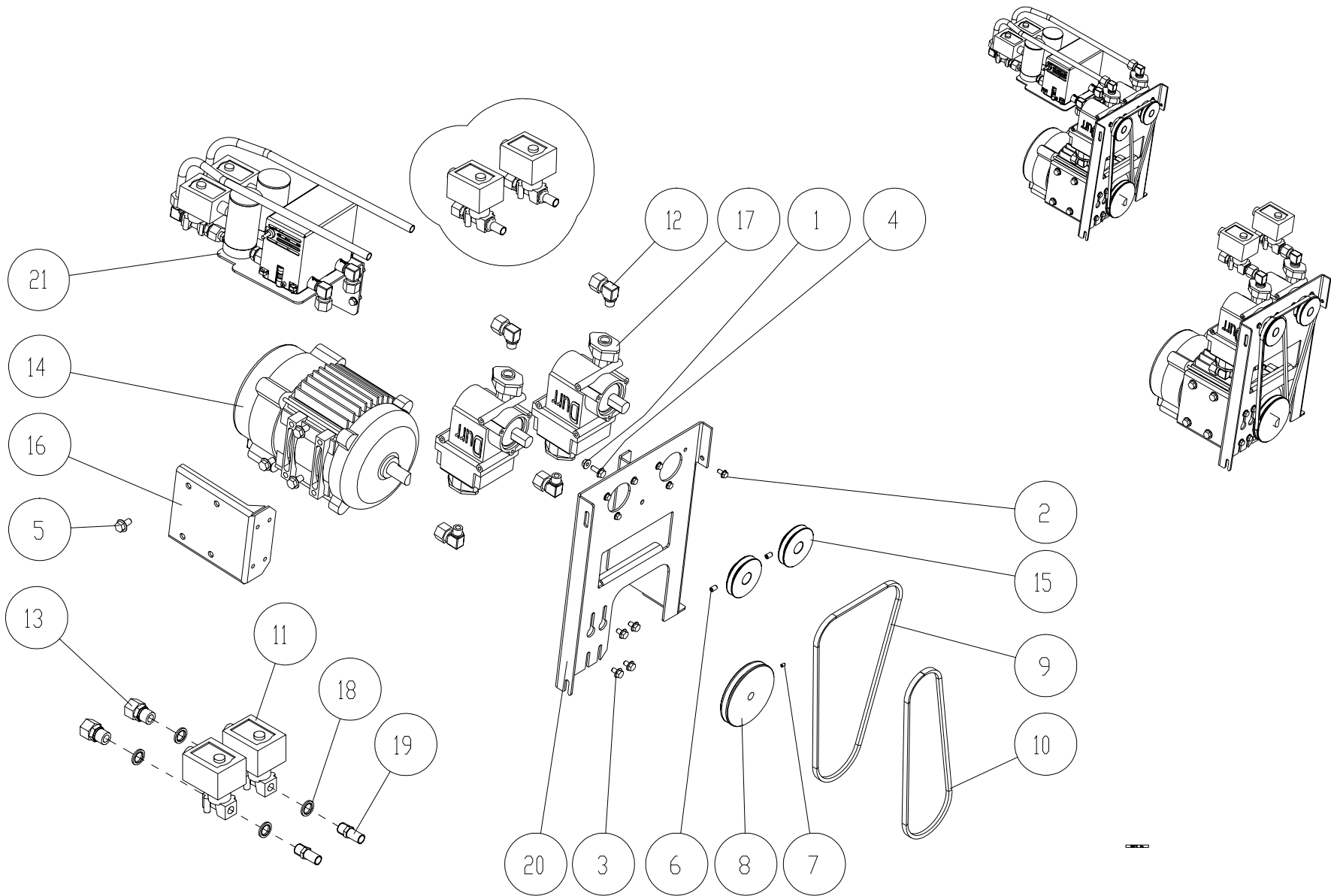
5.13 Fire Detection Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Vertical Frame Hydr End	Chassis Vertic Extr Hydr	900369	
2	Fire Detector Mounting Bracket	Support de detecteur	903263	
3	Fire Detector - Stahl	Detection de Feu	903291	
4	Frame Support ECVR	Châssis Support ECVR	904617	
5	Nut Hex M6	Ecrou H M6	900011-001	
6	Nut Hex Self Lock M8	Ecrou Bride Autobloquant M8	900013-004	
7	Screw HFHSL M8x16	Vis Hex Br Autobl M8x16	900016-006	
8	Screw HFHSL M6x25	Vis Hex Br Autobl M6x25	900016-014	

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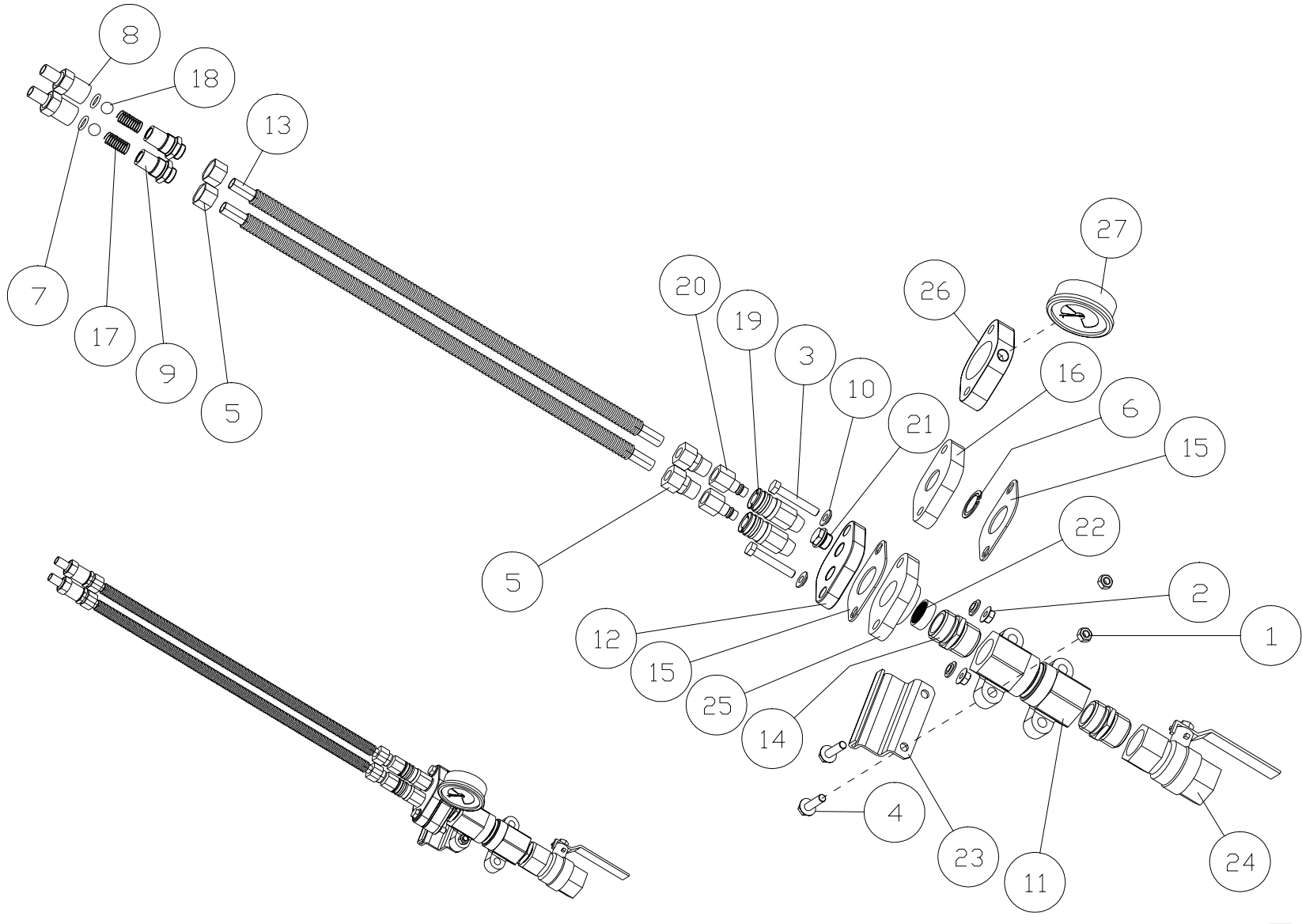
6	VAPOUR RECOVERY	6-2
6.1	VR Pump Assembly	6-2
6.2	VR Return Line Assembly	6-4
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6 VAPOUR RECOVERY

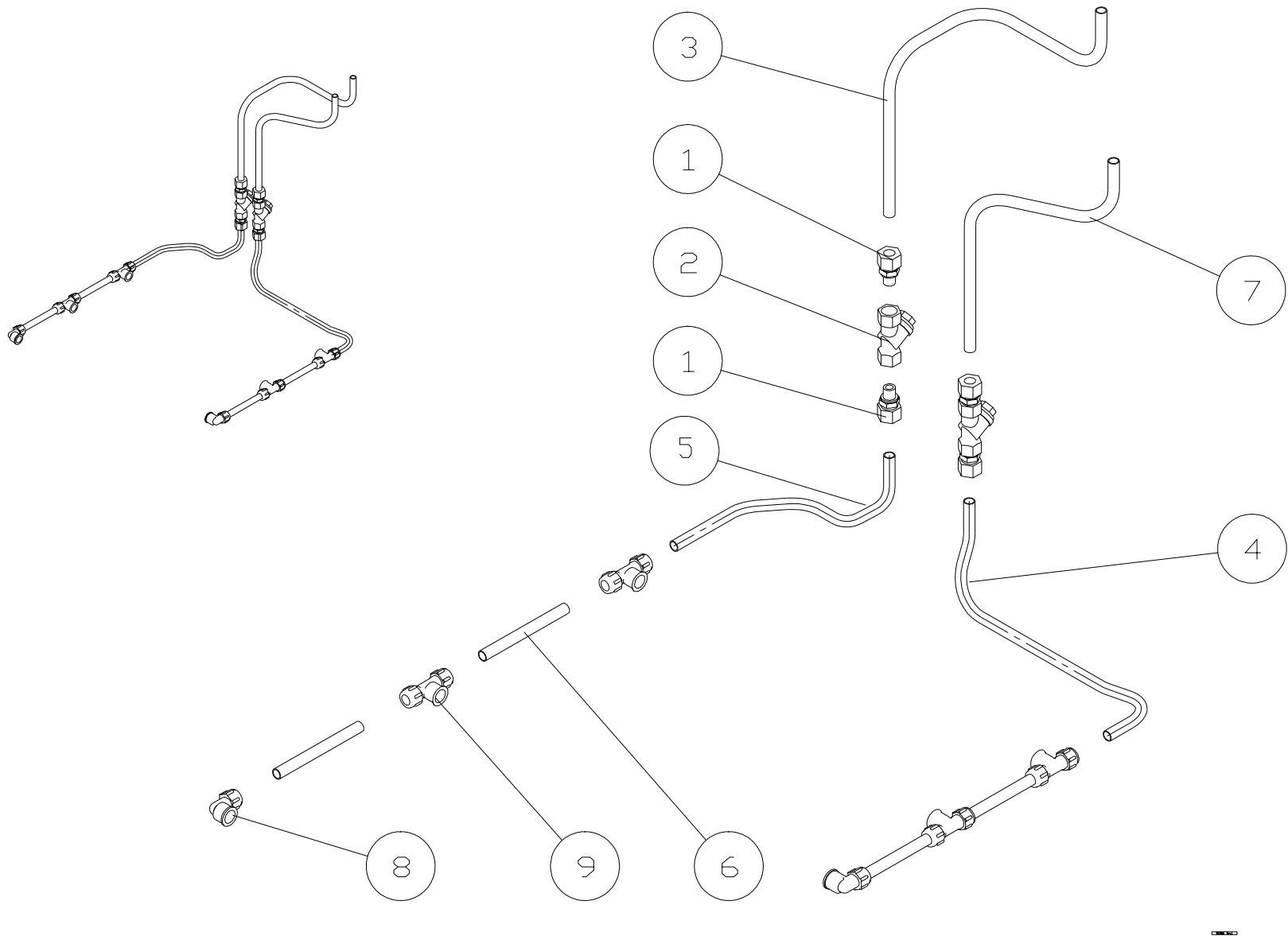
6.1 VR Pump Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M6	Ecrou Bride Autobloquant M6	900013-003	
2	Screw HFHSL M5x10	Vis Hex Br Autobl M5x10	900016-001	
3	Screw HFHSL M6x10	Vis Hex Br Autobl M6x10	900016-003	
4	Screw HFHSL M6x16	Vis Hex Br Autobl M6x16	900016-004	
5	Screw HFHSL M8x16	Vis Hex Br Autobl M8x16	900016-006	
6	Screw HSS Cup Point M6x10	Vis HCCU M6x10	900019-001	
7	Screw HSS Cup Point M4x6	Vis HCCU M4x6	900019-002	
8	Pulley V-Belt VR Pump	Poulie gor courr trap VR Pompe	900027	
9	V-Belt - 8 x 5 x 800	Courroie - 8 x 5 x 800	900028-001	Double-sided
10	V-Belt - 8 x 5 x 710	Courroie - 8 x 5 x 710	900028-002	Single-sided
11	Proport Valve ECVR	Soupape Proport	900029-001	
12	Elbow Compr 1/4" BSPM 12mm	EQ-PIQ-M12-1/4	900031-001	
13	Straight Comp 3/8" BSP 12mm	Rac Piq Male 12 - 3/8	900032-001	
14	Motor EXD 0.25kW Star 400V 3cl Motor EXD 0.25kW Delta 400V 3cl Elnor 0.37KW Motor	Mot EXD 0.25kW Star 400V 3cl Mot EXD 0.25kW Delta 400V 3cl Elnor Moteur De 0.37KW	900060-001 900068-001 903168	Three Phase Motor Three Phase Motor Single Phase Motor
15	Pulley VR pump Dm 61mm	Poulie pompe GR Dm 61mm	900293	
16	Motor bracket Q500T	Motor support Q500T	900294	
17	Durr pump MEX 0831-11	Pompe Durr MEX 0831-11	900295	
18	Dowty Seal Self Centre 1/4" BSP	Dowty Joint Torique 1/4" BSP	900450-001	
19	Adaptor dia 12 Male 1/4" BSP	Adapt dia 12 1/4" Male	901754-001	
20	Frame Support ECVR	Chassis Support ECVR	904617	
21	Q500T VR Assy VFM	Q500T RV VFM asm	-	Refer to VFM drawing



6.2 VR Return Line Assembly

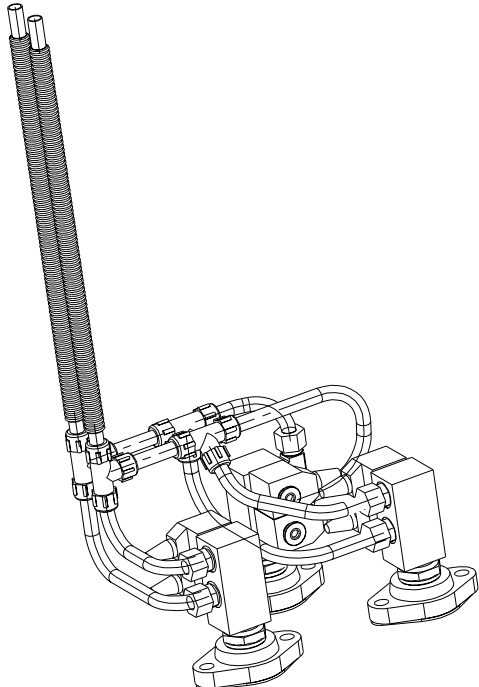
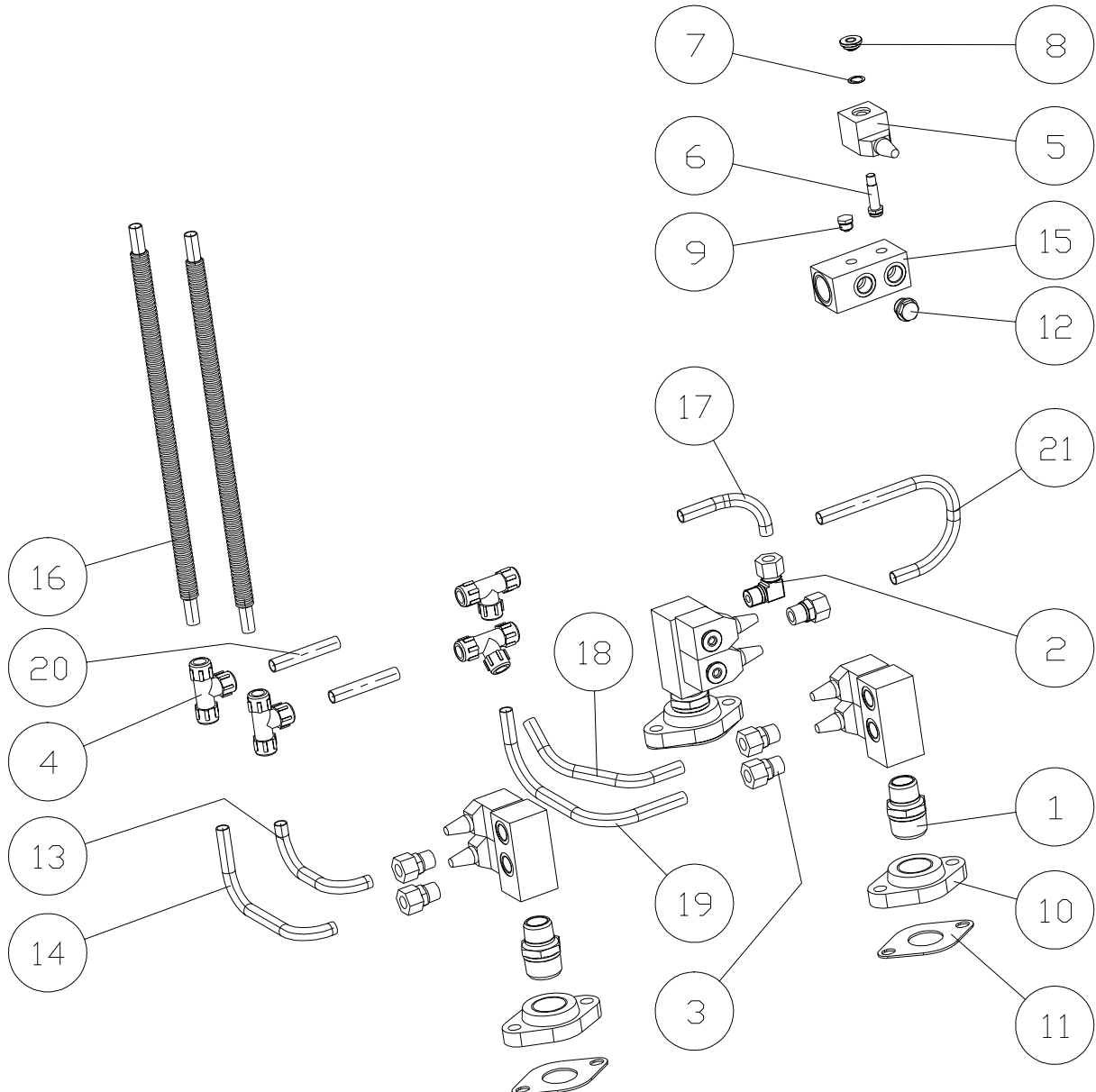
Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex M8	Ecrou H M8	900011-003	Shear valve option only
2	Nut Hex Self Lock M8	Ecrou Bride Autobloquant M8	900013-004	
3	Screw HH M8x50	Vis H M8x50	900015-005	
4	Screw HFHSL M8x30	Vis Hex Br Autobl M8x30	900016-008	Shear valve option only
5	Straight Compr 3/8" BSP 12mm	Rac Piq Male 12 - 3/8	900032-001	
6	Ring Retain Bore D30	Anneau Elast Int D30	900049-003	Non-shear valve option only
7	O-ring 11.00x2.50	Joint Torique 11.00x2.50	900050-029	
8	Non return Valve VR-female	Clapet non retour femelle RV	900296	
9	Non return Valve VR-male	Clapet de non retour male RV	900297	
10	Insulation Sleeve 8.2mm	Manchon Isolant 8.2mm	900758-003	
11	Shear Valve (VR)	Raccord Cassant (RV)	901109	Shear valve option only
12	Flange - VR return	Bride retour RV	901596	
13	Flexible outlet VR pump assy Flexible outlet VR pump - Q400T	Flexible sortie pompe RV assy Flexible sortie pompe RV Q400T	901597 904781	Q400T dispenser only
14	Nipple 22mm G1"-G1"	Douille 22 mm G1"-G1"	901772	Shear valve option only
15	Gasket - Flange 78-82	Joint de bride 78-82	901859	Non-shear valve option only
16	Flange - VR flame arrestor	Bride pare-flamme RV	901860	Non-shear valve option only
17	Spring ecvr non-return valve	Ressort clapet anti-retour RV	901923	
18	Ball (d=12)	Bille (d=12)	901924	
19	Connector - Quick release female	Raccord rapide femelle	901954	
20	Connector - Quick release male	Raccord rapide male	901955	
21	Plug hyd 3/8" BSP cyl	Rac bouch 3/8" BSP cyl	902001-001	
22	Flame arrestor VR	Pare Flamme RV	902002	
23	Bracket shear valve VR (UK)	Support shear valve VR UK	902626	Shear valve option only
24	Valve	Vanne	902681	Shear valve option only
25	Flange	Bride	902682	Shear valve option only
26	Flange - VR flow measure	RV Bride de mesure debit	903068	VR Pressure Monitoring Point & Gauge only
27	Manometer 0-100 mbar	Manometer 0-100 mbar	903069	VR Pressure Monitoring Point & Gauge only
	Loctite Glue for Manometer	Adhesif pour manometer	-	Not shown - for VR Pressure Monitor Point option



Issue A

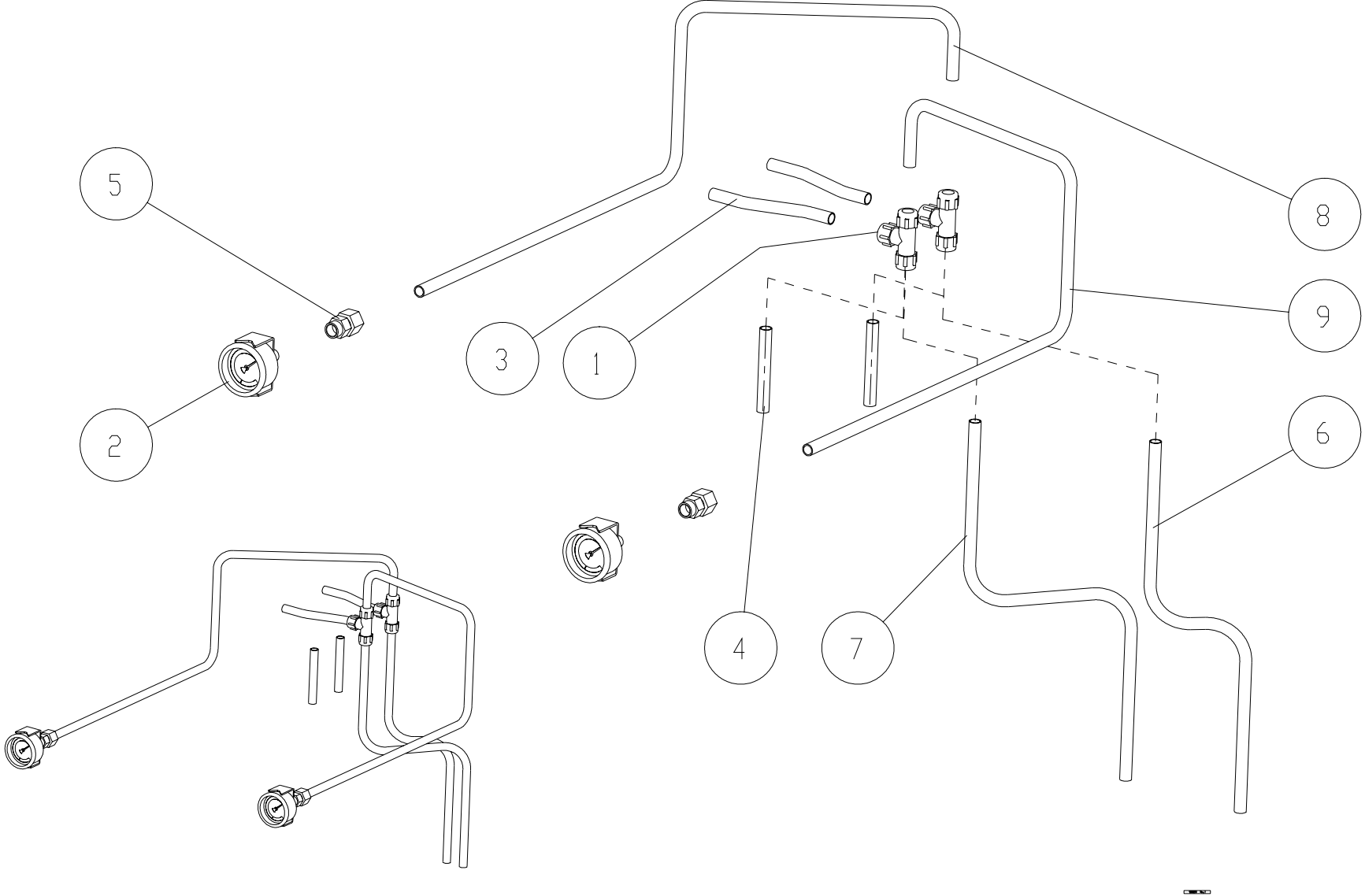
6.3 VR Suction Line Assembly

Item No	Description	Désignation Français	Part No	Comments
1	Straight Compr 1/4" BSP 12mm	Rac Piq Male 12 - 1/4	900032-002	
2	VR Filter	VR Filtre	900037	
3	VR pipe filter VFM A GRVP Pipe 12mm RHS	VR tube filter VFM A GRVP Tube 12mm RHS	900442 903064	ECVR GRVP
4	Pipe VR col filter A	Tube VR col filter A	900443	
5	Pipe VR col filter B	Tube VR col filter B	900444	
6	VR pipe col col	Tube VR col col	900445	
7	VR pipe filter VFM B GRVP Pipe 12mm LHS	VR tube filter VFM B GRVP Tube 12mm LHS	900449 903065	ECVR GRVP
8	Coupling Elb compr	Raccord Equerre egale	901599	
9	Coupling T Compr 12*3/8F*12	Rac T Egal 12*3/8F*12	901600-001	



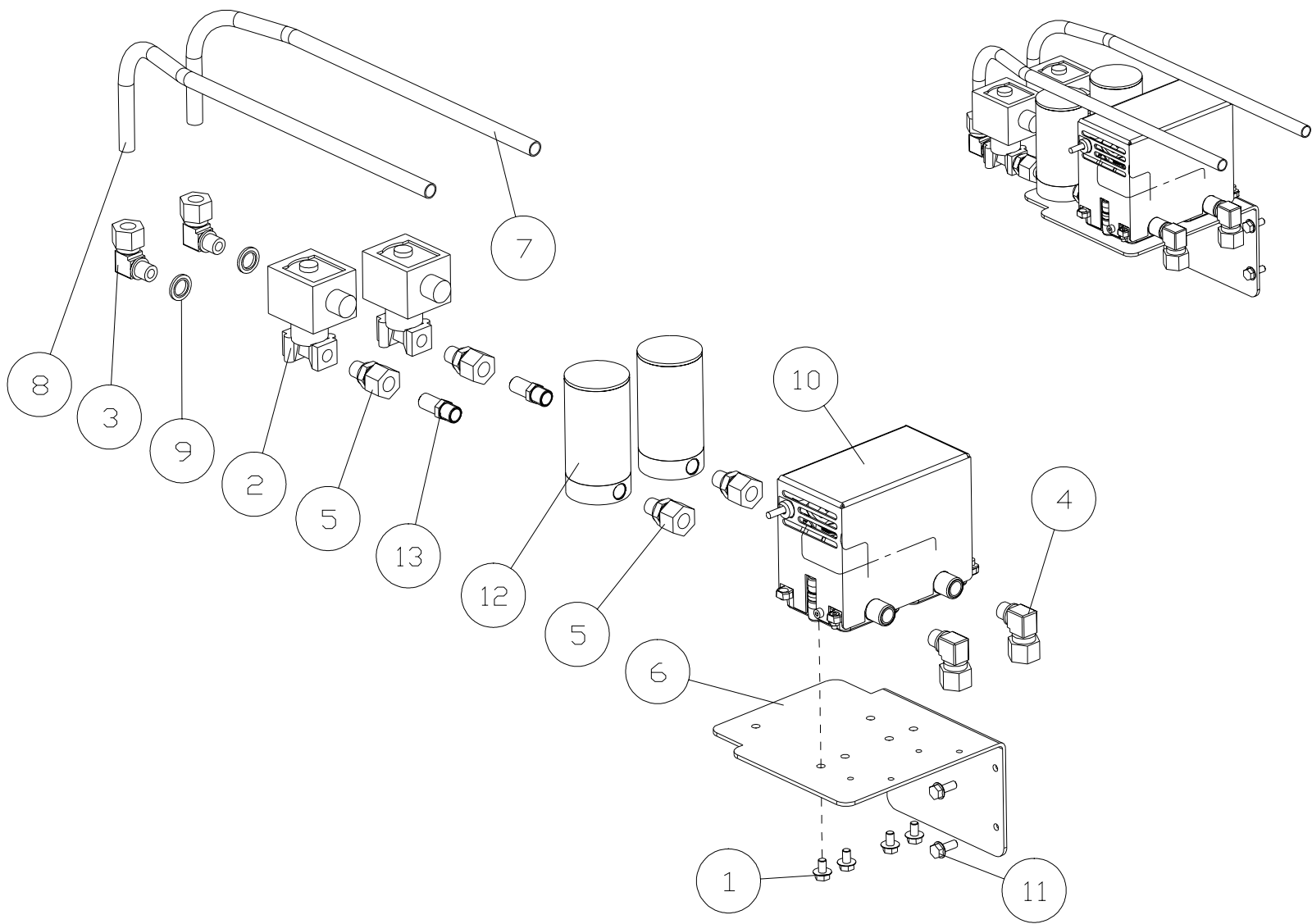
6.4 VR per Product Option

Item No	Description	Désignation Français	Part No	Comments
1	Nipple 3/4"-1" BSPM	Rac Mam 3/4-1	900030-002	
2	Elbow Compr 3/8" BSPM 12mm	EQ-PIQ-M12-3/8	900031-002	
3	Straight Compr 3/8" BSP 12mm	Rac Piq Male 12 - 3/8	900032-001	
4	T Compr 12x12x12	Rac Te Egal D12	900035-001	
5	Coil 24V EEx m 11 T4 Fuse	Bobine 24V EEx m 11 T4 Fuse	900082	
6	Plungerhouse + plunger	Plongeur complete	900723	
7	Spring for plunger	Ressort de plongeur	900724	
8	Nut for plunger	Ecrou par plongeur	900725	
9	Stop+seal inline valve	Bouchon soupape	900726	
10	Flange 1" 78mm	Bride 1" 78mm	901320-001	
11	Gasket - Flange 78-82	Joint de bride 78-82	901859	
12	Plug hyd G 3/8"	Rac bouch G 3/8"	902001-001	
13	Pipe 12mm per product 2	Tube 12mm RV par produit 2	903040	
14	Pipe 12mm VR per product 3	Tube 12mm RV par produit 3	903041	
15	Danfoss Valve 2 in 1 out	Danfoss soupape 2 dans 1 hors de	903055	
16	Flexible outlet VR pump assy	Flexible sortie pomperv asm	903125	
17	VR pipe 3 product 1	RV tube 3 produit 1	903127	3 products only
	Pipe 12mm VR per product 1	Tube 12mm RV per produit 1	903039	2 products only
18	VR pipe 3 product 2	RV tube 3 produit 2	903128	3 products only
19	VR pipe 3 product 3	RV tube 3 produit 3	903129	3 products only
20	VR pipe 3 product 4	RV tube 3 produit 4	903130	3 products only
21	Pipe 12mm VR per product 4	Tube 12mm RV par produit 4	903131	3 products only
	Pipe 12mm VR per product 4	Tube 12mm RV par produit 4	903042	2 products only



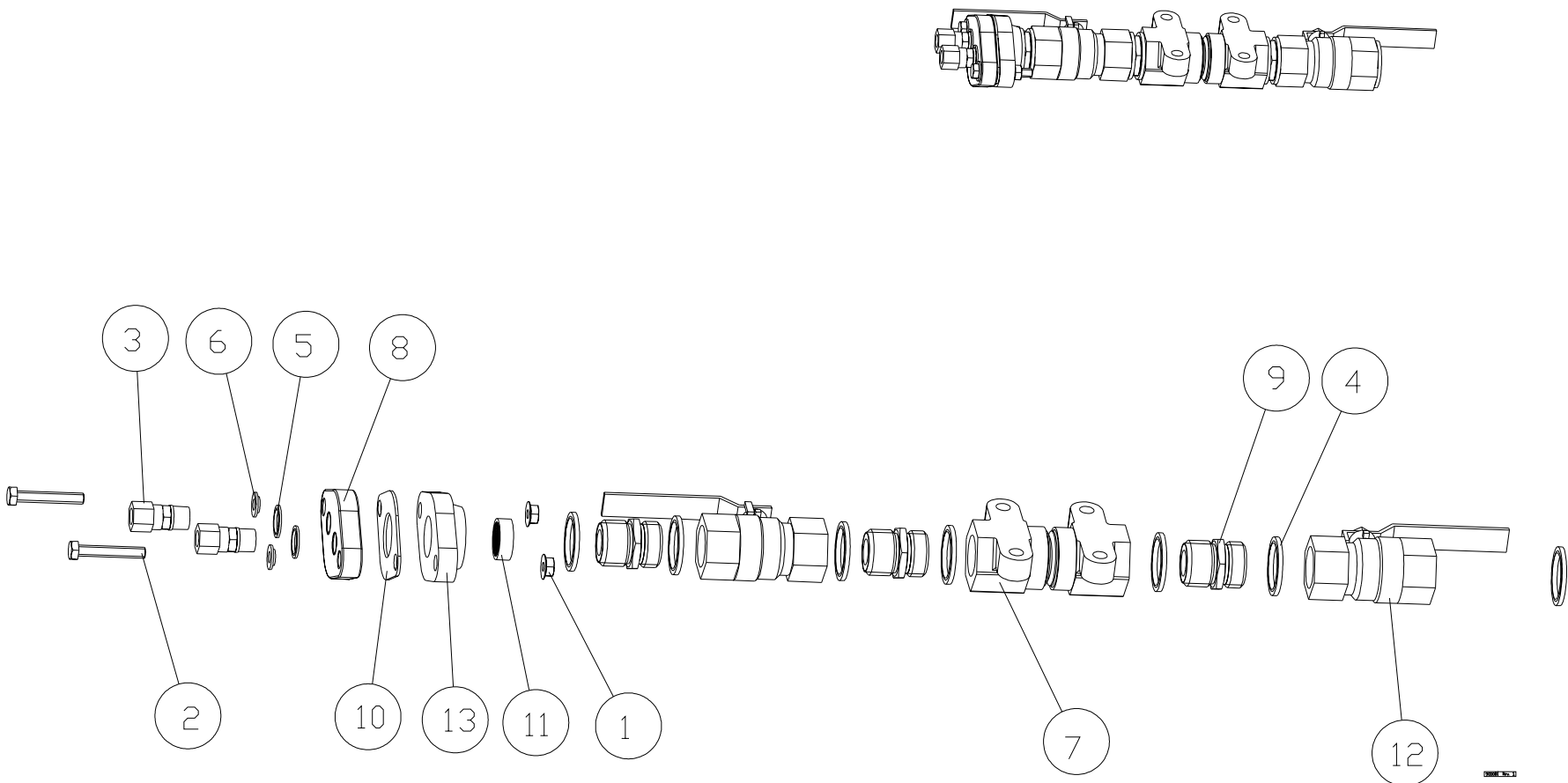
6.5 VR Pressure Gauge

Item No	Description	Désignation Français	Part No	Comments
1	T Compr 12x12x12	Rac Te Egal D12	900035-001	
2	Vacuum gauge	Jauge sous vide	902802	
3	Pipe 1 - Pressure gauge option	Tube 1 - indicateur option	903024	
4	Pipe 2 - pressure gauge option	Tube 2 indicateur option	903025	
5	Pzr Gauge Adaptor EO2	PZR Indicateur Adapteur EO2	903029-001	
6	GRVP Pipe 12mm Italian RHS	GRVP Tube 12mm Italien RHS	903073	
7	GRVP Pipe 12mm Italian LHS	GRVP Tube 12mm Italien LHS	903074	
8	Pipe VR Gauge Right 2F	Pipe RV 2F Mesure Droite	907883	
	Pipe VR Gauge Right 3F	Pipe RV 3F Mesure Droite	907882	
	Pipe VR Gauge Right 4F	Pipe RV 4F Mesure Droite	907881	
	Pipe VR Gauge Right 5F	Pipe RV 5F Mesure Droite	907880	
9	Pipe VR Gauge Left 2F	Pipe RV 2F Mesure Gauche	907888	
	Pipe VR Gauge Left 3F	Pipe RV 3F Mesure Gauche	907887	
	Pipe VR Gauge Left 4F	Pipe RV 4F Mesure Gauche	907886	
	Pipe VR Gauge Left 5F	Pipe RV 5F Mesure Gauche	907885	



6.6 ECVR Vapour Flow Meter Option

Item No	Description	Désignation Français	Part No	Comments
1	Screw HFHSL M6x10	Vis Hex Br Autobl M6x10	900016-003	
2	Proport Valve ECVR	Soupape Proport ECVR	900029	
3	Coupling Elbow Compression	raccord Equerre a Piquage Male	900031	
4	Elbow Compr 1-4" BSPM 12mm	EQ-PIQ-M12-1-4	900031-001	
5	Straight Compr 1/4" BSP 12mm	RacPiq Male 12 - 1/4	900032-002	
6	Support Bracket VFM	Support Bracket VFM	900436	
7	Pipe_VR_Valve_ECVR_A	Tube_VR_Soupape_ECVR_A	900447	
8	Pipe_VR_Valve_ECVR_B	Tube_VR_Soupape_ECVR_B	900448	
9	Dowty seal self centre gen	Dowty joint torique gen	900450	
10	VFM 2 Assy	VFM - 2 assemble	900452	
11	Screw HFHTF M6x16	Vis Hex Taradeuse M6x16	900708-003	
12	Damping Vessel	Recipient	901053	
13	Threaded pipe 12-1/4"	Tube a vis de filet 12-1/4"	901754-001	



6.7 VR Shear Valve Option (UK only)

Item No	Description	Désignation Français	Part No	Comments
1	Nut Hex Self Lock M8	Ecrou autobloquant Flange M8 x	900013-004	
2	Screw HH M8x50	Vis H M8x50	900015-005	
3	Straight Compr 3/8" BSP 12mm	Rac Piq Male 12 - 3/8	900032-003	
4	Dowty seal self centre 1"BSP	Dowty joint auto centre 1"BSP	900450-004	
5	Dowty seal self centre 3/8"BSP	Dowty joint auto centre 3/8"	900450-005	
6	Insulation sleeve 8.2 mm	Manchon isolant 8.2 mm	900758-003	
7	Shear valve	Raccord cassant RV	901109	
8	Flange - VR return	Bride retour RV	901596	
9	Nipple 22mm G1	Douille 22mm G1	901772	
10	Gasket - flange 78-82	Joint de bride 78-82	901859	
11	Flame Arrestor VR	Pare Flamme RV	902002	
12	Valve	Vanne	902681	
13	Flange	Bride	902682	

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