

# ***Operating Instructions***

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**VCE2600D ★ ★ ★**

**INDEX 001**



## **Congratulations!**

You have decided to purchase a tried and tested TYROLIT-Hydrostress unit and have thus acquired a highly sophisticated and reliable state-of-the-art unit. The exclusive use of only TYROLIT Hydrostress spare parts ensures quality and interchangeability. If maintenance work is neglected or carried out inexpertly we will be unable to honour our warranty obligations. Any repair work must be carried out by trained personnel only.

Should you need more details concerning your TYROLIT Hydrostress unit in order to keep it in perfect condition, please contact our after-sales service for further information.

We hope that you enjoy untroubled and fault-free working with your TYROLIT unit.

TYROLIT Hydrostress

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# CE Konformitätserklärung



Typenschild hier aufkleben



## Staubabscheider VCE2600D ★★★

Wir erklären in alleiniger Verantwortung, dass dieses Produkt mit den folgenden Richtlinien und Normen übereinstimmt:

### Angewandte Richtlinie

Maschinen-Richtlinien 2006/42/EG  
EMV 2004/108/EG

### Angewandte Normen

EN 60335-1: 2002 + A14 / EN 60335-2-69: 2009  
EN 61000-6-3: 2007 / EN 61000-6-2: 2005

# CE Declaration of conformity

## Dust separator VCE2600D ★★★

We declare under our sole responsibility that this product complies with the following directives and standards:

### Directive applied

Machinery Directives 2006/42/EC  
EMV 2004/108/EG

### Applied standards

EN 60335-1: 2002 + A14 / EN 60335-2-69: 2009  
EN 61000-6-3: 2007 / EN 61000-6-2: 2005

# CE Déclaration de conformité

## Séparateur de poussière VCE2600D ★★★

Nous déclarons, sous notre seule responsabilité, que ce produit répond aux directives et normes suivantes:

### Directive appliquée

Directive relative aux machines 2006/42/CE  
EMV 2004/108/EG

### Normes appliquées

EN 60335-1: 2002 + A14 / EN 60335-2-69: 2009  
EN 61000-6-3: 2007 / EN 61000-6-2: 2005

# CE Dichiarazione di conformità CE

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## Abbattitore delle polveri VCE2600D\*\*\*

Dichiariamo sotto la nostra completa responsabilità che il presente prodotto è conforme alle seguenti direttive e norme:

### Direttiva applicata

Direttiva Macchine 2006/42/CE  
EMV 2004/108/EG

### Norme applicate

EN 60335-1:2002 + A14 / EN 60335-2-69:2009

EN 61000-6-3:2007 / EN 61000-6-2:2005



# CE Declaración de conformidad CE

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## Separador de polvo VCE2600D\*\*\*

Declaramos bajo propia responsabilidad que este producto cumple con las siguientes directivas y normas:

### Directiva aplicada

Directiva de Máquinas 2006/42/CE  
EMV 2004/108/EG

### Normas aplicadas

EN 60335-1:2002 + A14 / EN 60335-2-69:2009

EN 61000-6-3:2007 / EN 61000-6-2:2005

## TYROLIT Hydrostress AG

Witzbergstrasse 18  
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Switzerland

Pfäffikon, 10.03.2011

Pascal Schmid  
Leiter Entwicklung



## **Notice!**

**This instruction covers only the vacuum cleaner type VCE 2600 DP.**

**The vacuum cleaner, VCE 2600 DP can only be used for dry, non explosive material.**

**If the vacuum cleaner is used for other applications or been used in other ways than explained in this instruction book, TYROLIT Hydrostress will not take any responsibility.**

**Before using the machine, please carefully read the safety regulations.**

**Read the complete instruction book before using the vacuum cleaner.**

**All spare part used for the vacuum cleaner type VCE 2600 DP must be recognized by TYROLIT Hydrostress.**

## **Un packing**

When unpacking the machine, please check that the vacuum cleaner, hoses and accessories do not have any transportation damages.

## **Safety Instructions**

### **Handling**

#### **Warning**

- Cables damaged through crunching or cracking can be dangerous if used and should be replaced immediately. Risk of personal injury.

#### **Warning**

- Do not connect the machine to an unearthed socket. Risk of personal injury.

#### **Warning**

- Make sure the assembly area is firm, so the vacuum cleaner do not tip over. Risk of personal and material injury.

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#### **Warning**

- Risk for pinch injuries when handling the toggle fastener.

#### **Warning**

- The machine must not be use in environments where explosive gases can occur. Large risk for explosions.

### **Service**

#### **Warning**

- Remove the plug from the wall socket when carrying out maintenance work. Risk of personal injury.

#### **Warning**

- Health impairing dust can be spread when the coarse filter and the absolute filter are replaced. Accordingly, the user should wear protective glasses, protective gloves, and a breathing mask conforming to protection class FFP3

#### **Warning**

- Do not puncture the absolute filer. Risk for dust dispersion.

## **Handling**

**The machine is for sucking and separating dry, not combustible dust with limit value of explosion  $>0.1\text{mg}/\text{m}^3$ .**

The motor is started by the switch. Dust laden air is then sucked through the inlet valve at high speed via the suction hose. The air is slowed down by the cyclone and coarse dust particles are separated out, partly by centrifugal force and partly by gravity. Air and finer particles then pass through the tube filter where separation is made. The machine is designed for filter cleaning by reverse air pulse.

The separated dust accumulates in the cyclone until the machine is switched off, when it drops through the bottom flap into the plastic bag.

## **Using**

Before using must the user be educated in handling the vacuum cleaner and the hazardous dust.

The machine must be in top position. Place one foot on the trolley. Lift the whole tank-section upwards along the 2 guides to the extremity, which means above the top and down to the end position.

Connect the electric plug to an outlet with correct voltage (see the designation plate).

From time to time the filter must be cleaned. This must be done before changing the plastic bag. Even appropriate when the working is completed or when there is poor suction.

Procedure: Cover the inlet, let the machine build up vacuum for a few seconds then quickly push down on the key and release it slowly. Repeat the procedures 5-10 times. If suction remains poor, the filter should be replaced.

The machine is equipped with a plastic bag of longopack type. When the bag is filled up change of bag is done by adding a stripes on the plastic bag. Add one more stripes and cut the bag in between. Adjust the size of bag by pulling down the plastic tube. Change of bag should only be done after cleaning the filter. Changing the complete longopack is shown in figure 2.

Only use original parts.

By transporting the tank-section must be lowered to the lowest position (security). First clean the filter and then change the plastic bag. Lowering is performed according to raising.

## **CHANGE OF FILTER**

### **Risk of dust dispersion - Personal safety equipment**

Health impairing dust can be spread during change of filter. Accordingly, the user should wear protective glasses, protective gloves, and a breathing mask conforming to protection class FFP3.

**Shut off the machine and pull the plug out of the socket.**

## **TUBE-FILTER**

Loosen the 3 clamps between the upper and lower housing. Lift out the filter and holder and place it gently on a table. Remove all hose clamps and then remove all (7 pcs) filters. Insert new filters in reversed order. Tighten the clamps hard. Only original filter may be used. See part 6.

### **MICRO FILTER**

Loosen the two nuts on the filter cap., and then carefully lift the filter in a proper plastic bag. This bag must be taken care of in a proper way. Insert a new filter in reversed order. Check the sealing, when changing filters, and change defect sealing.

### **DUSTFILTER**

When using dust filter D2800C, perform as follows (see fig 1):

- Loosen the three clamps on the tank and remove the top cover.
- Lift off the ring including sealing.
- Lift off the upper vessel.
- Lift off the tube-filter and replace it with the mentioned ring.
- Reassemble the upper vessel.
- Place the dust filter D2800C between upper vessel and the top cover.
- Tighten the top cover with the three clamps.

## **Service**

When cleaning and servicing the machine, You must switch off the machine and pull out the plug from the outlet.

- Avoid cleaning with high pressure cleaner. If necessary do not point at the openings on the machine, especially the opening for the cooling air.
- Before moving the machine from the working area, the machine must be cleaned. Furthermore must the inlet be locked with the expanding plug attached.
- All other equipment must be regarded contaminated and be treated thereafter.
- If possible use a special suitable room.
- Proper personnel protective equipment must be used.
- All parts after service, which are contaminated, must be taken care of in a proper way in plastic bags according to all regulations.
- If the vacuum cleaner has to be used for other purposes, it is extremely important that the vacuum cleaner will be cleaned, to avoid spreading of hazardous dust.

## **Accessories**

<b>PART.NO.</b>	<b>DESCRIPTION</b>
1337022	333 C-Polyestrefilter
1337043	336 Cellulose filter
1337055	2800 Filter tube
1337021	332 Micro filter
1220046	D2800C C-filter
1376013	Longopack (4-pack)

Other spare parts, see enclosed spare parts list.

## **Warranty**



All Vacuum cleaners and accessories have a 12-month factory warranty for material and manufacturing defects. Do not attempt to repair the suction apparatus without the consent of the manufacture.

The warranty does not cover defects which are the result of normal wear and tear, negligence, defective use, unauthorised repair or the suction apparatus being connected to the incorrect voltage.

In the event of any complaint, the suction apparatus or an agreed part of it must be returned to us or our authorised representative for warranty examination and for any warranty repair or replacement.

## **Problem solving**

VCE 2600 DP are manufactured and made for a severe environment and tasks, but the user must notice that the machine contents of components which must be protected from hits and blows. Filter, sealing connections are carefully chosen for the environment of the operator. Therefore must the machine be treated with knowledge as to work correctly for many years.

<b><u>Problem</u></b>	<b><u>Cause</u></b>	<b><u>Procedure</u></b>
Motor don't start	No current Defect switch	Connect the machine Change
Motor stops immediately	Wrong fuse	Connect to proper fuse
Motor runs, but no suction	Hose not connected Hose blocked No plastic bag	Connect the hose Clean the hose Mount plastic bag
Motor runs, but poor suction	Damage on the hose Blocked filter Top cover loose Dirt in the flap Defect sealing	Change hose Change filter Adjust Clean the flap. Use protective equipment Change current sealing
Dust is blowing from motor	Defect or loose filter	Adjust or change
Abnormal noise		Order service

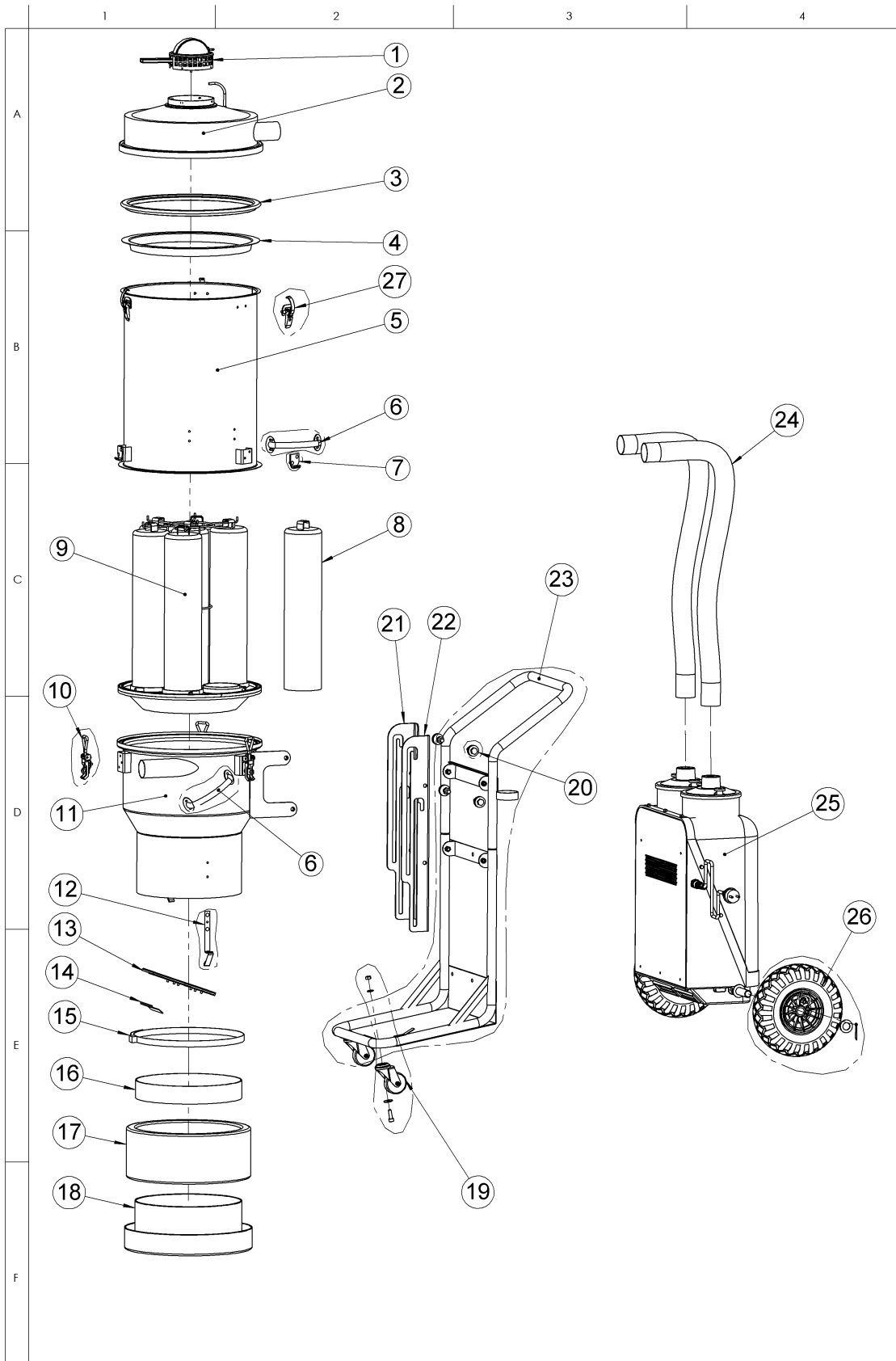
**SAVE THESE INSTRUCTIONS!**

## TECHNICAL PERFORMANCE

### VCE 2600 DP

	<b>230V</b>	<b>110V</b>
Voltage	230 VAC, 12A, one phase	110 VAC, 24A, one phase
Power max	2600 W (2x1300)	2400W (2X1200)
Airflow	124 l/s	
Vacuum	22 kPa	
Hose	7.5m x Ø 50mm	
Inlet	Ø 50mm	
Tube-filters	Polyester 0.15 m <sup>2</sup> (7x)	
Fine filter	99.95% 1.7 m <sup>2</sup>	
Micro filter	99.995% 0.6 m <sup>2</sup> (2x)	
Sound level	70 dB(A)	
DIMENSIONS	1130(1430) x550x820 mm	
Weight	50 kg	

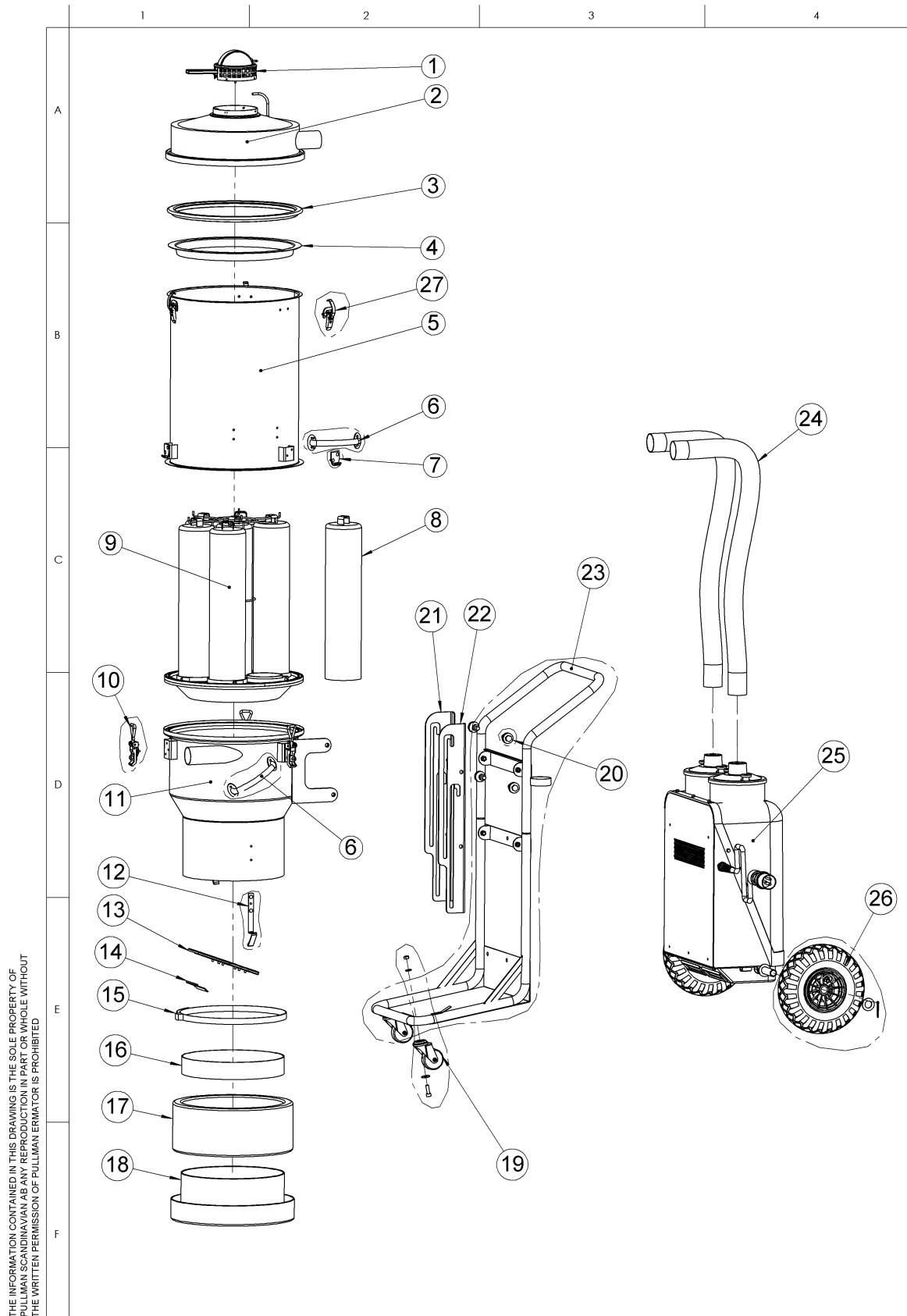
# Spareparts for 230V model.



Spareparts for 230V model.

Pos.	Antal /QTY	VCE 2600DP 230V	Description
1	1	200600127	Clean unit
2	1	200600812a	Tank top complete
3	1	1351197	Seal
4	1	200500230	Ring
5	1	200600811	Tank complete
6	4	200600819	Handle kit
7	3	200600820	Mount kit
8	7	200600817	Tube filter
9	1	200600813	Filter package complete
10	3	200600606	Excentric lock kit
11	1	200600810	Lower tank complete
12	2	200600654	Clamp kit
13	1	200500172	Flap complete
14	1	200500162	Sheet fastener
15	1	1371001	Belt
16	1	1351145	Anti skid
17	1	1376013	Longopac 4-pcs
18	1	200600536	Longopac holder
19	2	200600797	Wheel kit
20	4	200600821	Slide kit
21	1	200600053a	Guide
22	1	200600053	Guide
23	1	200600822	Wagon kit
24	2x0,9	1332037	Hose
25	1	200600539	Engine package 230V
26	2	200600818	Wheel kit
27	3	200600799	Clamp kit

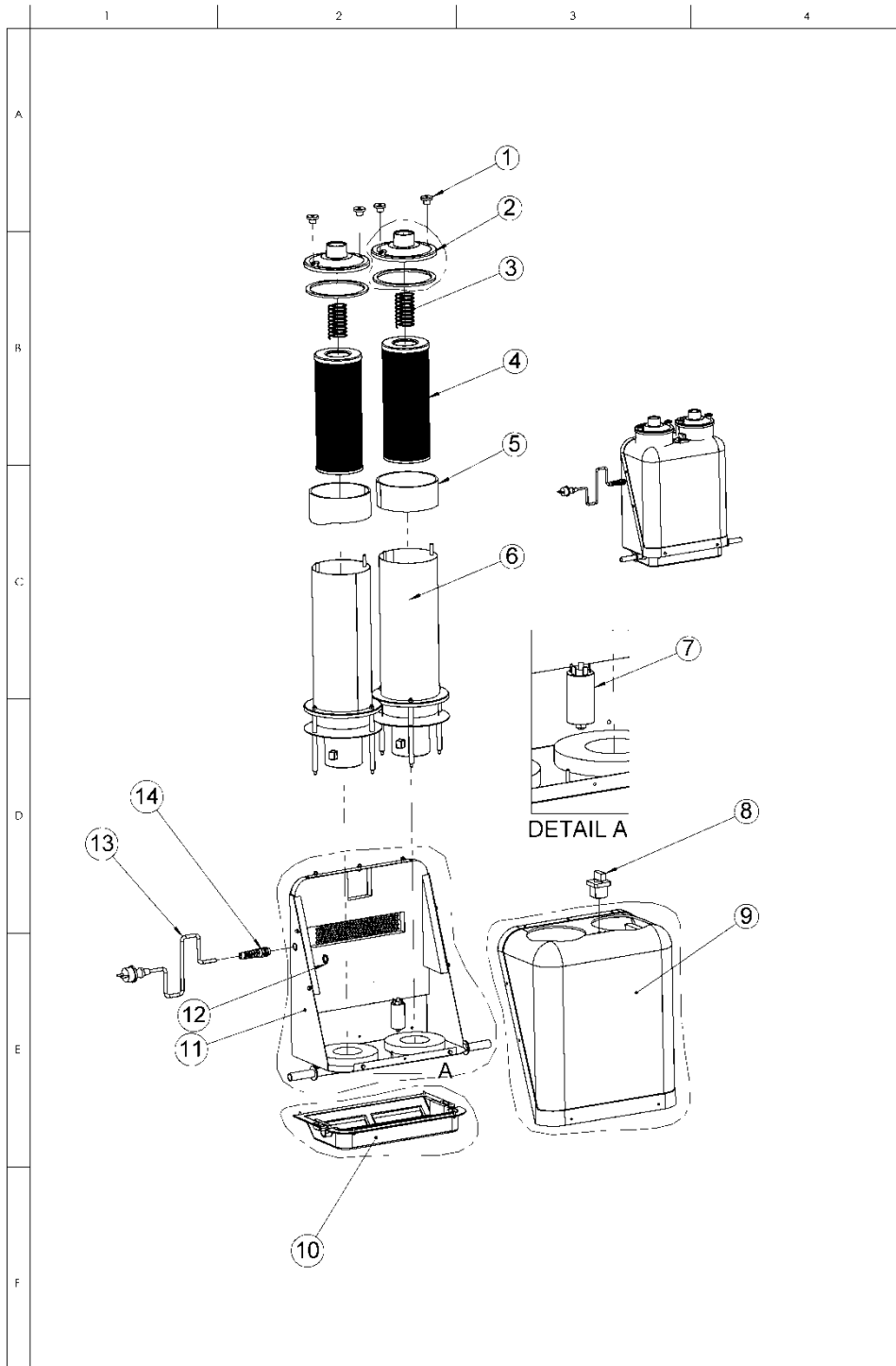
# Spareparts for 110V model.



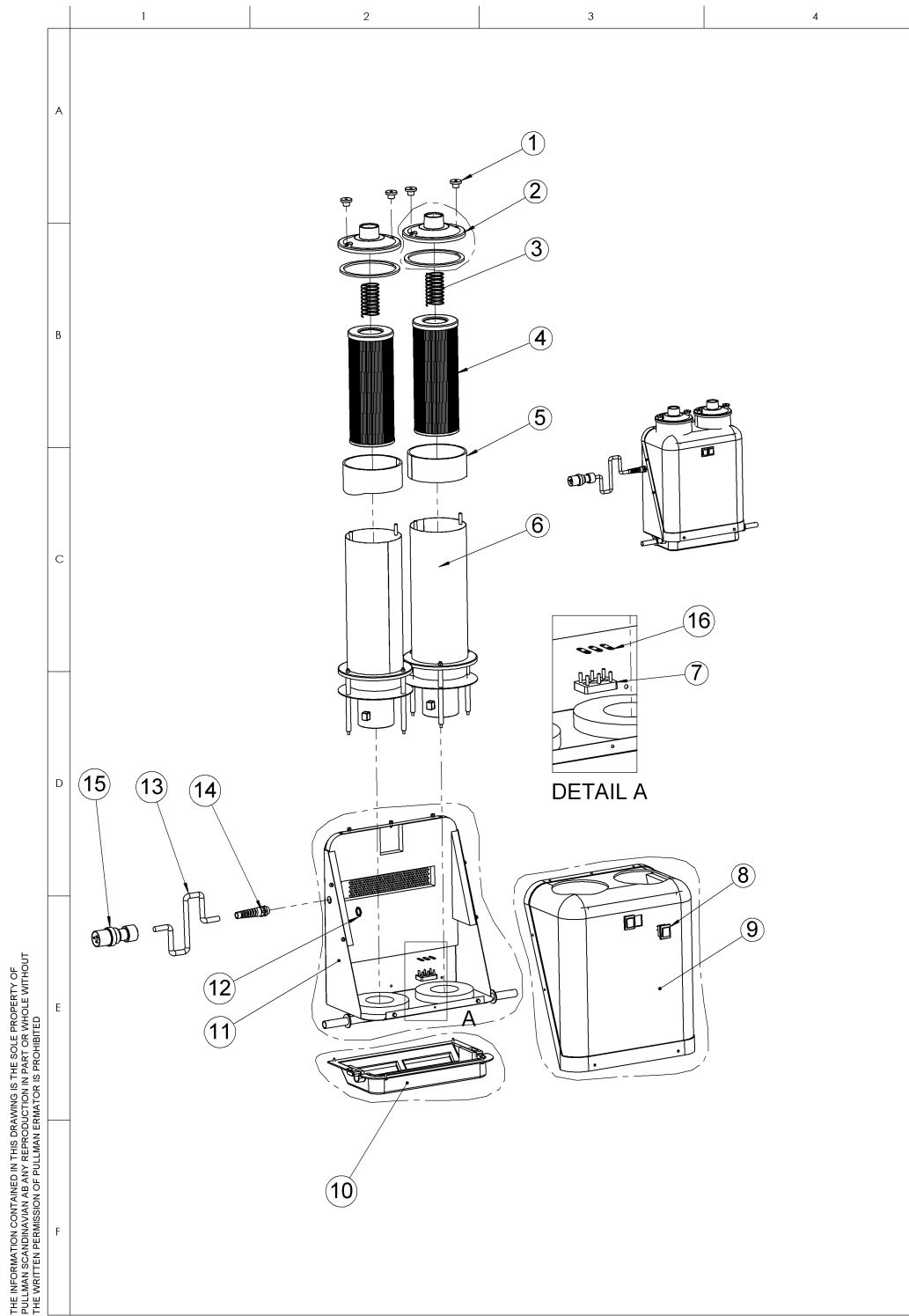
**Spareparts for 110V model.**

<b>Pos.</b>	<b>Qty</b>	<b>VCE 2600 DP 110V</b>	<b>Description</b>
1	1	200600127	Clean unit
2	1	200600812a	Tank top complete
3	1	1351197	Seal
4	1	200500230	Ring
5	1	200600811	Tank complete
6	4	200600819	Handle kit
7	3	200600820	Mount kit
8	7	200600817	Tube filter
9	1	200600813	Filter package complete
10	3	200600606	Excentric lock kit
11	1	200600810	Lower tank complete
12	2	200600654	Clamp kit
13	1	200500172	Flap complete
14	1	200500162	Sheet fastener
15	1	1371001	Belt
16	1	1351145	Anti skid
17	1	1376013	Longopac 4-pcs
18	1	200600536	Longopac holder
19	2	200600797	Wheel kit
20	4	200600821	Slide kit
21	1	200600053a	Guide
22	1	200600053	Guide
23	1	200600822	Wagon kit
24	2x0,9	1332037	Hose
25	1	200600539a	Engine package 110V
26	2	200600818	Wheel kit
27	3	200600799	Clamp kit

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Pos.	Antal /QTY	Engine pack 230 V	Description
1	4	1358010	Letter nut
2	2	200600483	Cover kit
3	2	1357056	Spring
4	2	1337021	Filter
5	2	200600080	Seal
6	2	200600084	Engine tube complete 230V
7	1	1362165	Protection
8	1	1362135	Switch
9	1	200600805	Engine cover kit
10	1	200600806	Cover kit
11	1	200600807	Chassis kit
12	1	1362055	Jam nut
13	1	1361023	Cable
14	1	1362132	Cable fix



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Pos.	Qty	Engine pack. 110V	Description
1	4	1358010	Letter nut
2	2	200600483	Cover kit
3	2	1357056	Spring
4	2	1337021	Filter
5	2	200600080	Seal
6	2	200600084a	Engine tube complete 110V
7	1	1362042	Terminal
8	2	1362182	Switch
9	1	200600805a	Engine cover kit
10	1	200600806	Cover kit
11	1	200600807	Chassis kit
12	1	1362185	Jam nut
13	2,5	1361025	Cable
14	1	1362184	Cable fix
15	1	1362209	Plug
16	3	1362043	Closing link