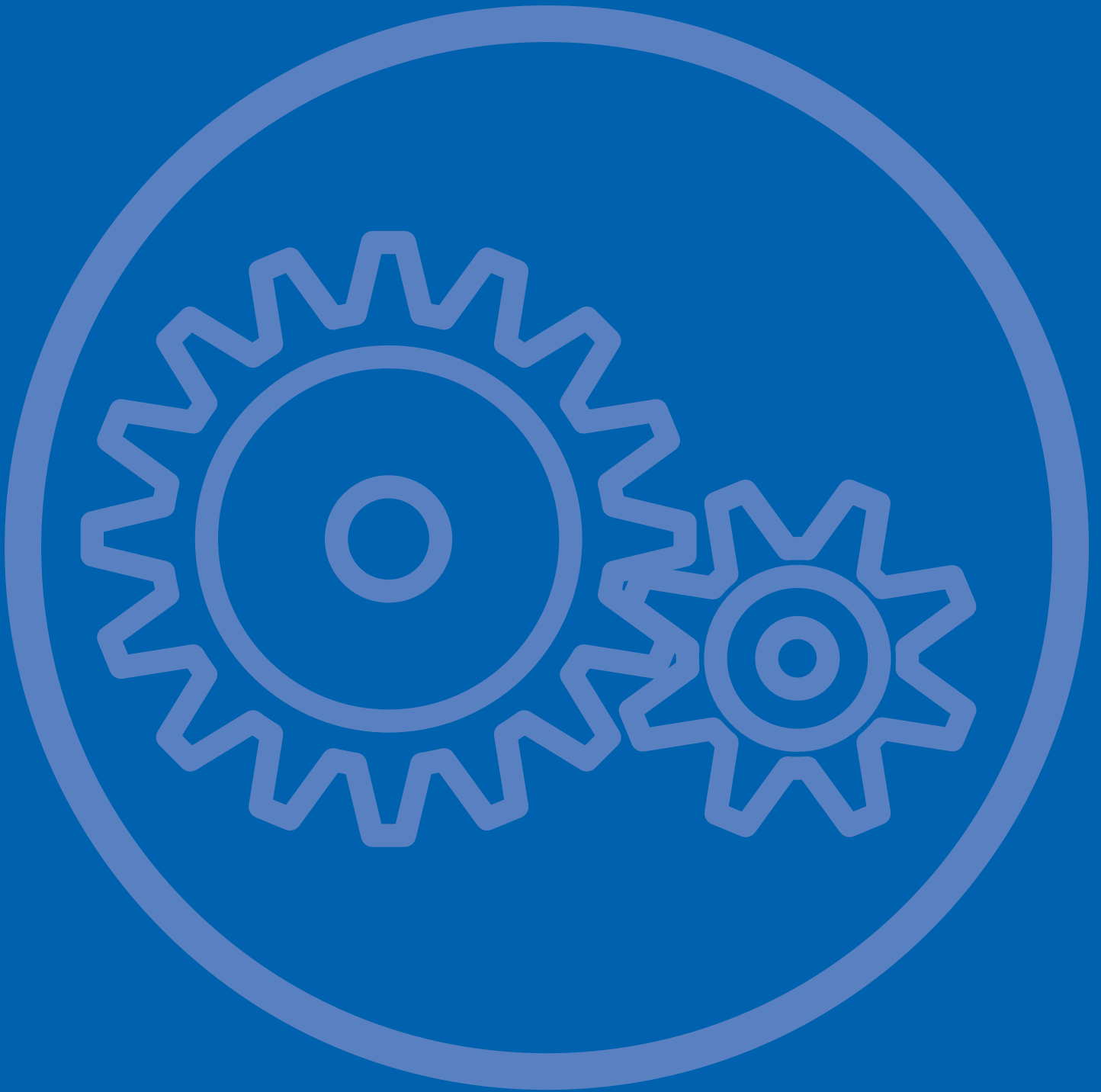




Workshop manual

A 25, A 45, A 100



English

---

# Contents

---

## 1 Introduction

|                               |   |
|-------------------------------|---|
| 1.1 Document description..... | 3 |
| 1.2 Target group.....         | 3 |
| 1.3 Revisions.....            | 3 |
| 1.4 Safety.....               | 3 |

## 2 Safety

|                                              |   |
|----------------------------------------------|---|
| 2.1 Safety definitions.....                  | 4 |
| 2.2 General safety instructions.....         | 4 |
| 2.3 Grounded product instructions.....       | 4 |
| 2.4 Symbols on the product.....              | 4 |
| 2.5 Safety instructions for maintenance..... | 4 |

## 3 Prepare and do servicing on the product

|                                                 |   |
|-------------------------------------------------|---|
| 3.1 Introduction.....                           | 5 |
| 3.2 Maintenance schedule .....                  | 5 |
| 3.3 To clean and examine the product parts..... | 6 |

## 4 Servicing data

|                                          |    |
|------------------------------------------|----|
| 4.1 Fan and fan inlet plate (A 25).....  | 7  |
| 4.2 Fan and fan inlet plate (A 45).....  | 8  |
| 4.3 Fan and fan inlet plate (A 100)..... | 9  |
| 4.4 Bottom cover (A 25).....             | 11 |
| 4.5 Bottom cover (A 45).....             | 12 |
| 4.6 Top cover (A25, A45).....            | 13 |
| 4.7 Frame and wheels (A 100).....        | 14 |
| 4.8 Cover (A 100).....                   | 15 |
| 4.9 Electrical (A 25).....               | 16 |
| 4.10 Electrical (A 45).....              | 17 |
| 4.11 Electrical (A 100).....             | 18 |

## 5 Function overview

|                                           |    |
|-------------------------------------------|----|
| 5.1 Type plate/Product serial number..... | 19 |
| 5.2 Type plate.....                       | 19 |

## 6 Product overview for repair and servicing

|                                  |    |
|----------------------------------|----|
| 6.1 Product overview A 25.....   | 20 |
| 6.2 Product overview A 45.....   | 21 |
| 6.3 Product overview A 100 ..... | 22 |

## 7 Repair and servicing

|                                          |    |
|------------------------------------------|----|
| 7.1 To clean the product.....            | 23 |
| 7.2 To clean the washable prefilter..... | 23 |
| 7.3 Filter.....                          | 23 |
| 7.4 Fan.....                             | 26 |
| 7.5 Handle.....                          | 28 |

## 8 Troubleshooting

|                                                             |    |
|-------------------------------------------------------------|----|
| 8.1 Troubleshooting schedule.....                           | 30 |
| 8.2 LED indicators on the control panel (A 25).....         | 31 |
| 8.3 LED indicators on the control panel (A 45, A 100).....  | 32 |
| 8.4 Warning symbols on the control panel (A 45, A 100)..... | 33 |
| 8.5 To stop the warning alarm (A 25).....                   | 35 |
| 8.6 To stop the warning alarm (A 45, A 100).....            | 35 |

## 9 Transportation, storage and disposal

|                                                                     |    |
|---------------------------------------------------------------------|----|
| 9.1 Transportation of the product.....                              | 36 |
| 9.2 To transport the product short distance (A 25).....             | 36 |
| 9.3 To transport the product with telescopic handle (A 45).....     | 36 |
| 9.4 To transport the product with the foldable handle (A 100) ..... | 37 |
| 9.5 To transport the product long distance.....                     | 37 |
| 9.6 Storage of the product.....                                     | 37 |
| 9.7 To lift the product (A 100).....                                | 37 |
| 9.8 To stack the product (A25, A45).....                            | 37 |
| 9.9 To stack the product (A 100).....                               | 38 |
| 9.10 Disposal of the product.....                                   | 39 |

## 10 Diagrams

|                                                     |    |
|-----------------------------------------------------|----|
| 10.1 Wiring diagram (A 25), EU/AUS/NA/UK.....       | 40 |
| 10.2 Wiring diagram (A 25), EU/AUS/NA/UK.....       | 41 |
| 10.3 Electrical schedule (A 25), EU/AUS/NA/UK.....  | 42 |
| 10.4 Wiring diagram (A 45), EU/AUS/NA/UK/JP.....    | 43 |
| 10.5 Wiring diagram (A 45), EU/AUS/NA/UK/JP.....    | 44 |
| 10.6 Electrical schedule (A 45), EU/AUS/NA/UK/JP..  | 45 |
| 10.7 Wiring diagram (A 100), EU/AUS/UK/JP.....      | 46 |
| 10.8 Wiring diagram (A 100), EU/AUS/UK/JP.....      | 47 |
| 10.9 Wiring diagram (A 100), NA.....                | 48 |
| 10.10 Wiring diagram (A 100), NA.....               | 49 |
| 10.11 Electrical schedule (A 100), EU/AUS/UK/JP.... | 50 |
| 10.12 Electrical schedule (A 100), NA.....          | 51 |

## 11 Technical data

|                                  |    |
|----------------------------------|----|
| 11.1 Technical data (A 25).....  | 52 |
| 11.2 Technical data (A 45).....  | 53 |
| 11.3 Technical data (A 100)..... | 54 |



---

# 1 Introduction

---

## 1.1 Document description

This manual gives a full description of how to do maintenance and repair on the product. It also gives safety instructions that the personnel must obey.

## 1.2 Target group

This manual is for personnel with a general knowledge of how to do repair and do servicing. All personnel that do repair or do servicing on the product must read and understand the manual.

## 1.3 Revisions

Changes to the product can cause changes to the maintenance work and spare parts. Separate information is sent out for each change.

Read the manual together with all received information about changes to maintenance and spare parts for the product.

## 1.4 Safety



**WARNING:** All personnel that repair or do servicing on the product must read and understand the safety instructions in this workshop manual.

---

---

## 2 Safety

---

### 2.1 Safety definitions

Warnings, cautions and notes are used to point out particularly important parts of the manual.



**WARNING:** Used if there is a risk of injury or death for the operator or bystanders if the instructions in the manual are not obeyed.



**CAUTION:** Used if there is a risk of damage to the product, other materials or the adjacent area if the instructions in the manual are not obeyed.

**Note:** Used to give more information that is necessary in a given situation.

### 2.2 General safety instructions

- You must obey the safety instructions.
- You must prevent situations that can cause damage or injury.
- You must read the workshop manual before you do work on the product.
- You must read the operator's manual if you operate the product.
- Do not use a damaged product.
- Do not do work on the product if you have health problems that can cause dangerous situations.
- Do not use the product if you are tired, ill, or under the influence of alcohol, drugs or medicine.
- Do not touch the product if your hands are wet.
- Make sure that only approved persons can come near the product.
- Replace all damaged or missing warning symbol decals.

### 2.3 Grounded product instructions



**WARNING:** Incorrect connection can result in electrical shock. Speak to an approved electrician if you are not sure if your mains outlet is correctly grounded.

Do not do modifications to the power plug from its factory specification. If the power plug or power cord is damaged or must be replaced, speak to your service agent. Obey local regulations and laws.

If you do not fully understand the instructions about the grounded product, speak to an approved electrician.

Use only grounded outdoor extension cables with grounding plugs and grounding outlet that accepts the product power plug.

The product has a grounded power cord and power plug. Always connect the product to a grounded mains outlet. This decreases the risk of electrical shock.

Do not use electrical adapters with the product.

### 2.4 Symbols on the product



**WARNING:** This product can be dangerous and cause serious injury or death to the operator or others. Be careful and use the product correctly.



Please read the operator's manual carefully and make sure you understand the instructions before using the product.



Always put on hearing protection, eye protection and breathing protection.



The electrical grounding point on this product is identified by the ground symbol.



Do not use metal hooks, chains or other lifting equipment with rough edges that can cause damage to the lifting eye. Only use soft lifting straps.



The symbol means that the product is not domestic waste. Recycle it through your local collection system for electrical and electronic equipment. This contributes to proper end of life waste management. Contact local authorities, domestic waste services, your Husqvarna servicing dealer or retailer for information. Incorrect disposal may have potential negative effects on the environment and human health, due to the potential presence of hazardous substances.

### 2.5 Safety instructions for maintenance

- Make sure that the ON/OFF switch is in the OFF position.
- Disconnect the product from the power supply.
- Only use original spare parts.
- Use personal protective equipment.
- Do not use a high-pressure washer to clean the product. Water can go into the product and do damage to the electrical system. Use a moist cloth to clean the product.
- The servicing procedures cause contamination. Dispose all servicing equipment correctly in plastic bags after servicing. Refer to local regulations.

---

## 3 Prepare and do servicing on the product

---

### 3.1 Introduction

Only an maintenance trained professional is permitted to perform maintenance tasks. Note: this is not necessarily the same as an trained professional operator



**WARNING:** Product related accidents occur during the troubleshooting, servicing and maintenance as the operator must be in the risk area of the product. The operator must be careful, make a plan and prepare the work to prevent accidents.



**WARNING:** Before you do maintenance, make sure that the product switch is in the off position. Disconnect the power cord from the power outlet.



**WARNING:** Only let an approved electrician do all checks of the electric components.



**WARNING:** Make sure that you obey all local regulations to dispose the dangerous dust correctly, before and during maintenance.



**WARNING:** The manufacturer, or an instructed person, must do a technical inspection at least annually. The technical inspection includes an inspection of the filters for damage, air tightness of the product and correct function of the control mechanism. In addition to the filtration efficiency the product must be tested annually, or mote frequently as may be specified by national requirements. If the test is not conducted the essential filter must be replaced by a new one.

### 3.2 Maintenance schedule

The maintenance intervals are calculated from daily use of the product. The intervals change if the product is not used daily.

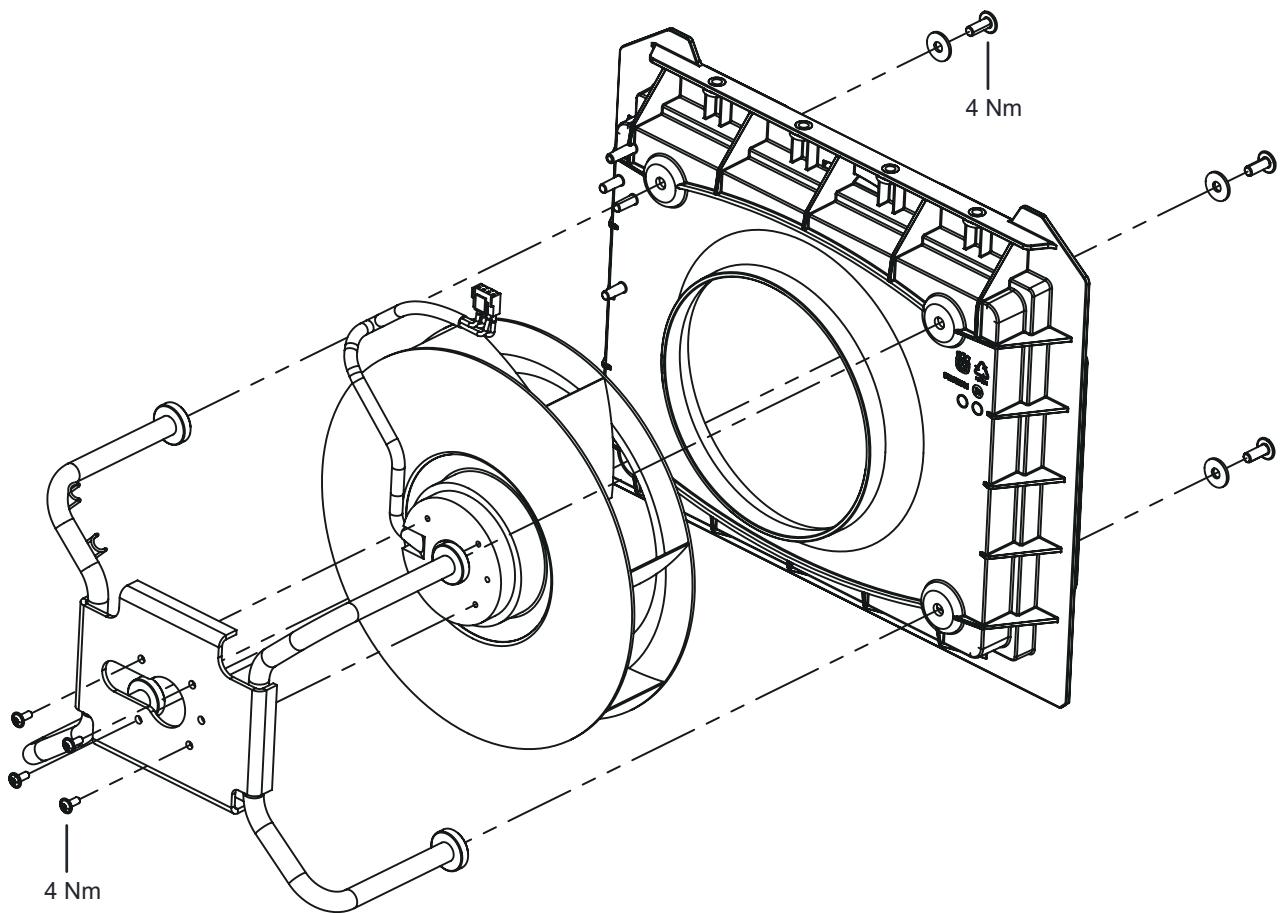
| Maintenance                                                                                                                                                                  | Before each use | Daily | Weekly | When suction is low | HEPA test cycle alarm | 12 months |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|--------|---------------------|-----------------------|-----------|
| Examine the power cord and the connection to the power supply for damage.                                                                                                    | X               | X     |        |                     |                       |           |
| Look for signs of wear, damage, or loose connections of the controls before the unit is connected                                                                            | X               | X     |        |                     |                       |           |
| Look for signs of wear or damage of the plastic parts.                                                                                                                       | X               | X     |        |                     |                       |           |
| Do a check of the lifting handles.                                                                                                                                           | X               | X     |        |                     |                       |           |
| Do a check of the accessory. Look for damage and make sure that the accessory are correctly attached.                                                                        | X               | X     |        |                     |                       |           |
| Do a check of the wheels. Look for damage and make sure that the wheels are correctly attached.                                                                              |                 |       | X      |                     |                       |           |
| Do a check of the prefilter and the essential filter make sure that they are in correct position.                                                                            |                 |       | X      |                     |                       |           |
| Remove and replace the prefilter. Refer to <i>To replace the prefilter (A 25, A 45, A 100) on page 23.</i>                                                                   |                 |       | X      | X                   |                       |           |
| Remove and replace the essential filter. Refer to <i>To replace the essential filter (A25, A45) on page 24</i> or <i>To replace the essential filter (A 100) on page 24.</i> |                 |       |        |                     | X                     | X         |

### 3.3 To clean and examine the product parts

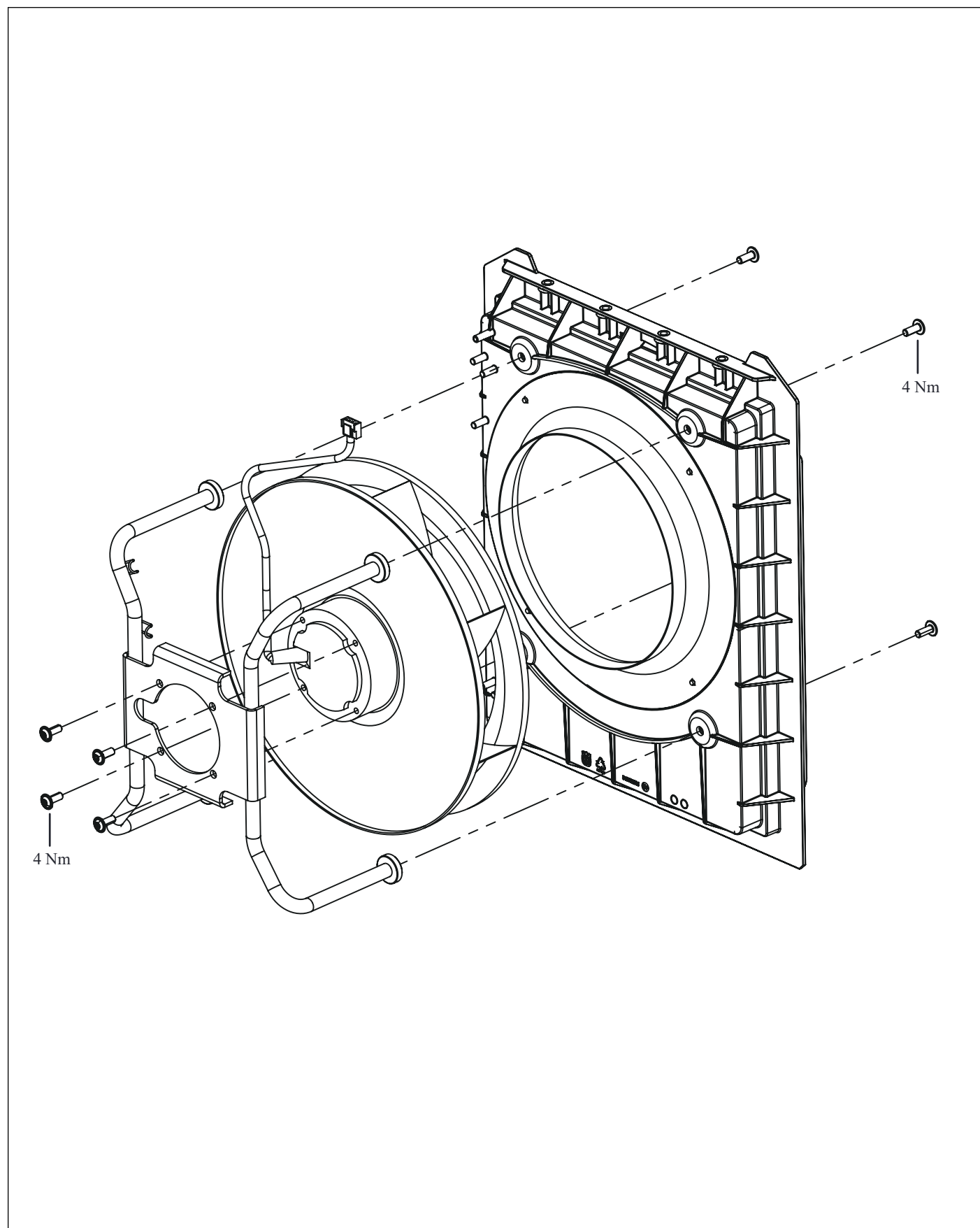
- Clean and examine all parts fully. You find more instructions in the chapter for each part if special tools or procedures are necessary.
- Replace damaged parts.
- Always use original spare parts.

## 4 Servicing data

### 4.1 Fan and fan inlet plate (A 25)

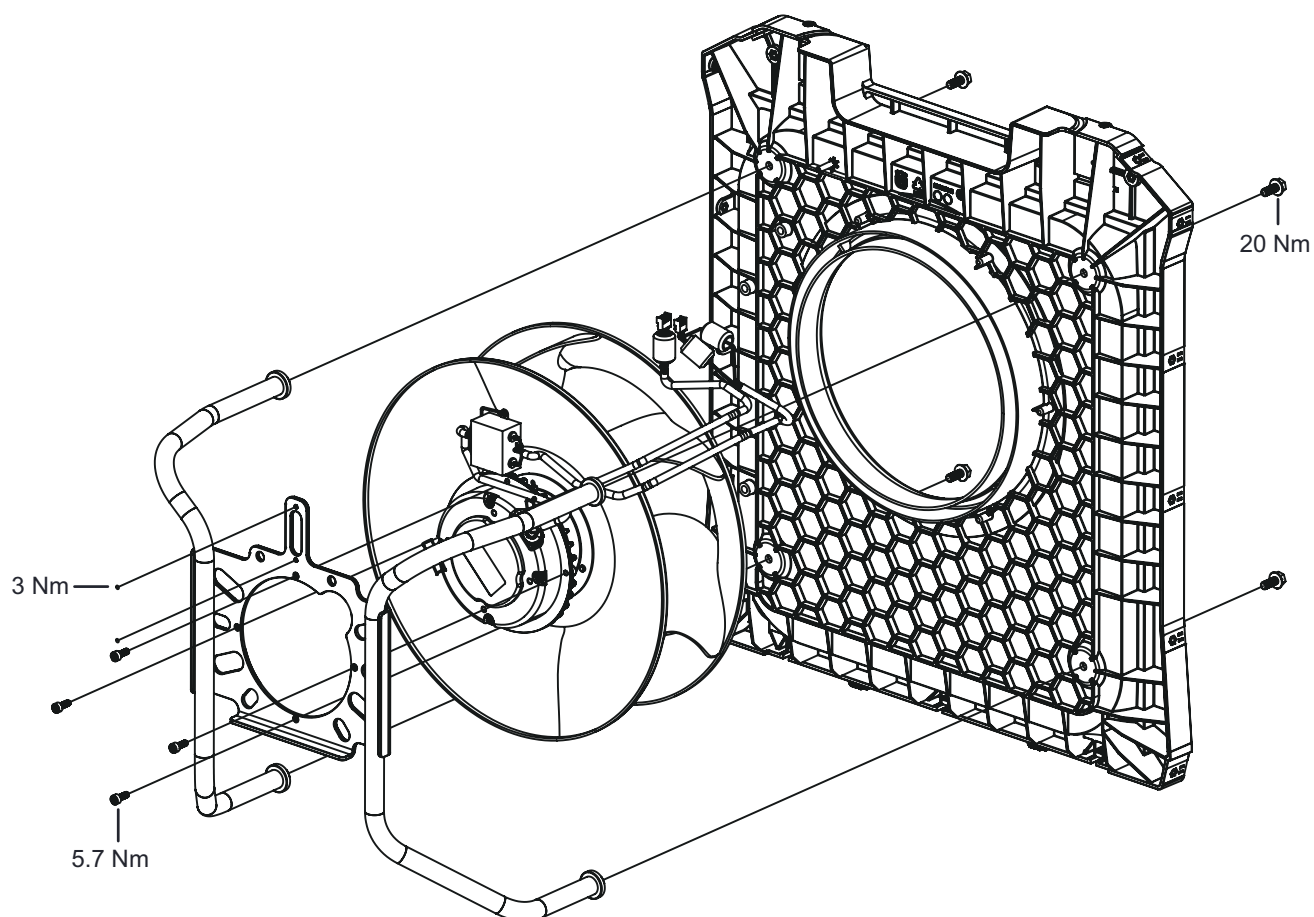


## 4.2 Fan and fan inlet plate (A 45)

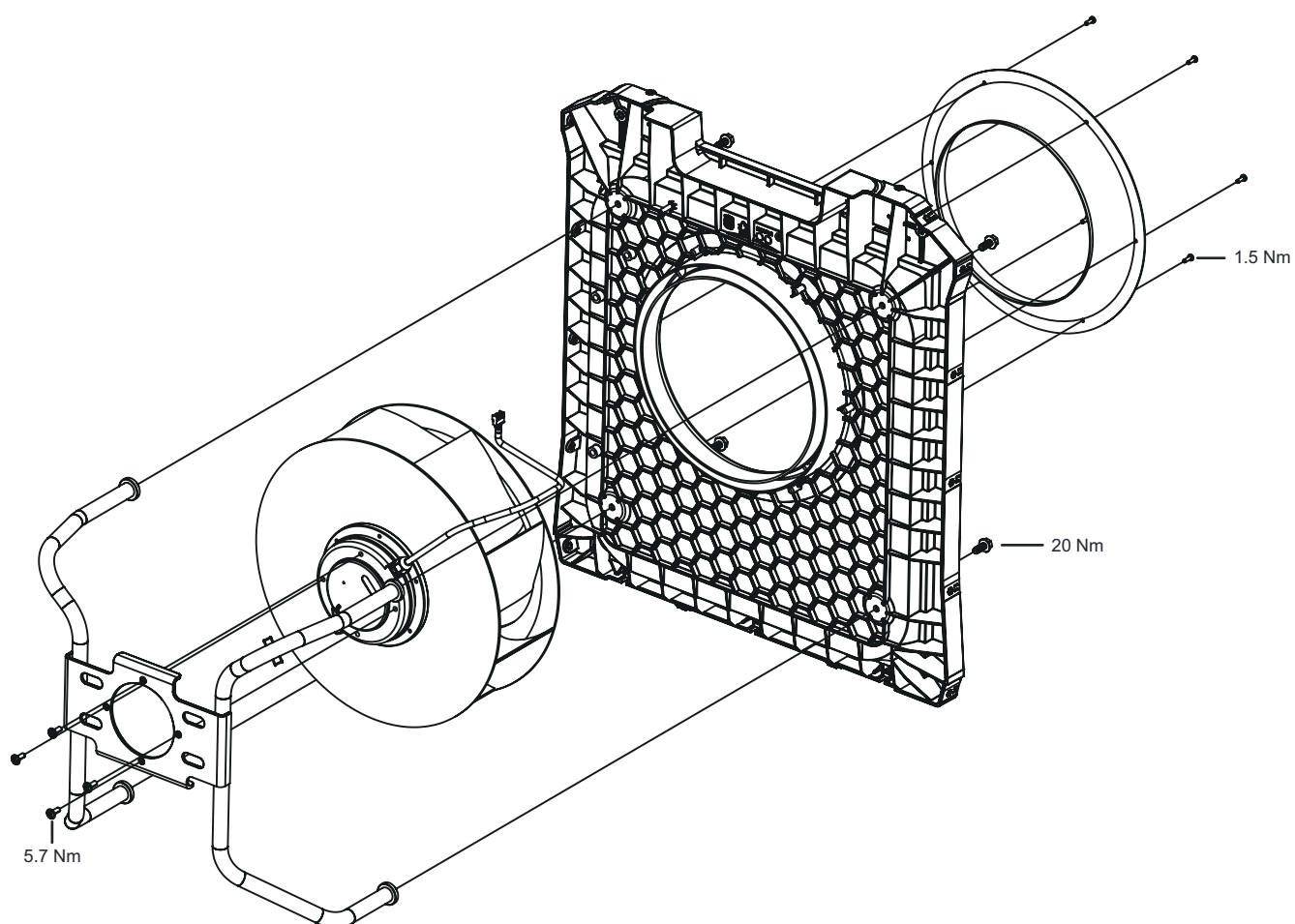


### 4.3 Fan and fan inlet plate (A 100)

#### EC FAN

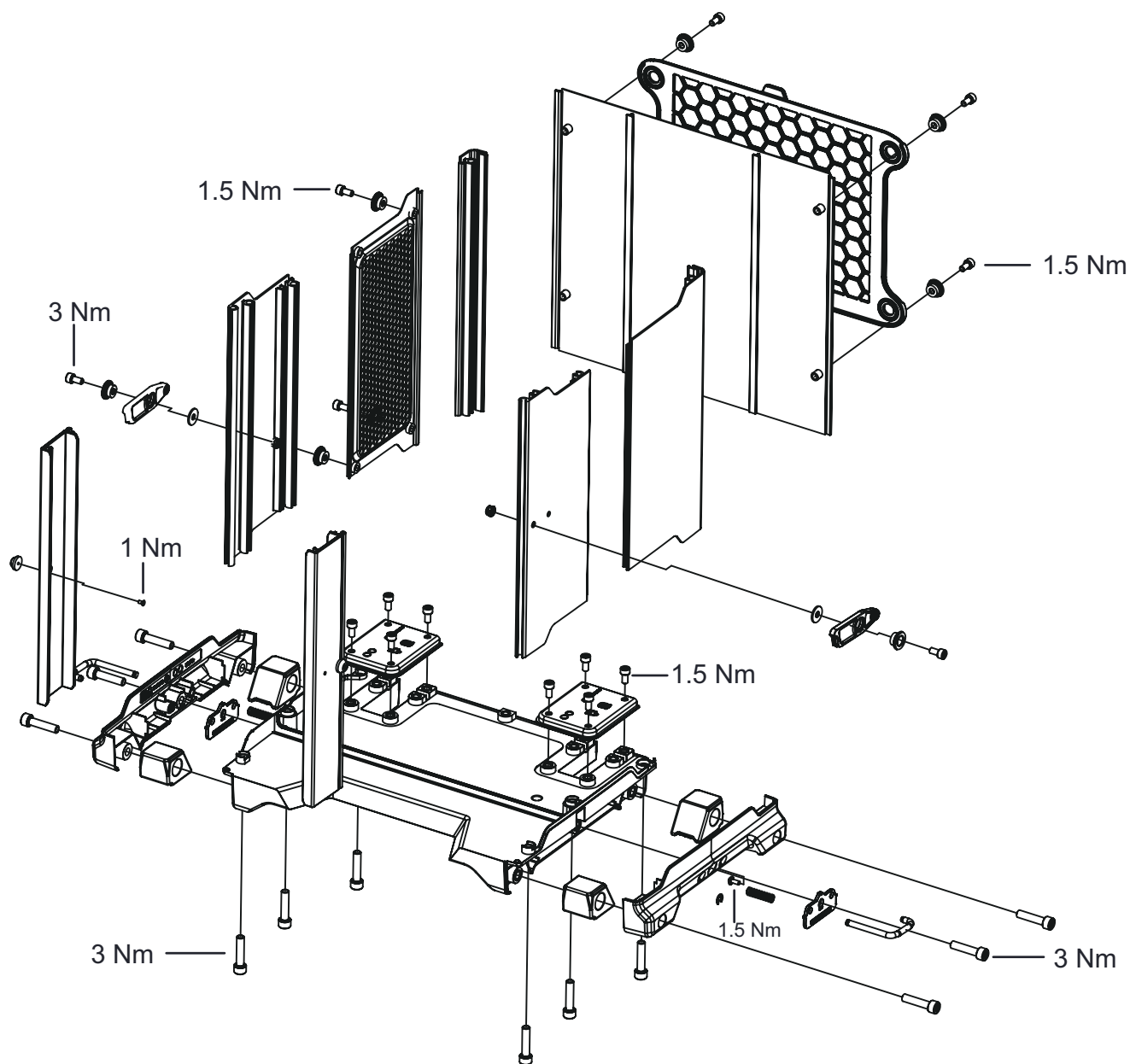


## AC FAN

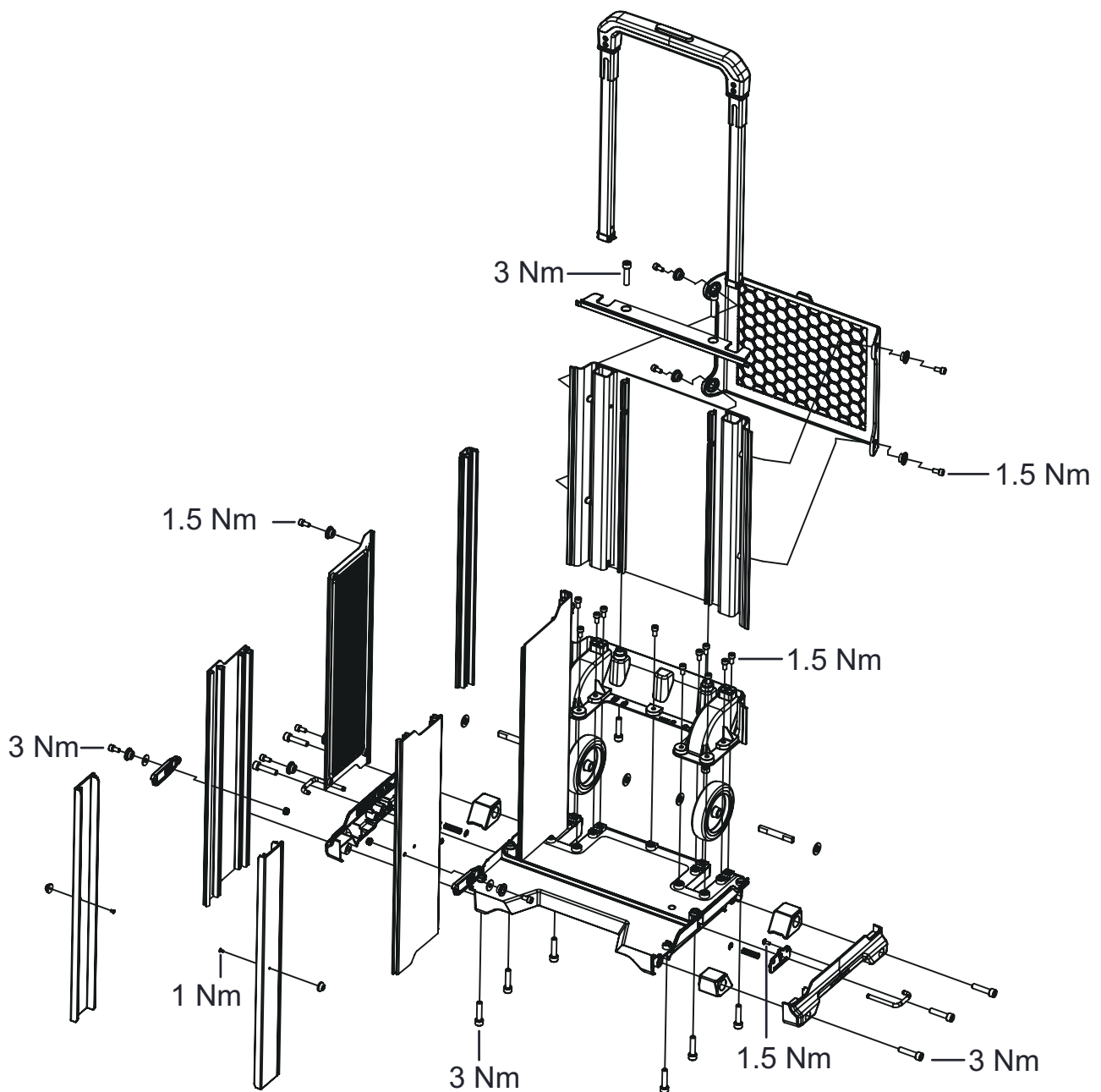




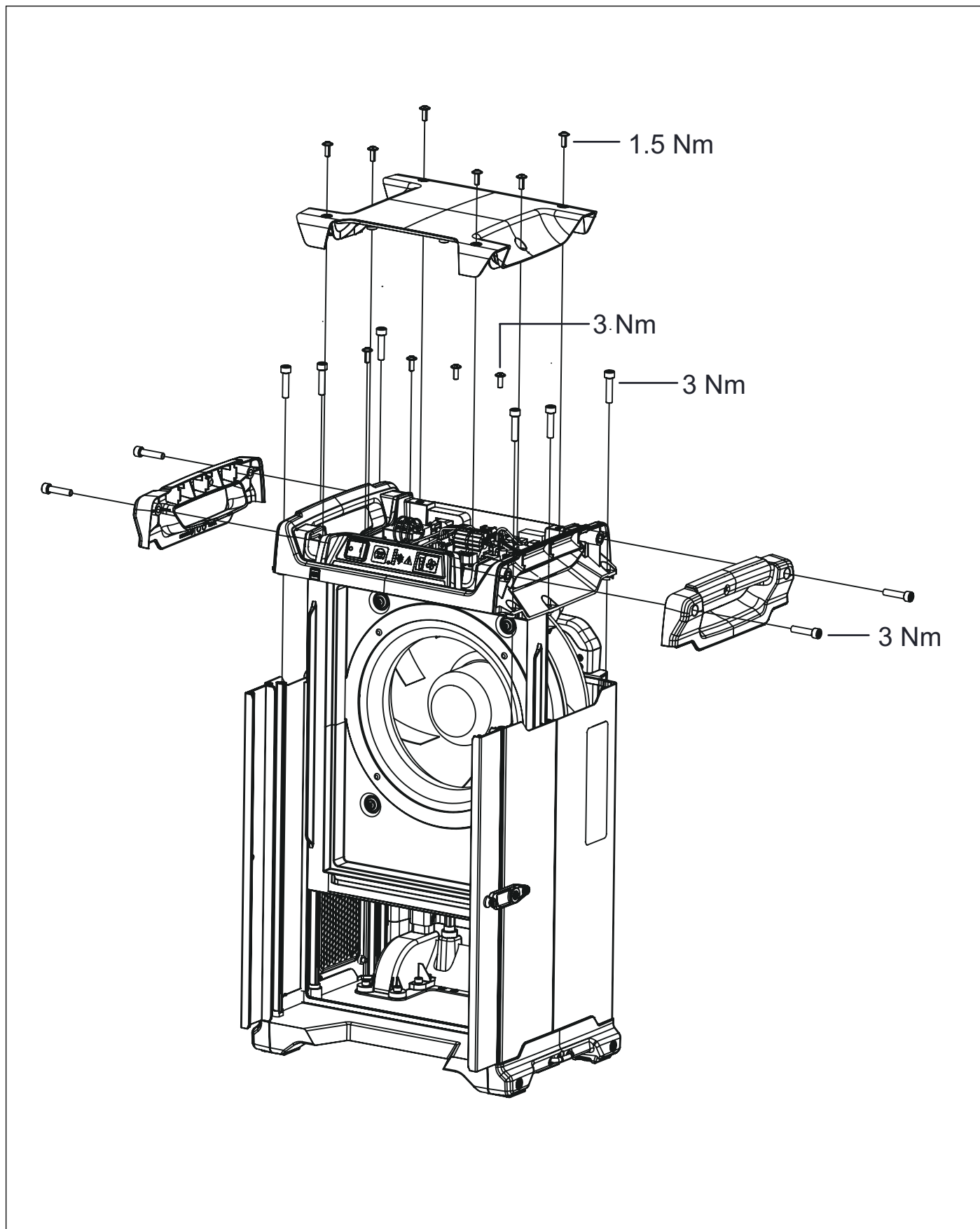
#### 4.4 Bottom cover (A 25)



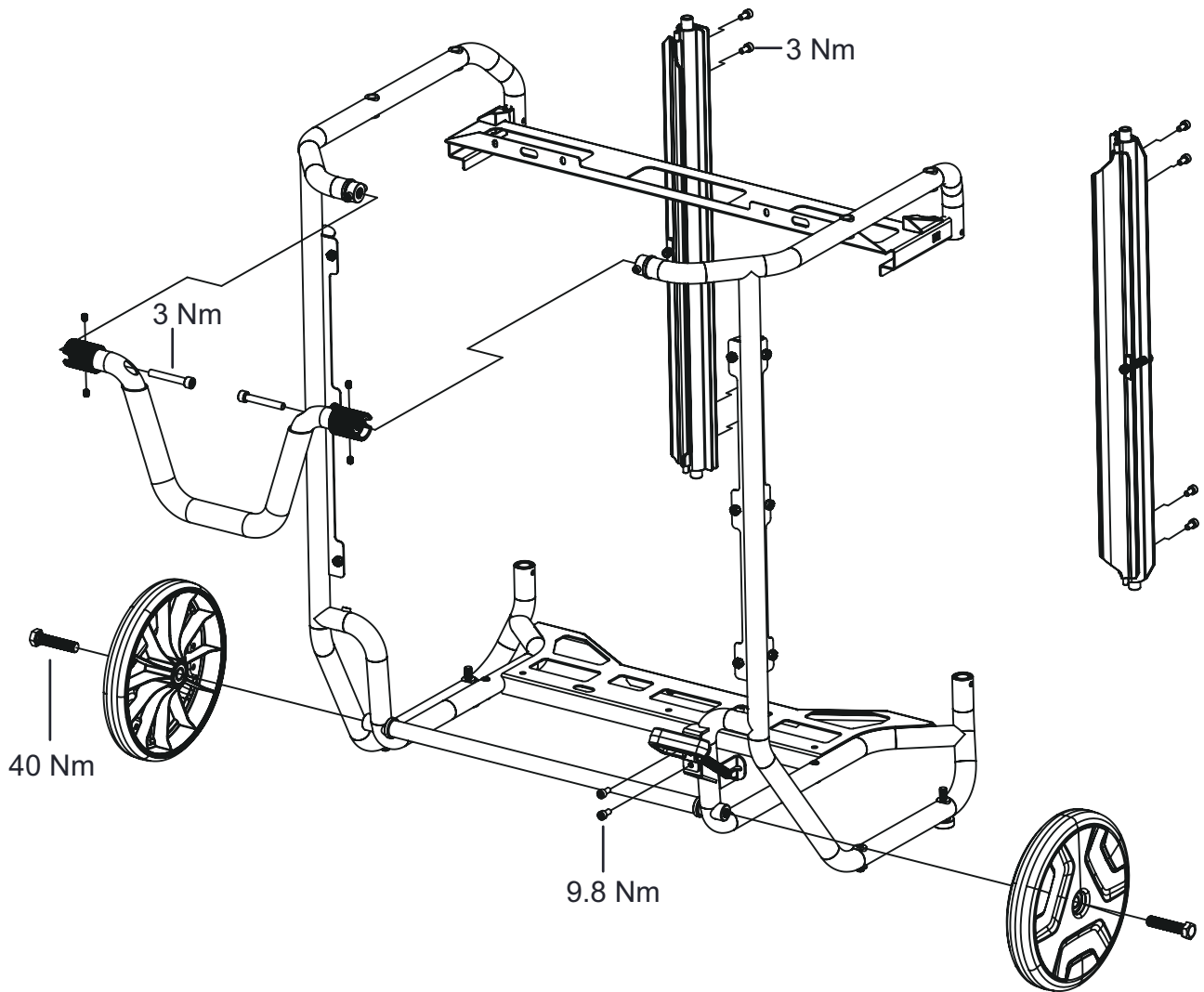
#### 4.5 Bottom cover (A 45)



## 4.6 Top cover (A25, A45)

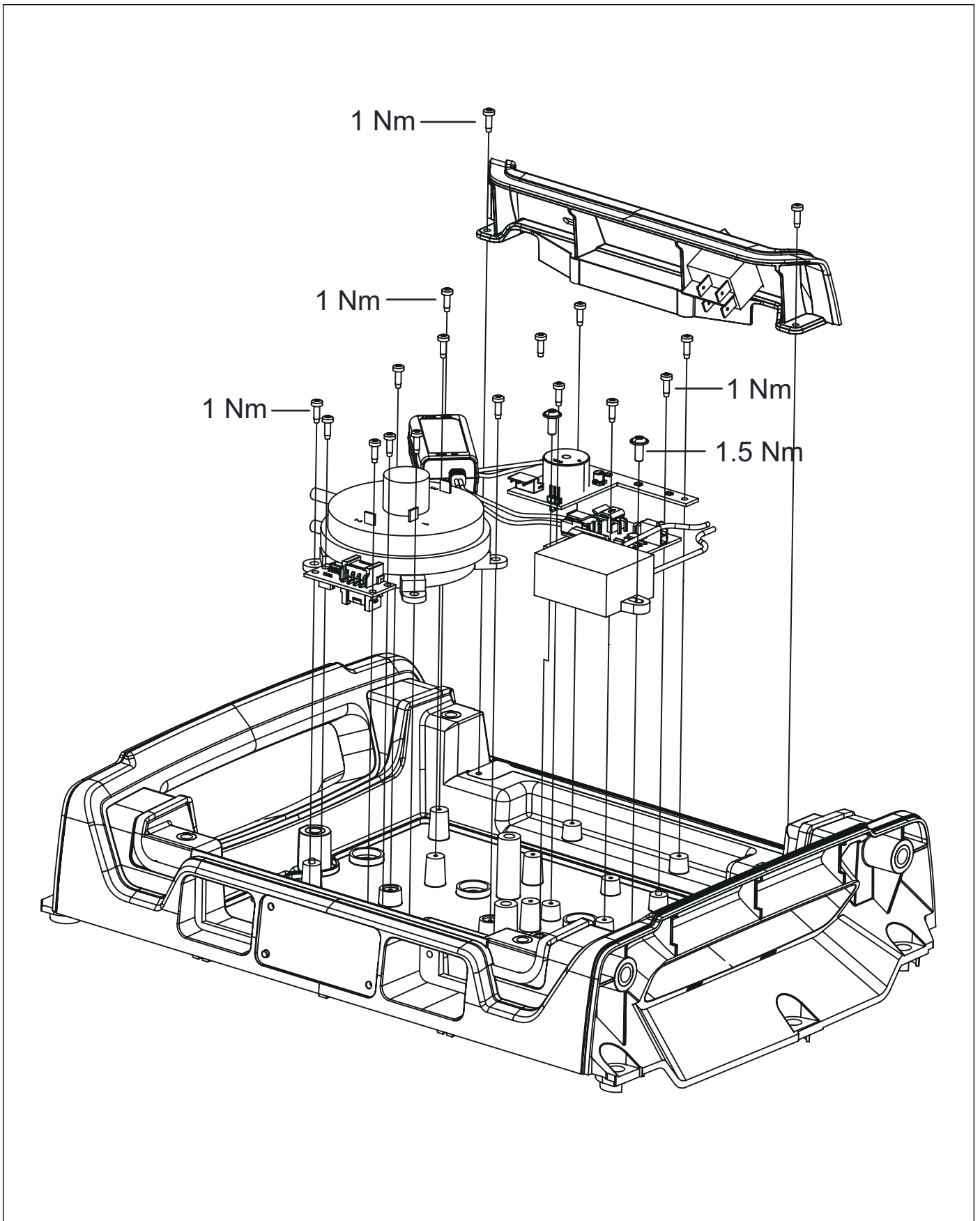


## 4.7 Frame and wheels (A 100)

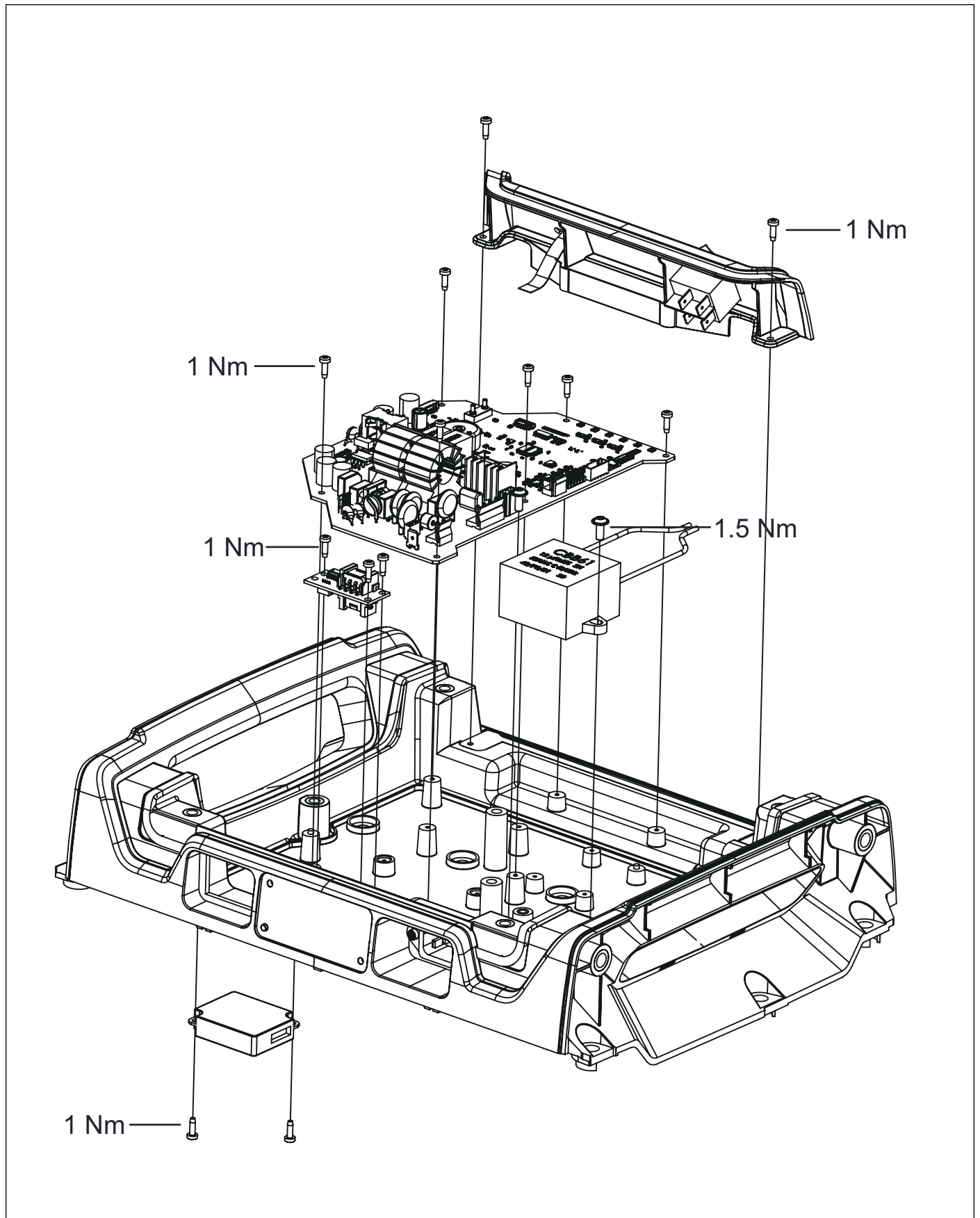


This exploded view diagram illustrates the assembly of a washing machine's exterior panels. The central component is the main body, featuring a circular door. To the left is the front panel with a mesh filter, and to the right is the top panel. Various screws and bolts are shown in their respective positions for assembly. Torque specifications are indicated for several fasteners: 2 Nm for most screws on the top panel, front panel, and side panels; 3 Nm for screws on the door frame; and 1.5 Nm for screws on the detergent dispenser assembly.

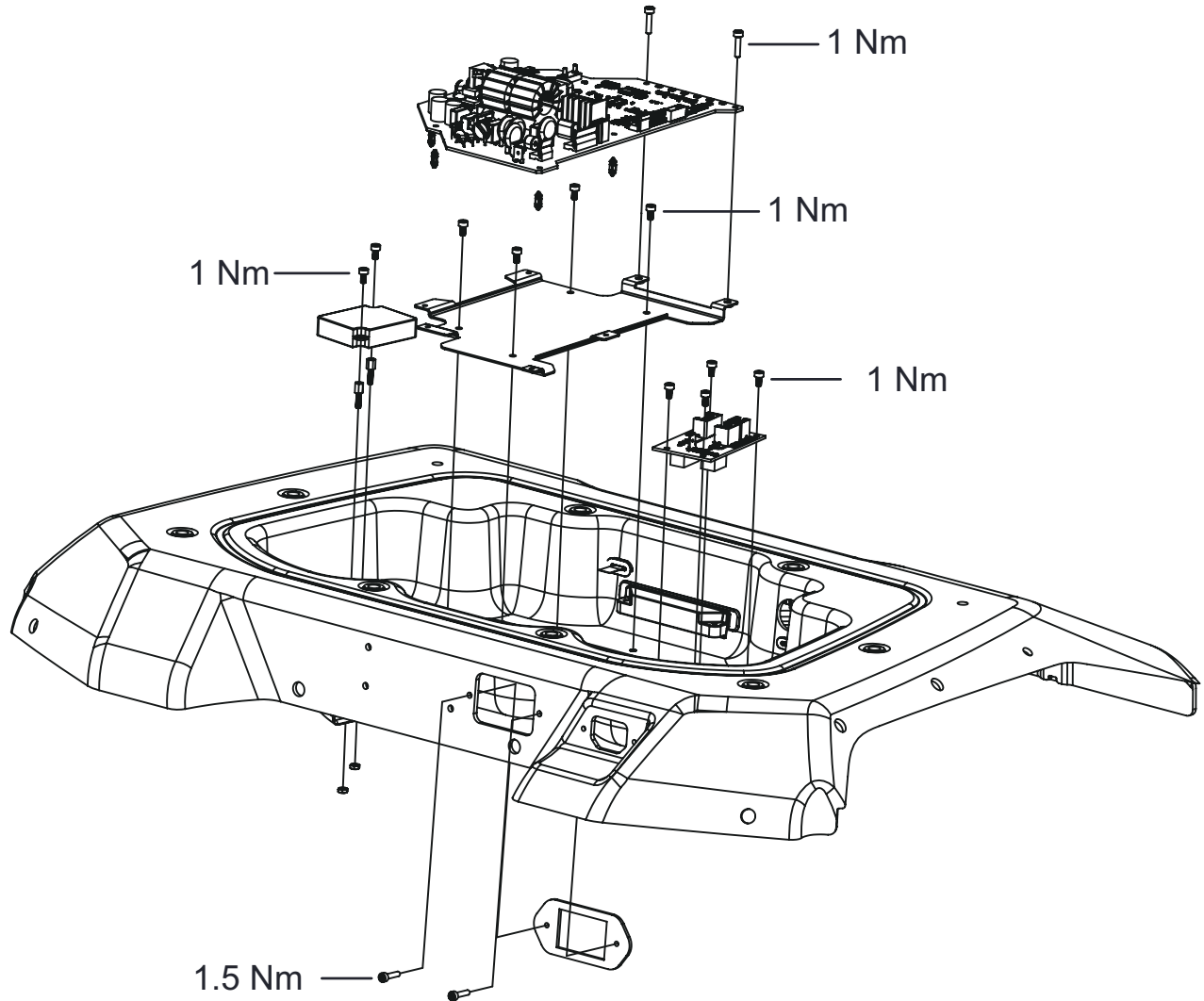
## 4.9 Electrical (A 25)



## 4.10 Electrical (A 45)



## 4.11 Electrical (A 100)





---

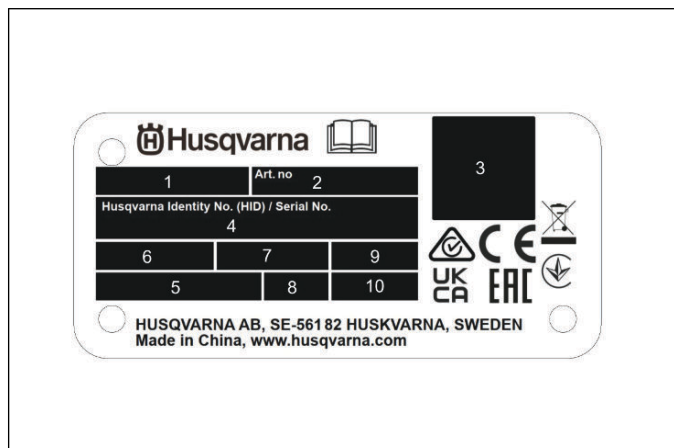
## 5 Function overview

---

### 5.1 Type plate/Product serial number

The product serial number is given on the type plate.  
Supply the model name and the article number when you send an order for spare parts.

### 5.2 Type plate



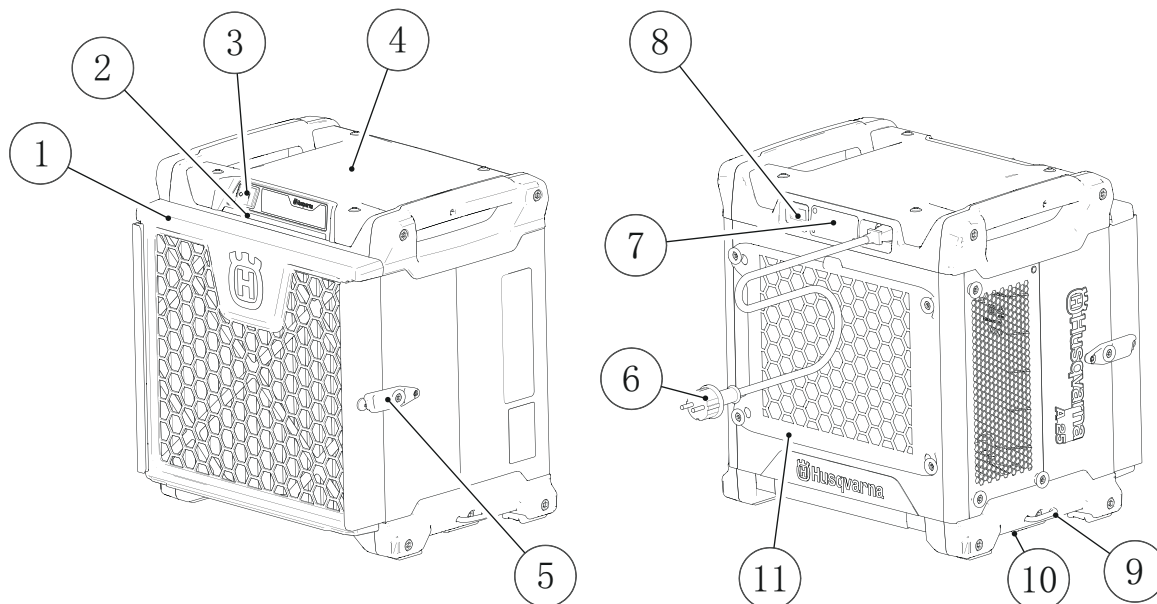
1. Model
2. Article number
3. Scannable code
4. Serial number
5. Rated power or current(A)
6. Rated voltage
7. Frequency
8. Weight
9. IP class
10. Production year

---

## 6 Product overview for repair and servicing

---

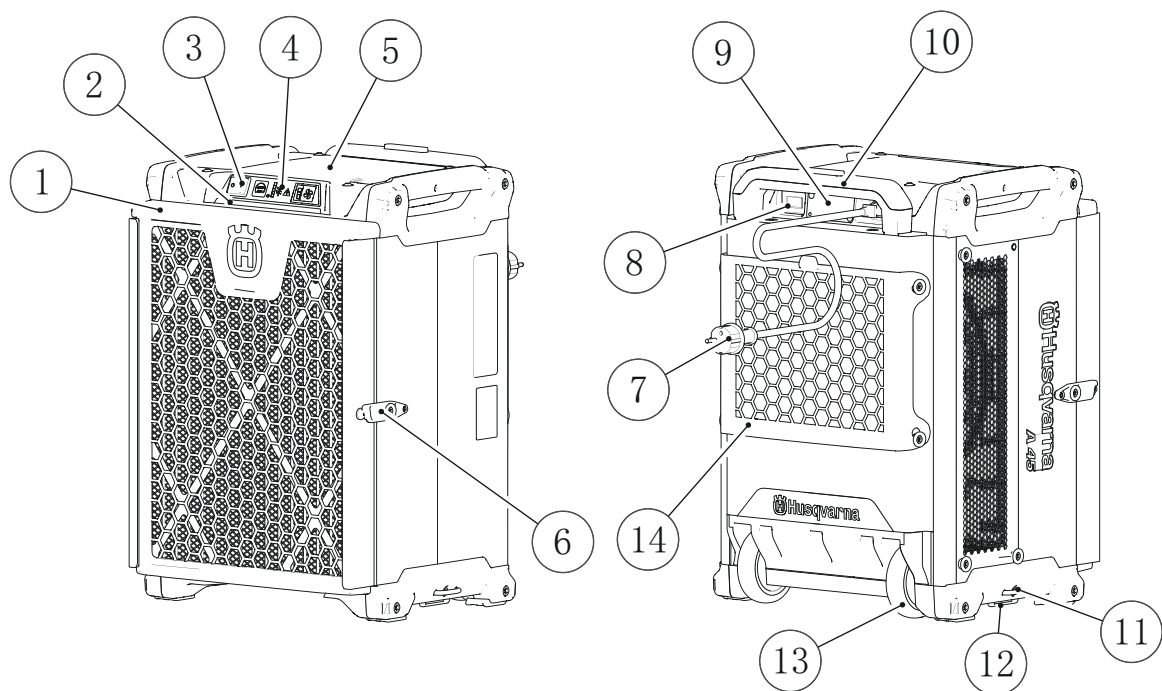
### 6.1 Product overview A 25



- 1. Prefilter cover
- 2. Status bar
- 3. On/Off switch
- 4. Top cover
- 5. Filter locking arm
- 6. Power cord

- 7. Type plate
- 8. Hour meter
- 9. Lock pin
- 10. Belt hook
- 11. Storage rubber pocket

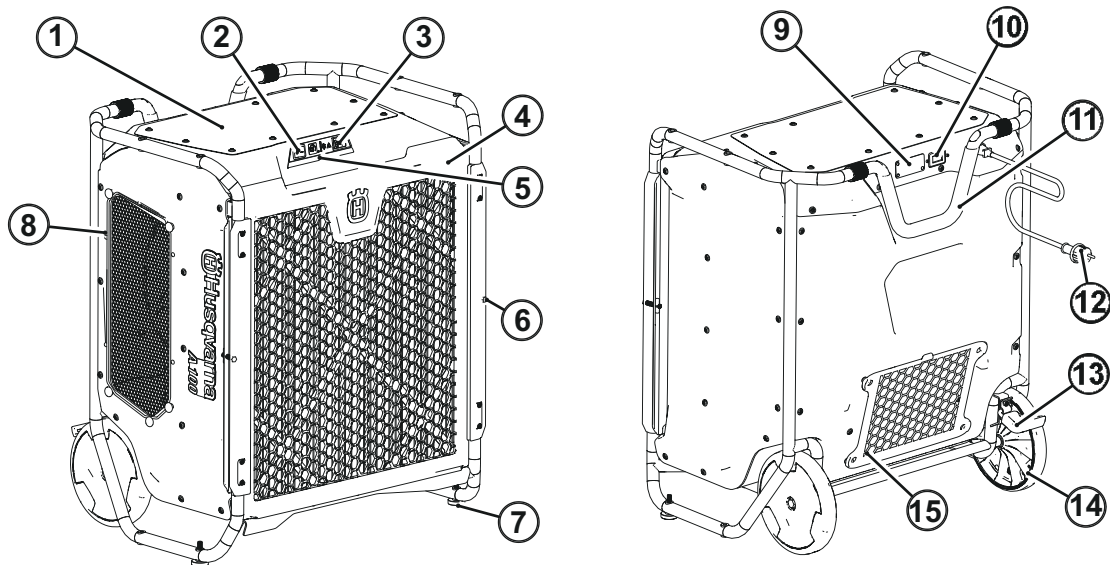
## 6.2 Product overview A 45



- 1. Prefilter cover
- 2. Status bar
- 3. On/Off switch
- 4. Control panel
- 5. Top cover
- 6. Filter locking arm
- 7. Power cord

- 8. Hour meter
- 9. Type plate
- 10. Handle bar
- 11. Lock pin
- 12. Belt hook
- 13. Wheel

## 6.3 Product overview A 100



1. Top cover
2. On/Off switch
3. Control panel
4. Prefilter cover
5. Status bar
6. Filter locking arm
7. Foot
8. Air outlet
9. Type plate
10. Hour meter
11. Handle bar
12. Power cord
13. Wheel brake
14. Wheel
15. Storage rubber pocket

## 7 Repair and servicing

### 7.1 To clean the product

- Clean the external surface with a moist cloth.
- Clean the product in an applicable location.
- Do not use water on electrical components.
- Do not clean the product with high pressure air or water.

### 7.2 To clean the washable prefilter

**Note:** Obey local regulations for disposal when you clean the prefilter.

1. Remove the washable prefilter. Refer to *To replace the prefilter (A 25, A 45, A 100)* on page 23.
2. To clean the washable prefilter, use running water on the inner side of the filter. Do not use high pressure water.
3. Make sure to dry the washable prefilter before you install it

### 7.3 Filter



**WARNING:** Dust can come out in the air during filter change. Use personal safety equipment.



**WARNING:** Stop the product and disconnect the power cord from the wall outlet.



**CAUTION:** Do not clean the essential filter or the prefilter.

**Note:** The only filter that can be cleaned is the washable prefilter. Refer to *To clean the washable prefilter* on page 23.

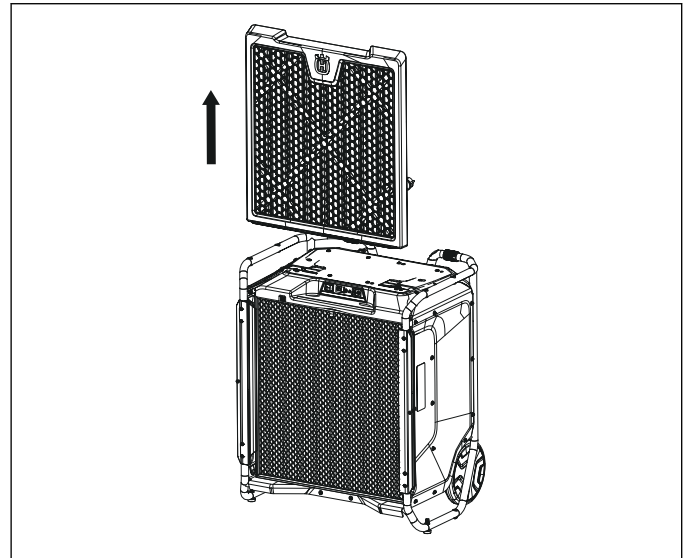
#### 7.3.1 To replace the prefilter (A 25, A 45, A 100)

The essential filter and the prefilter must be replaced when damaged or full.

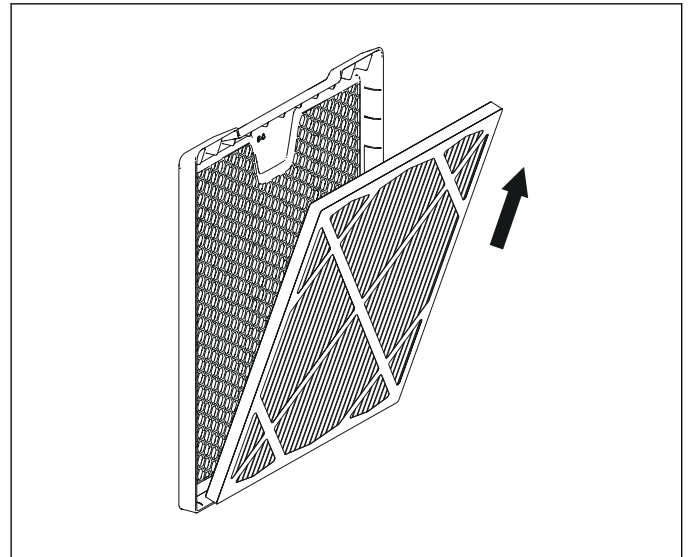
If the suction is not sufficient when the new prefilter is installed, it is necessary to replace the essential filter. Refer to *To replace the essential filter (A25, A45)* on

page 24 or *To replace the essential filter (A 100)* on page 24.

1. Remove the prefilter and the protection cover.



2. Remove the prefilter from the protection cover.



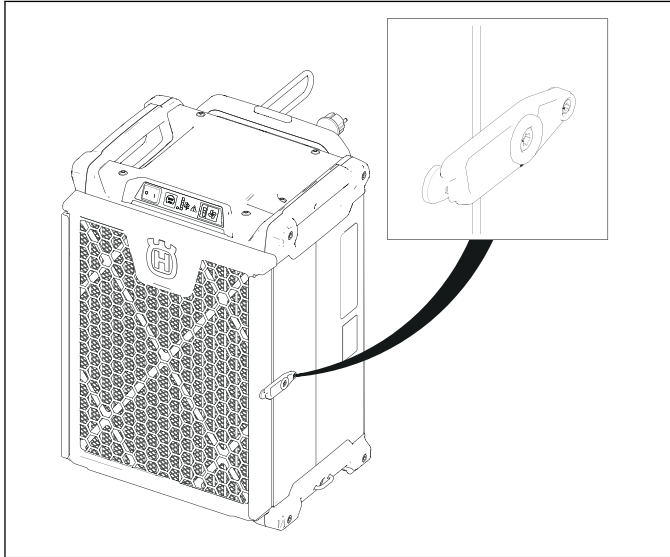
3. Install in the opposite sequence.

**Note:** Make sure to put the used prefilter in a plastic bag and discard it correctly. Refer to local regulations.

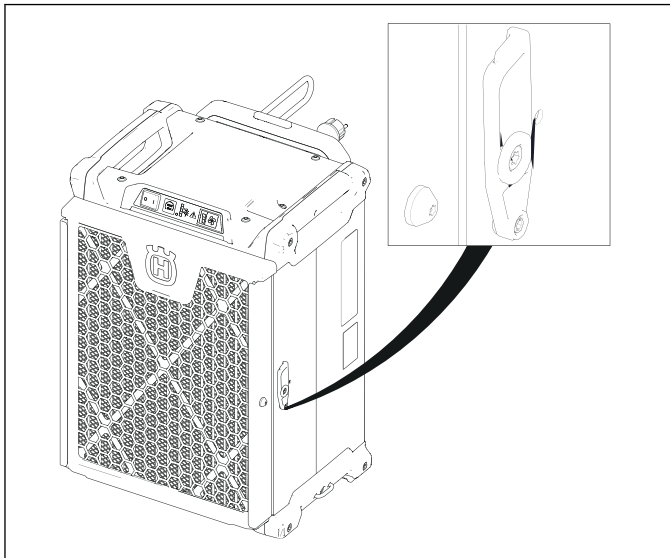
### 7.3.2 To replace the essential filter (A25, A45)

**Note:** The essential filter can not be cleaned. It is always necessary to replace it with a new essential filter. Only use Husqvarna original essential filters.

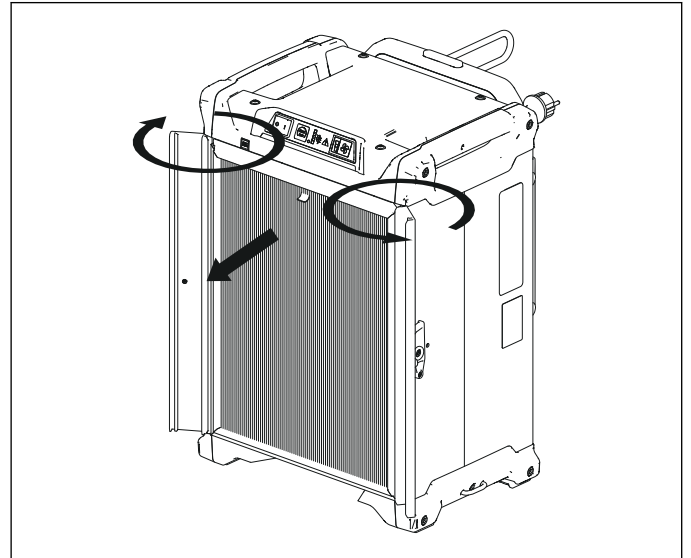
1. Remove the prefilter and the protection cover. Refer to *To replace the prefilter (A 25, A 45, A 100) on page 23*.
2. Loosen the screws on the 2 fasteners on each side.



3. Rotate the fasteners.



4. Open the filter holder and remove the essential filter.



5. Install a new essential filter in the opposite sequence.

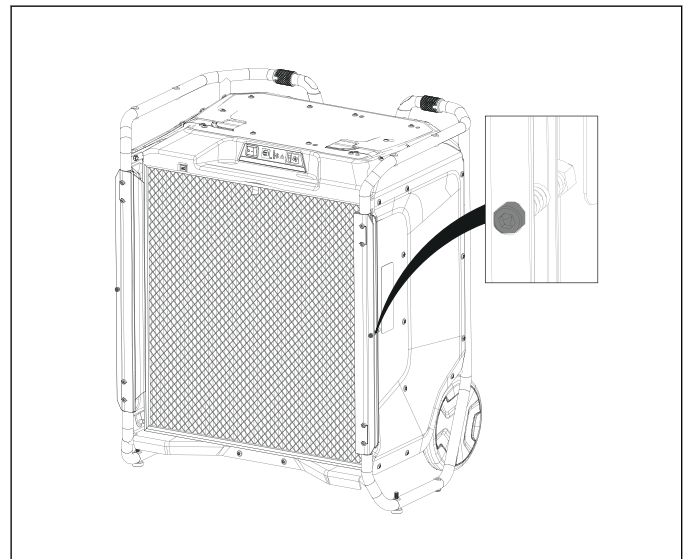
**Note:** Make sure to put the used essential filter in a plastic bag and discard it correctly. Refer to local regulations.

### 7.3.3 To replace the essential filter (A 100)

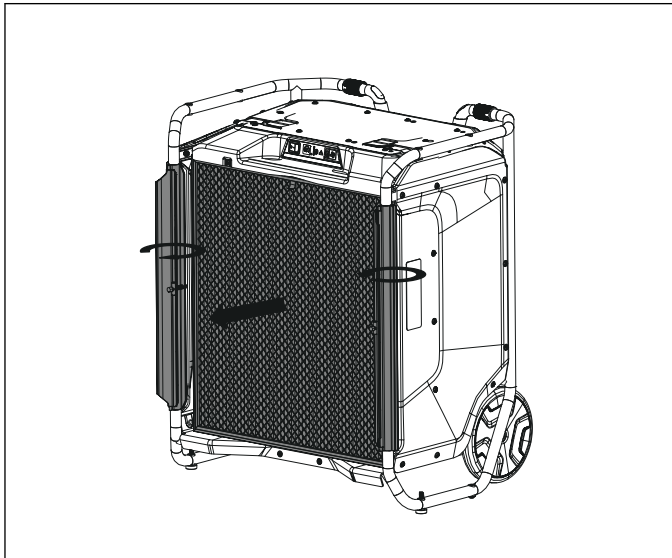
**Note:** The essential filter can not be cleaned. It is always necessary to replace it with a new essential filter. Only use Husqvarna original essential filters.

The essential filter and the prefilter must be replaced when damaged or full.

1. Remove the prefilter and the protection cover. Refer to *To replace the prefilter (A 25, A 45, A 100) on page 23*.
2. Loosen the screw on each side of the filter holders.



3. Open the filter holders and remove the essential filter.

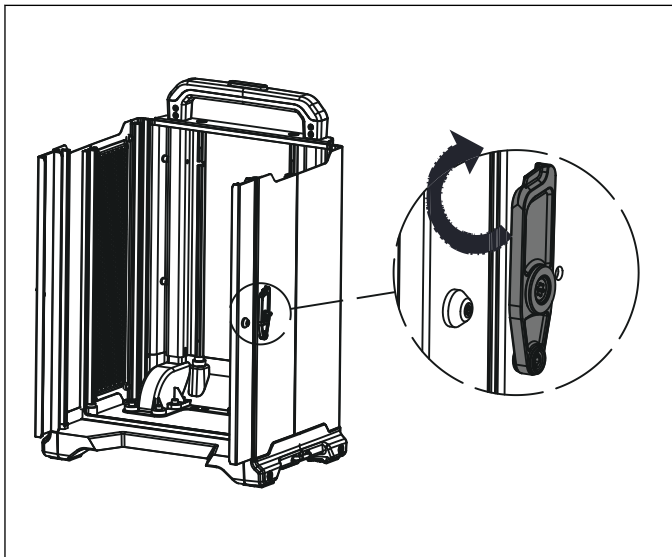


4. Install a new essential filter in the opposite sequence.

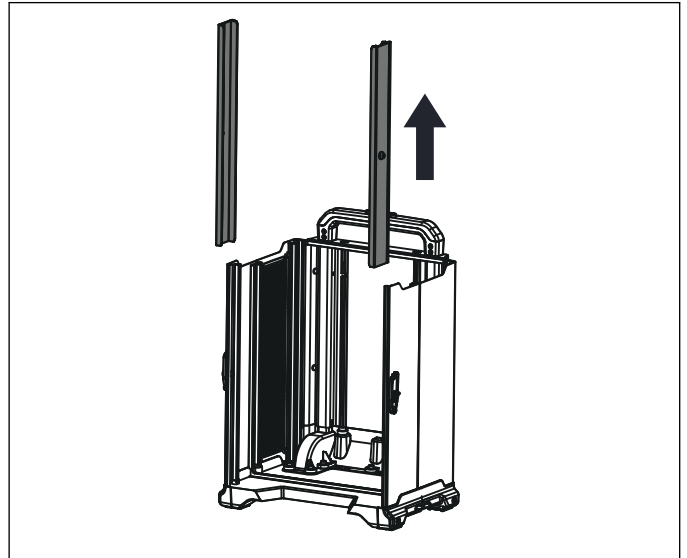
**Note:** Make sure to put the used essential filter in a plastic bag and discard it correctly. Refer to local regulations.

#### 7.3.4 To replace the filter holders (A25, A45)

1. Remove the prefilter. Refer to *To replace the prefilter (A 25, A 45, A 100) on page 23.*
2. Remove the essential filter. Refer to *To replace the essential filter (A25, A45) on page 24.*
3. Remove the fan kit. Refer to *To remove and install the fan kit (A25, A45) on page 26.*
4. Remove the screws for the fasteners on each side.



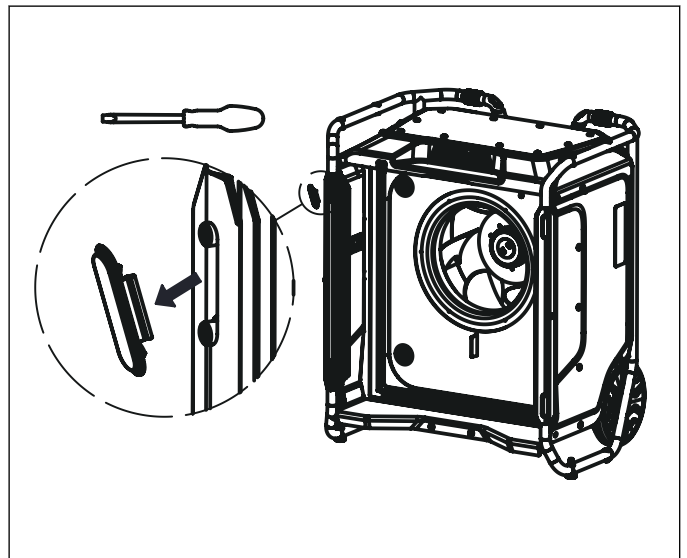
5. Slide the 2 filter holders up.



6. Install the new filter holders in the opposite sequence.

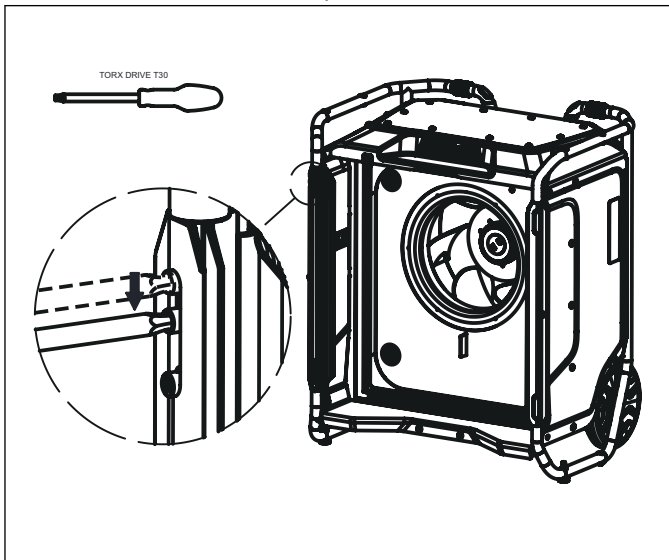
#### 7.3.5 To replace the filter holders (A 100)

1. Remove the prefilter. Refer to *To replace the prefilter (A 25, A 45, A 100) on page 23.*
2. Remove the essential filter. Refer to *To replace the essential filter (A 100) on page 24.*
3. Use a screwdriver to remove the 4 profile rubber covers.

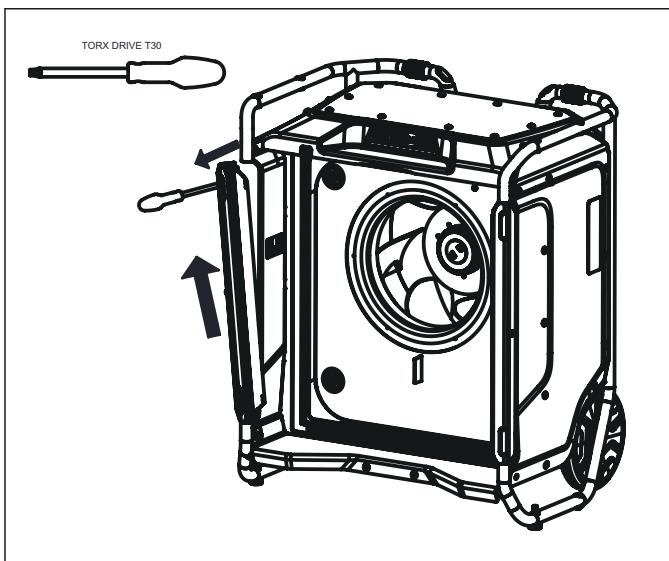




4. Use a Torx T30 screwdriver to press in the lock pin for the filter holder and push it down.



5. Pull out the filter holder.



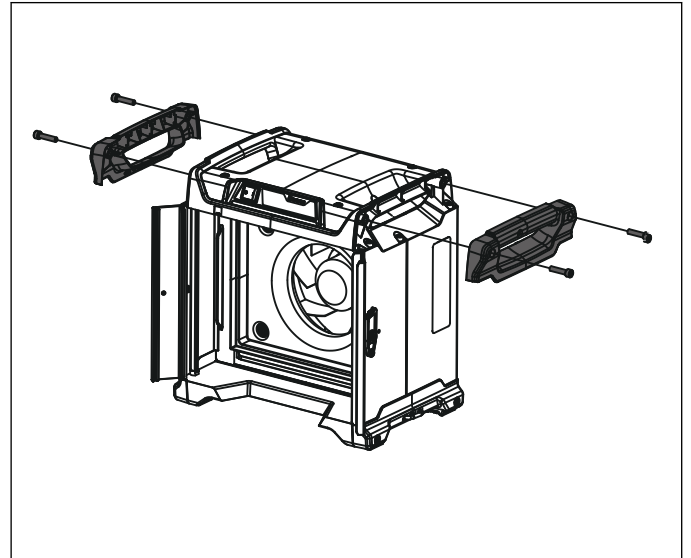
6. Do the same procedure on the opposite side.
7. Install the new filter holders in the opposite sequence.

## 7.4 Fan

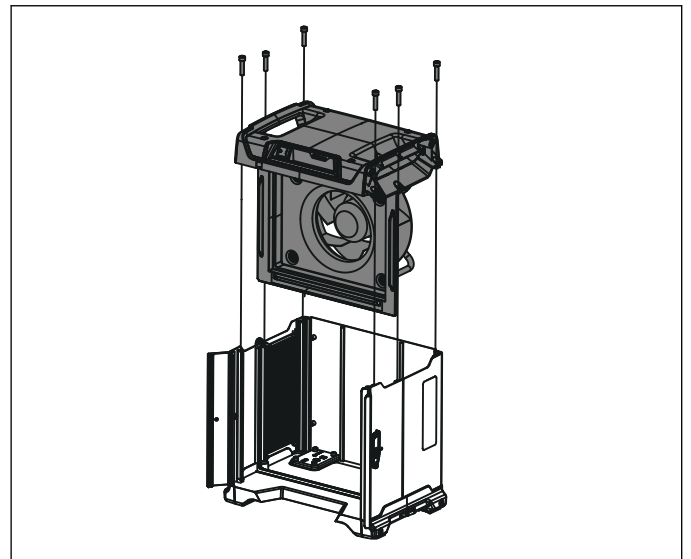
### 7.4.1 To remove and install the fan kit (A25, A45)

1. Remove the prefilter. Refer to *To replace the prefilter (A 25, A 45, A 100)* on page 23.
2. Remove the essential filter. Refer to *To replace the essential filter (A25, A45)* on page 24.

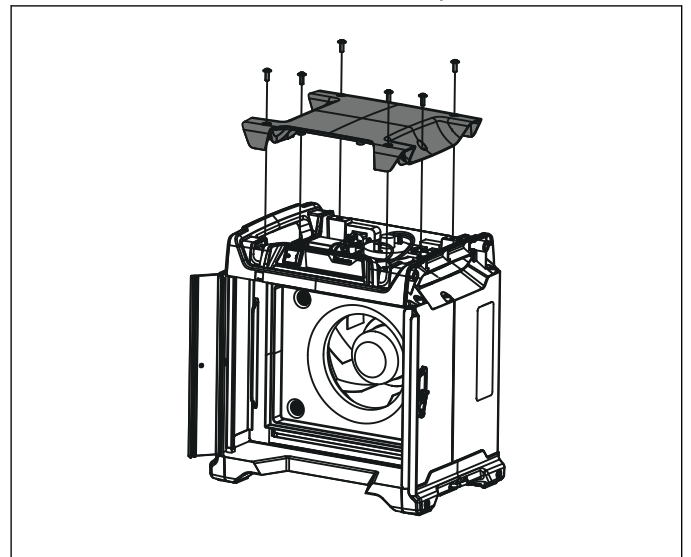
3. Remove the 4 screws and the 2 side handles.



4. Remove the 6 screws and the fan kit.

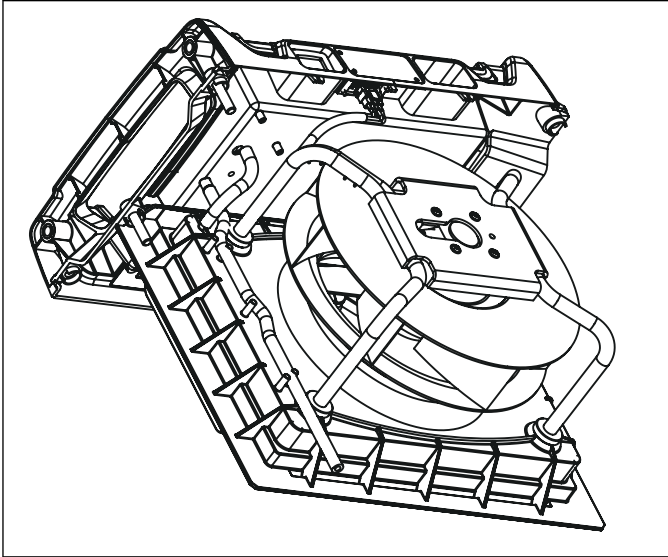


5. Remove the 6 screws and the top lid from the fan kit.

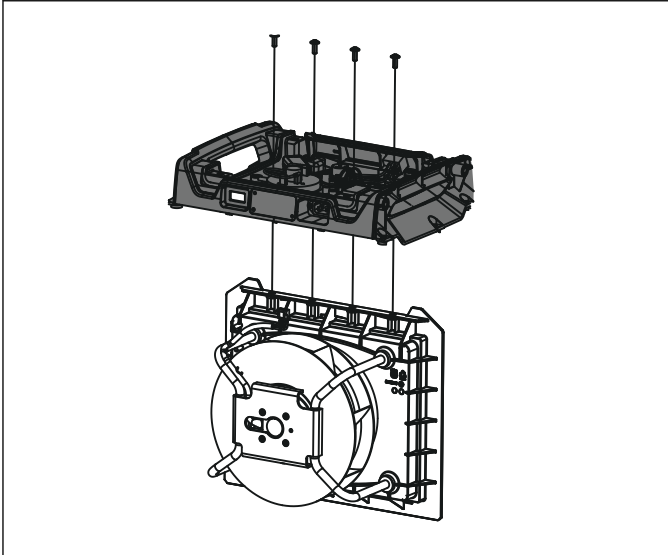




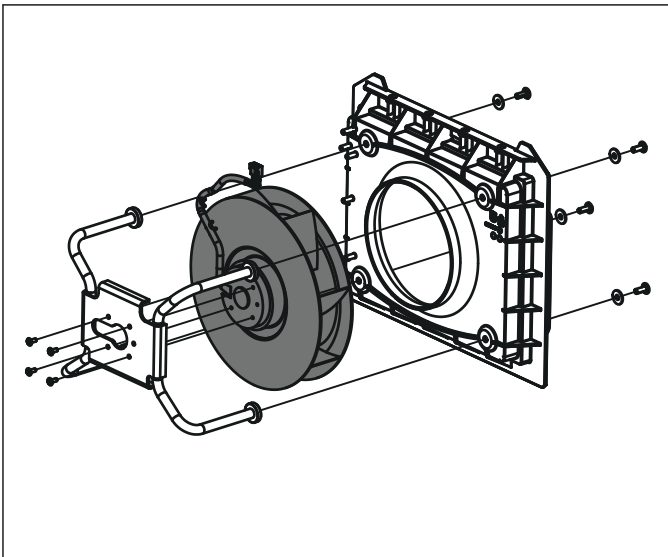
6. Disconnect the plug from the fan and the pipe for the pressure gauge.



7. Remove the 4 screws and the top cover for the fan.



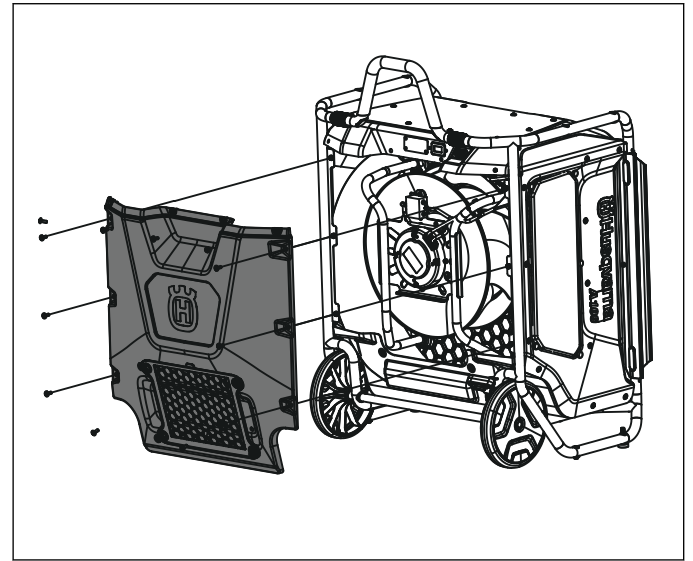
8. Remove the 8 screws, the for 4 washers and the fan bracket from the fan.



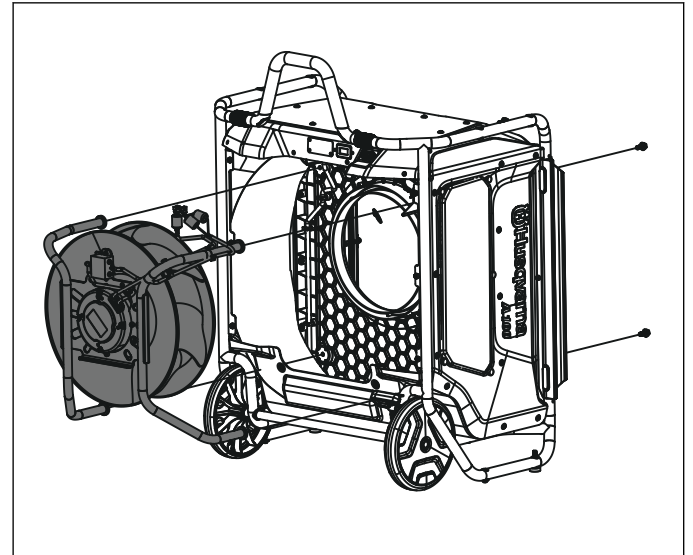
9. Install the new fan in the opposite sequence.

#### 7.4.2 To remove and install the fan kit (A 100)

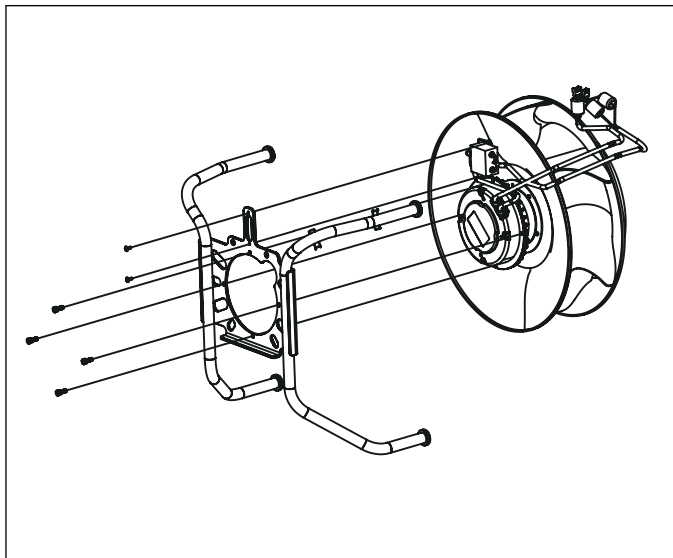
1. Remove the prefilter. Refer to *To replace the prefilter (A 25, A 45, A 100)* on page 23.
2. Remove the essential filter. Refer to *To replace the essential filter (A 100)* on page 24.
3. Remove the 12 screws and the back cover.



4. Remove the 4 screws and the fan bracket kit.



5. Remove the 6 screws and the fan bracket from the fan.

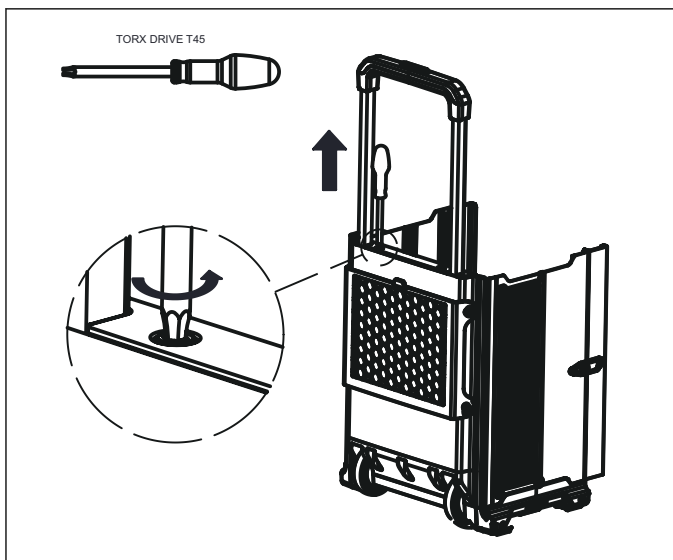


6. Install the new fan in the opposite sequence.

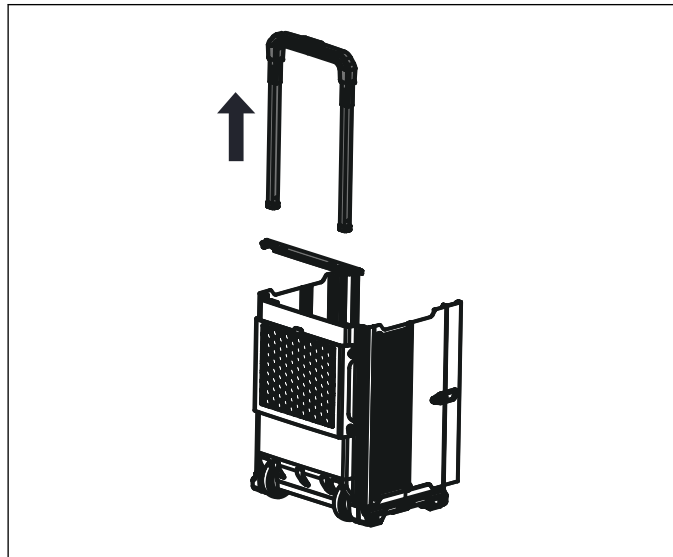
## 7.5 Handle

### 7.5.1 To remove and install the handlebar (A 45)

1. Remove the prefilter. Refer to *To replace the prefilter (A 25, A 45, A 100)* on page 23.
2. Remove the essential filter. Refer to *To replace the essential filter (A25, A45)* on page 24.
3. Remove the fan kit. Refer to *To remove and install the fan kit (A25, A45)* on page 26.
4. Pull out the handlebar and remove the 2 screw for the handlebar cover.



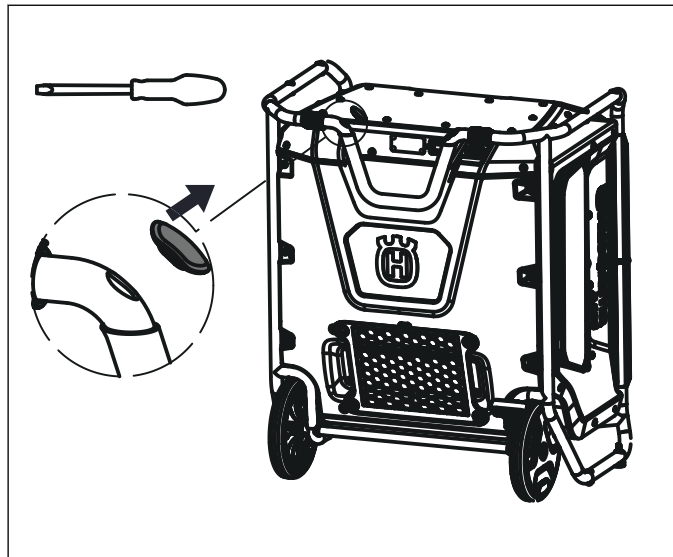
5. Remove the handlebar and the handlebar cover.



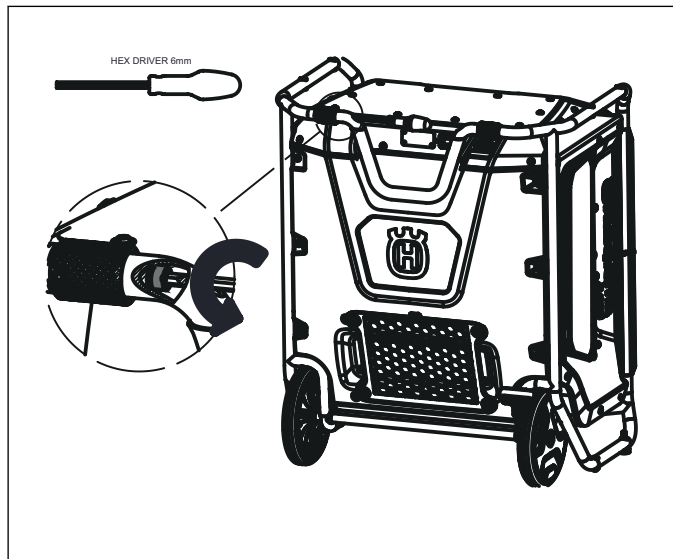
6. Install the handlebar in the opposite sequence.

### 7.5.2 To remove and install the handlebar (A 100)

1. Use a screwdriver to carefully remove the 2 rubber covers on the handlebar.



2. Remove the 2 screws for the handlebar.



3. Push in the 2 lock rings for the handlebar.



4. Remove the handlebar from the product.



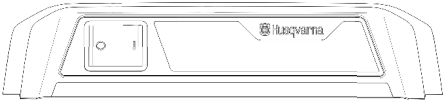
5. Install the handlebar in the opposite sequence.

## 8 Troubleshooting

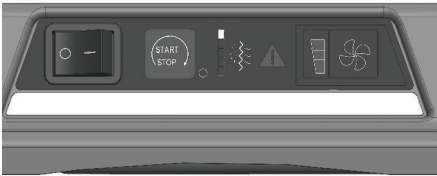
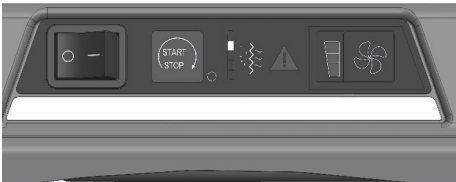
### 8.1 Troubleshooting schedule

| Problem                                                                                | Cause                                                                    | Solution                                  |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------|
| The fan does not start.                                                                | The product has no power.                                                | Connect the product to a wall outlet.     |
|                                                                                        | The cable is damaged.                                                    | Replace the cable.                        |
|                                                                                        | The ON/OFF switch is damaged.                                            | Replace the ON/OFF switch.                |
| The fan stops immediately after start of the product.                                  | The product is connected to the incorrect fuse.                          | Connect the product to the correct fuse.  |
| The fan is on but the suction is low.                                                  | The prefilter is blocked.                                                | Replace the prefilter.                    |
|                                                                                        | The essential filter is blocked.                                         | Replace the essential filter.             |
|                                                                                        | The transportation cover is still on the product.                        | Remove the transportation cover.          |
|                                                                                        | The fan is loose.                                                        | Make sure the fan is in correct position. |
| Dust blows from the product.                                                           | The prefilter is damaged or not assembled correct.                       | Adjust or replace the prefilter.          |
|                                                                                        | The essential filter is damaged or not assembled correct.                | Adjust or replace the essential filter.   |
| Unusual noise comes from the product.                                                  |                                                                          | Speak to Husqvarna service agent.         |
| The indicator for damaged or incorrectly installed filter system lights up.            | The essential filter is not installed, incorrectly installed or damaged. | Install or replace the essential filter.  |
| The indicator for almost full filter system lights up.                                 | The prefilter is full.                                                   | Replace the prefilter.                    |
| The indicator for almost full filter system lights up after the prefilter is replaced. | The essential filter is full.                                            | Replace the essential filter.             |

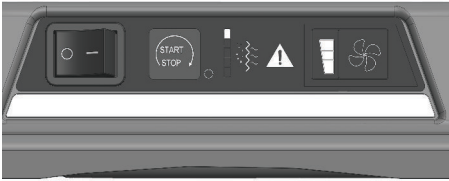
## 8.2 LED indicators on the control panel (A 25)

| Symbols                                                                           | LED indicator                                                                                                   | Cause                                   | Action                                                                                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>Status bar LED lights up in white.</li> </ul>                            | Filter capacity is high without errors. | No procedure is necessary.                                                                      |
|  | <ul style="list-style-type: none"> <li>Status bar LED flashes in red in.</li> <li>The buzzer starts.</li> </ul> | Maximum filter capacity is reached.     | Replace the prefilter. Refer to <i>To replace the prefilter (A 25, A 45, A 100) on page 23.</i> |

### 8.3 LED indicators on the control panel (A 45, A 100)

| Symbols                                                                             | LED indicator                                                                                                                                            | Cause                                              | Action                                                                                                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|    | <ul style="list-style-type: none"> <li>LED 1 lights up in green.</li> <li>Status bar LED lights up in white.</li> </ul>                                  | Filter capacity is high without errors.            | No procedure is necessary.                                                                                                      |
|    | <ul style="list-style-type: none"> <li>LED 2 lights up in green.</li> <li>Status bar LED lights up in white.</li> </ul>                                  | Filter capacity is medium without errors.          | No procedure is necessary.                                                                                                      |
|  | <ul style="list-style-type: none"> <li>LED 3 lights up in yellow.</li> <li>Status bar LED lights up in white.</li> </ul>                                 | Filter starts to get clogged without errors.       | Examine the prefilter. If it is necessary, replace it. Refer to <i>To replace the prefilter (A 25, A 45, A 100)</i> on page 23. |
|  | <ul style="list-style-type: none"> <li>LED 4 and LED 5 lights up in red.</li> <li>Status bar LED lights up in red.</li> </ul>                            | Filter capacity is very low without errors.        | Replace the prefilter. Refer to <i>To replace the prefilter (A 25, A 45, A 100)</i> on page 23.                                 |
|  | <ul style="list-style-type: none"> <li>LED 5 flashes in red in 1Hz</li> <li>Status bar LED flashes in red in 1Hz.</li> <li>The buzzer starts.</li> </ul> | Maximum filter capacity is reached without errors. | Replace the prefilter. Refer to <i>To replace the prefilter (A 25, A 45, A 100)</i> on page 23.                                 |

## 8.4 Warning symbols on the control panel (A 45, A 100)

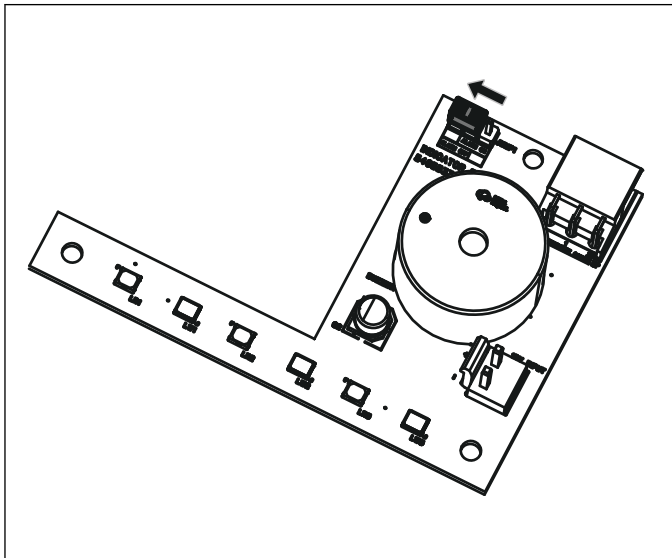
| Warning symbols                                                                     | LED indicator                                                                                                                                                                                                                                                         | Cause                                  | Action                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <ul style="list-style-type: none"> <li>LED 2 flashes in red in 2Hz.</li> <li>Status bar LED flashes in red in 2Hz.</li> <li>Fan speed LED flashes in 2Hz.</li> <li>Warning triangle symbol flashes in 2Hz.</li> <li>The buzzer starts.</li> <li>Fan stops.</li> </ul> | The fan is overheated.                 | Send the product to a service center                                                                                                                                                               |
|                                                                                     |                                                                                                                                                                                                                                                                       | PCBA/Electrical component error.       | Send the product to a service center                                                                                                                                                               |
|    | <ul style="list-style-type: none"> <li>LED 1 flashes in red in 1Hz.</li> <li>Status bar LED flashes in red in 1Hz.</li> <li>Fan speed LED flashes in 2Hz.</li> <li>Warning triangle symbol flashes in 1Hz.</li> </ul>                                                 | Filter is missing or severely damaged. | Examine the essential filter. If it is necessary, replace it. Refer to <i>To replace the essential filter (A25, A45) on page 24</i> or <i>To replace the essential filter (A 100) on page 24</i> . |
|  | <ul style="list-style-type: none"> <li>LED 4 flashes in red in 2Hz.</li> <li>Status bar LED flashes in red in 2Hz.</li> <li>Fan speed LED flashes in 2Hz.</li> <li>Warning triangle symbol flashes in 2Hz.</li> <li>The buzzer starts.</li> <li>Fan stops.</li> </ul> | Too low voltage in power supply.       | Make sure correct power supply is used.                                                                                                                                                            |

| Warning symbols                                                                    | LED indicator                                                                                                                                                                                                                                                                     | Cause                                                                 | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <ul style="list-style-type: none"> <li>• LED 3 flashes in red in 2Hz.</li> <li>• Status bar LED flashes in red in 2Hz.</li> <li>• Fan speed LED flashes in 2Hz.</li> <li>• Warning triangle symbol flashes in 2Hz.</li> <li>• The buzzer starts.</li> <li>• Fan stops.</li> </ul> | <p>Too high voltage in power supply.</p>                              | <p>Make sure correct power supply is used.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | <ul style="list-style-type: none"> <li>• Status bar LED flashes in red in 1Hz.</li> <li>• Warning triangle symbol flashes in 1Hz.</li> </ul>                                                                                                                                      | <p>Possible leak in the filter system or a internal sensor error.</p> | <p>Follow the steps:</p> <ol style="list-style-type: none"> <li>1. Remove the essential filter and do a check for damage. If it is necessary, replace it. Refer to <i>To replace the essential filter (A25, A45) on page 24</i> or <i>To replace the essential filter (A 100) on page 24</i>. If the LEDs continue to flash, move on to step 2.</li> <li>2. Put the essential filter back and run the product for 20 minutes. If the LEDs continue to flash, let an approved service agent repair the product.</li> </ol> |



### 8.5 To stop the warning alarm (A 25)

- Put the jumper cap on the circuit board to the alarm off position.



### 8.6 To stop the warning alarm (A 45, A 100)

- To stop the warning alarm, press the fan speed button for 5 seconds.



## 9 Transportation, storage and disposal

### 9.1 Transportation of the product

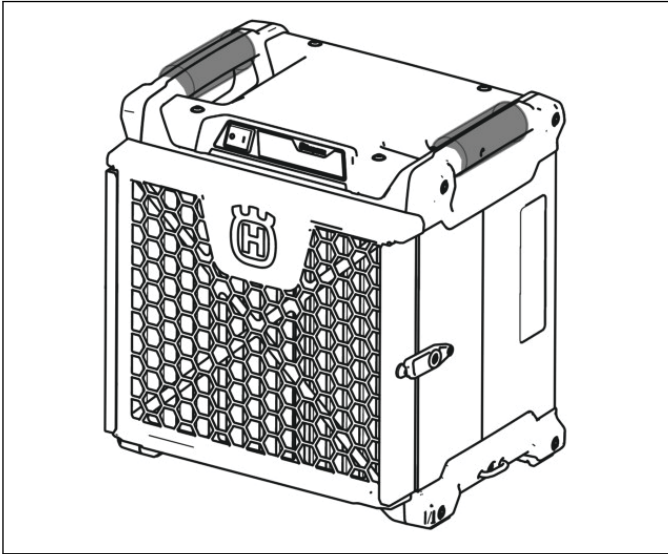


**WARNING:** Be careful during transportation. The product is heavy and can cause injury or damage if it falls or moves during transportation.

- Always clean the product before transportation. Refer to .
- To prevent damages and accidents, make sure that the product cannot move during transportation.

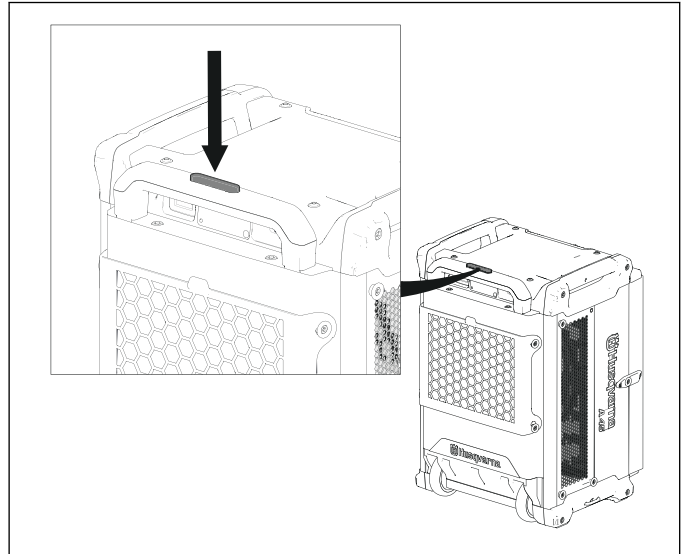
### 9.2 To transport the product short distance (A 25)

- Lift up the product with the 2 side handles.

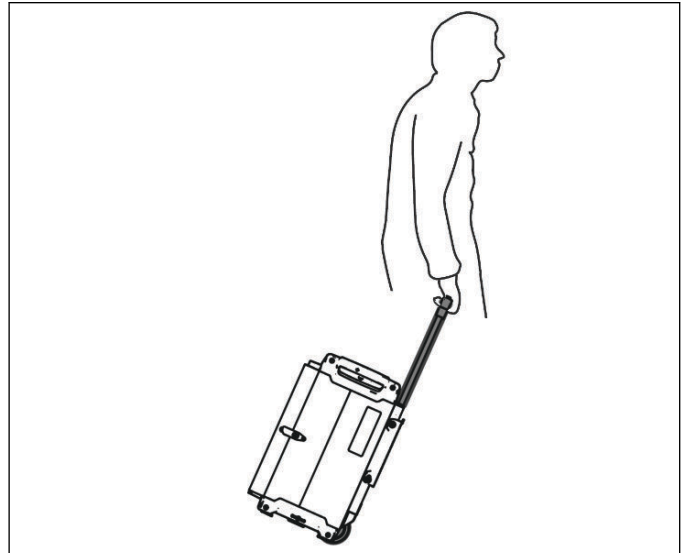


### 9.3 To transport the product with telescopic handle (A 45)

1. Pull out the telescopic handle.

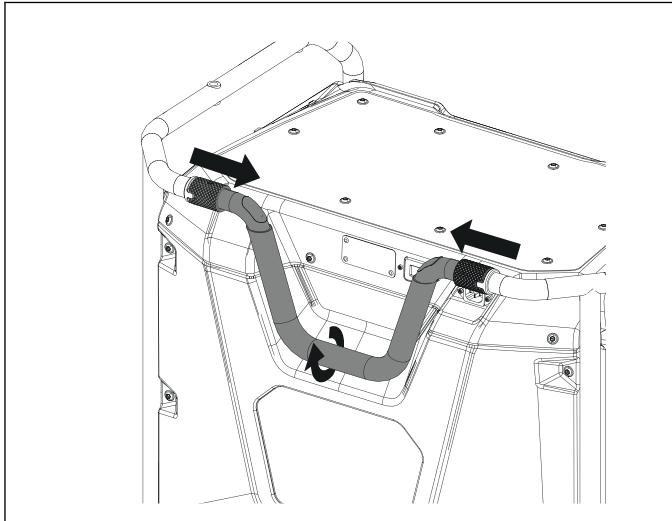


2. Tilt the product until the wheels touch the ground.

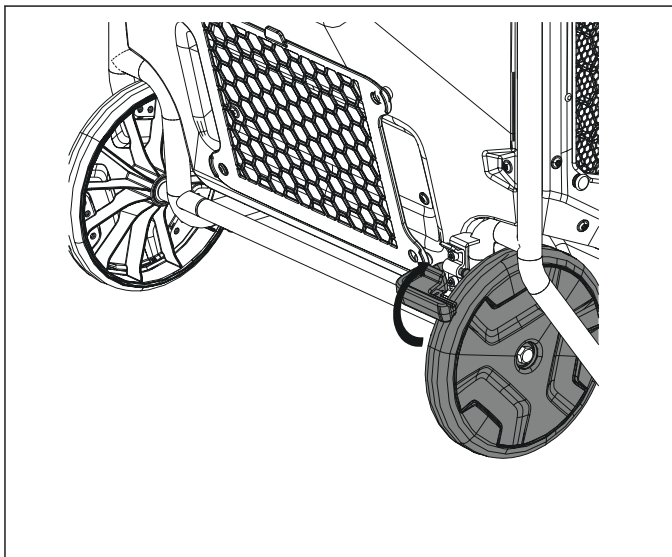


## 9.4 To transport the product with the foldable handle (A 100)

1. Push in the locking rings and turn the foldable handle up.



2. Unlock the wheels.



3. Tilt the product until only the wheels touch the ground.



## 9.5 To transport the product long distance

1. Make sure that the power cord is tightly attached to the product.
2. Attach the lifting equipment through the side handles on the product and lift the product.
3. Attach the product during transportation. Make sure that it cannot move on the transportation vehicle.

## 9.6 Storage of the product

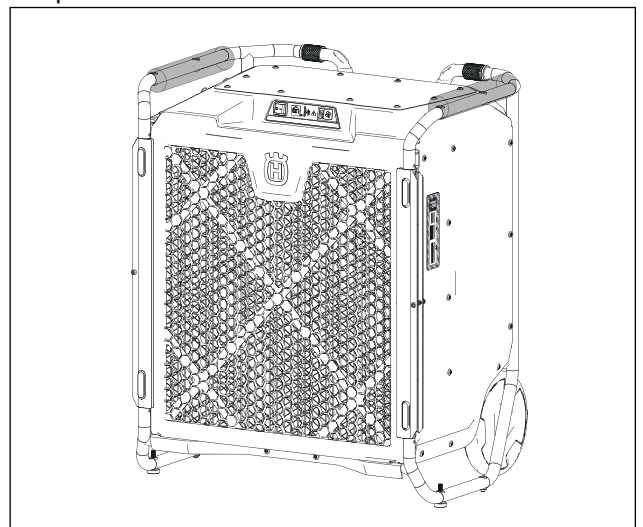


**CAUTION:** Outdoor storage can cause damage to the product. Always keep the product indoors when it is in storage.

- Before long-term storage make sure to do a complete servicing and to clean the product. Refer to *Maintenance schedule on page 5*.
- Put the product in storage where the temperature is between -10°C/14°F to +40°C/104°F.
- Keep the product in a locked area to prevent access for children or persons that are not approved.
- Keep the product in a dry and frost-free area.

## 9.7 To lift the product (A 100)

- Attach the lifting equipment to the side handles of the product.



## 9.8 To stack the product (A25, A45)

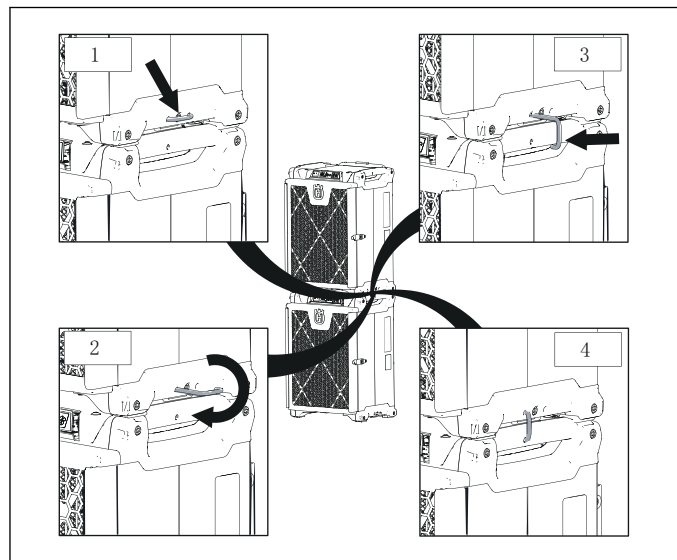
The product can be stacked and locked on top of each other.



**CAUTION:** If more than 2 products are stacked on top of each other make sure to attach safety straps to the products.

**Note:** Do not lift the product when it is stacked.

1. Put a product on top of the other. Make sure that the rubber feet of the product that is on top lock into position with the side handles of the product below.
2. Pull out the 2 lock pins on each side of the top product.
3. Turn the lock pins down and align them with the slots in the side handles of the product below.
4. Put the 2 lock pins into the slots of the product below.



### 9.9 To stack the product (A 100)

The product can be stacked and locked on top of each other.

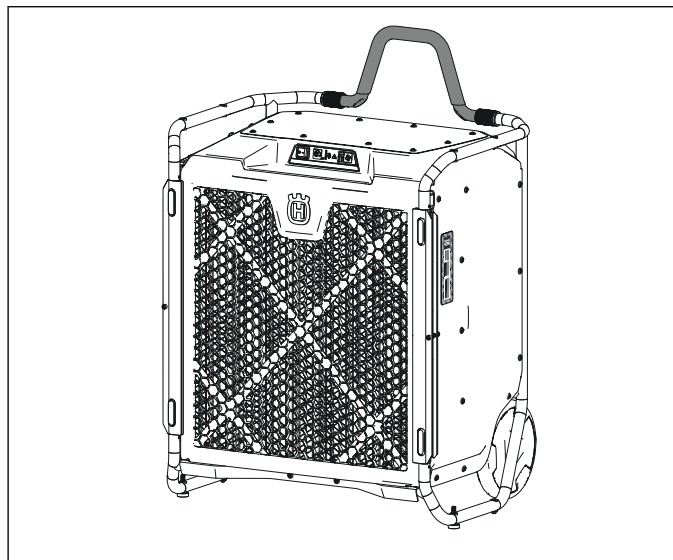


**CAUTION:** If more than 2 products are stacked on top of each other make sure to attach safety straps to the products.

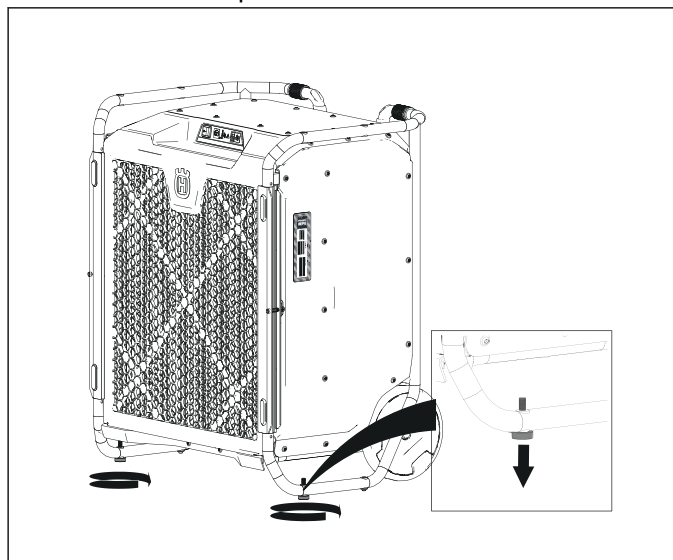


**WARNING:** Do not lift the product when it is stacked.

1. Before you put a product on top of the other, make sure to turn the foldable handle up on the product that will be at the bottom.

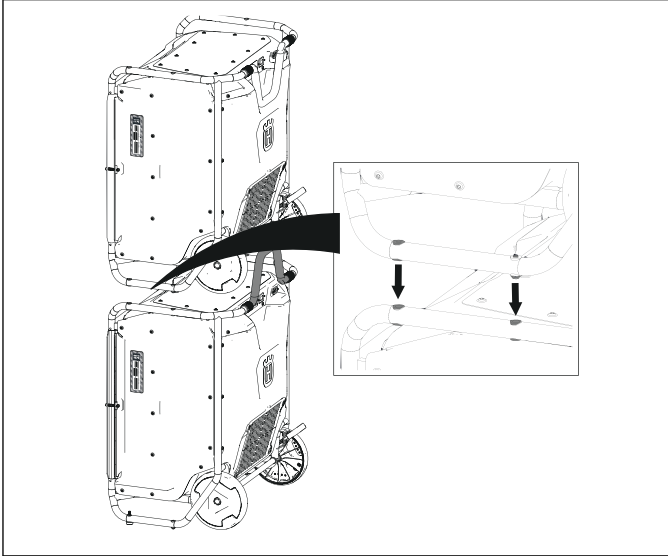


2. Remove the 2 front rubber feet on the product that will be on the top.

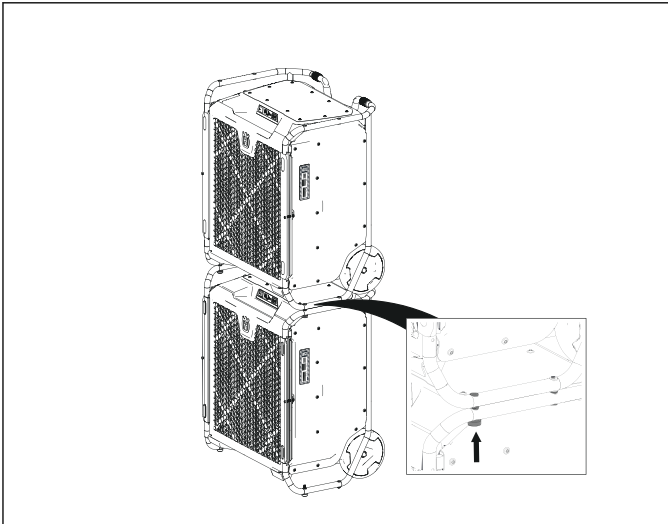


3. Lift the product that will be on the top. Refer to *To lift the product (A 100)* on page 37

4. Put the product on top of the other. Make sure that the holes from the rubber feet of the product that is on the top align and lock into position with the side frames of the product below.



5. If the products will be stacked permanent, make sure to put 4 M8 screws in the holes of the frames.

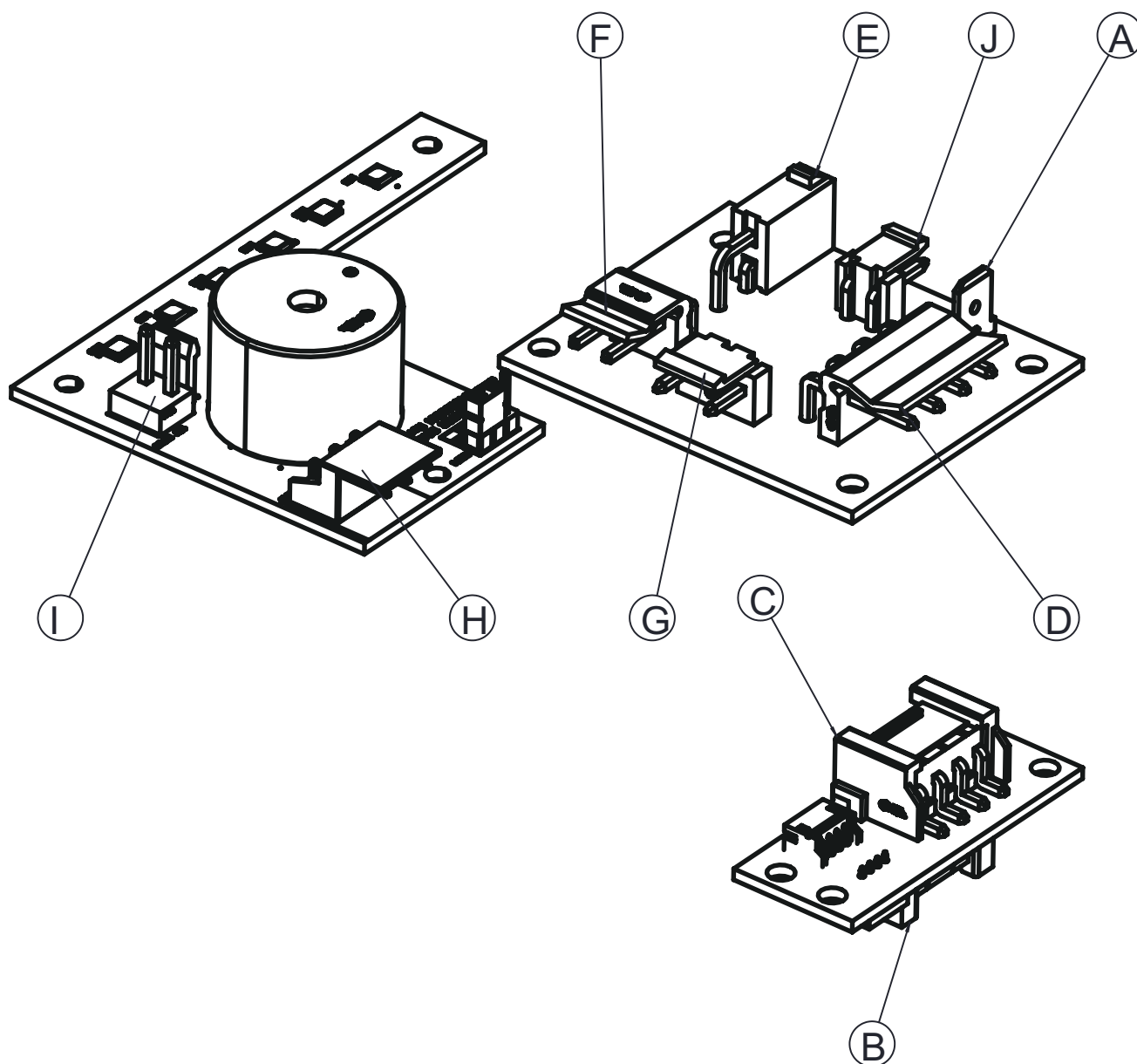


## 9.10 Disposal of the product

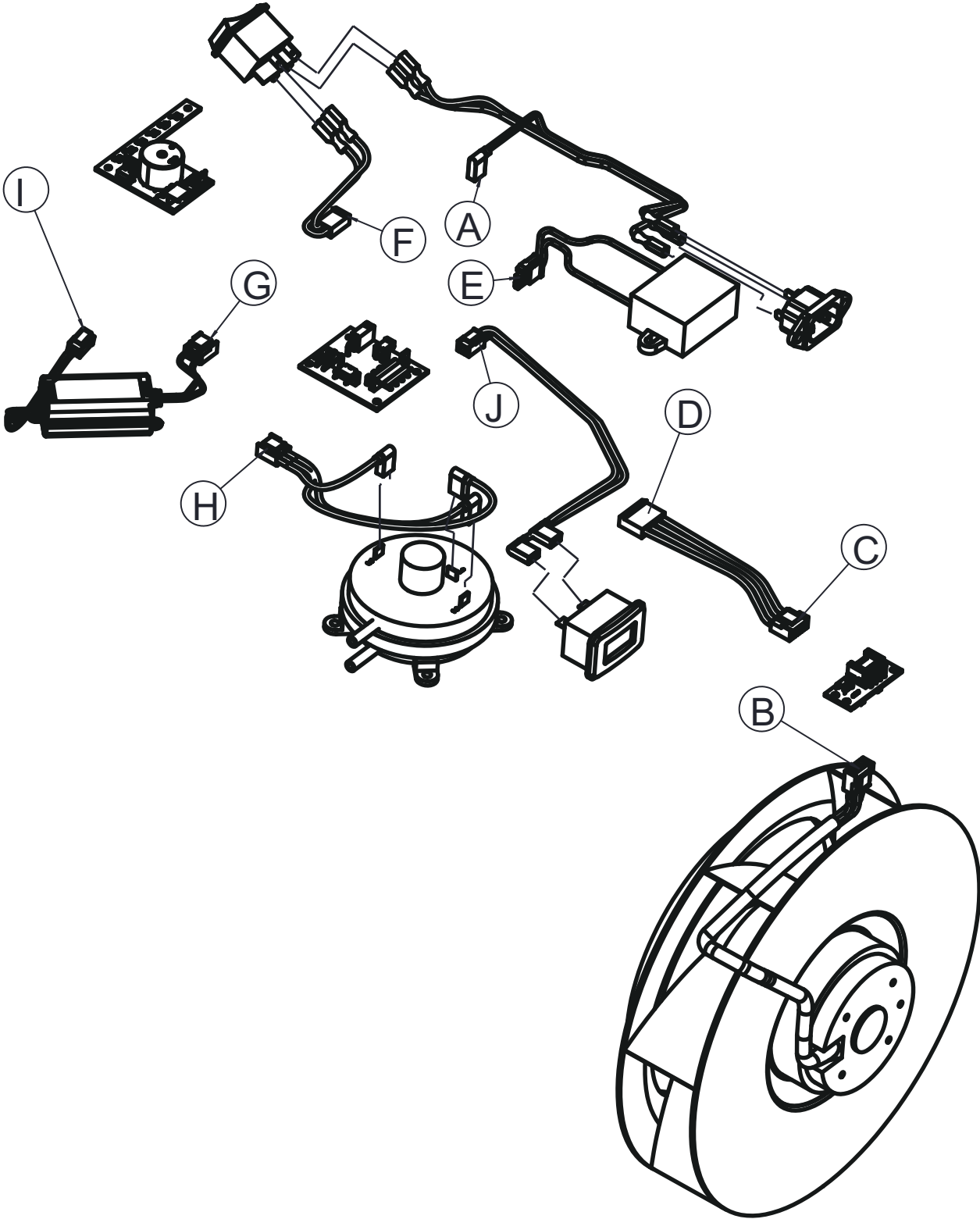
- Obey the local recycling requirements and applicable regulations.
- When the product no longer is used, send it to a dealer or discard it at a recycling location.

## 10 Diagrams

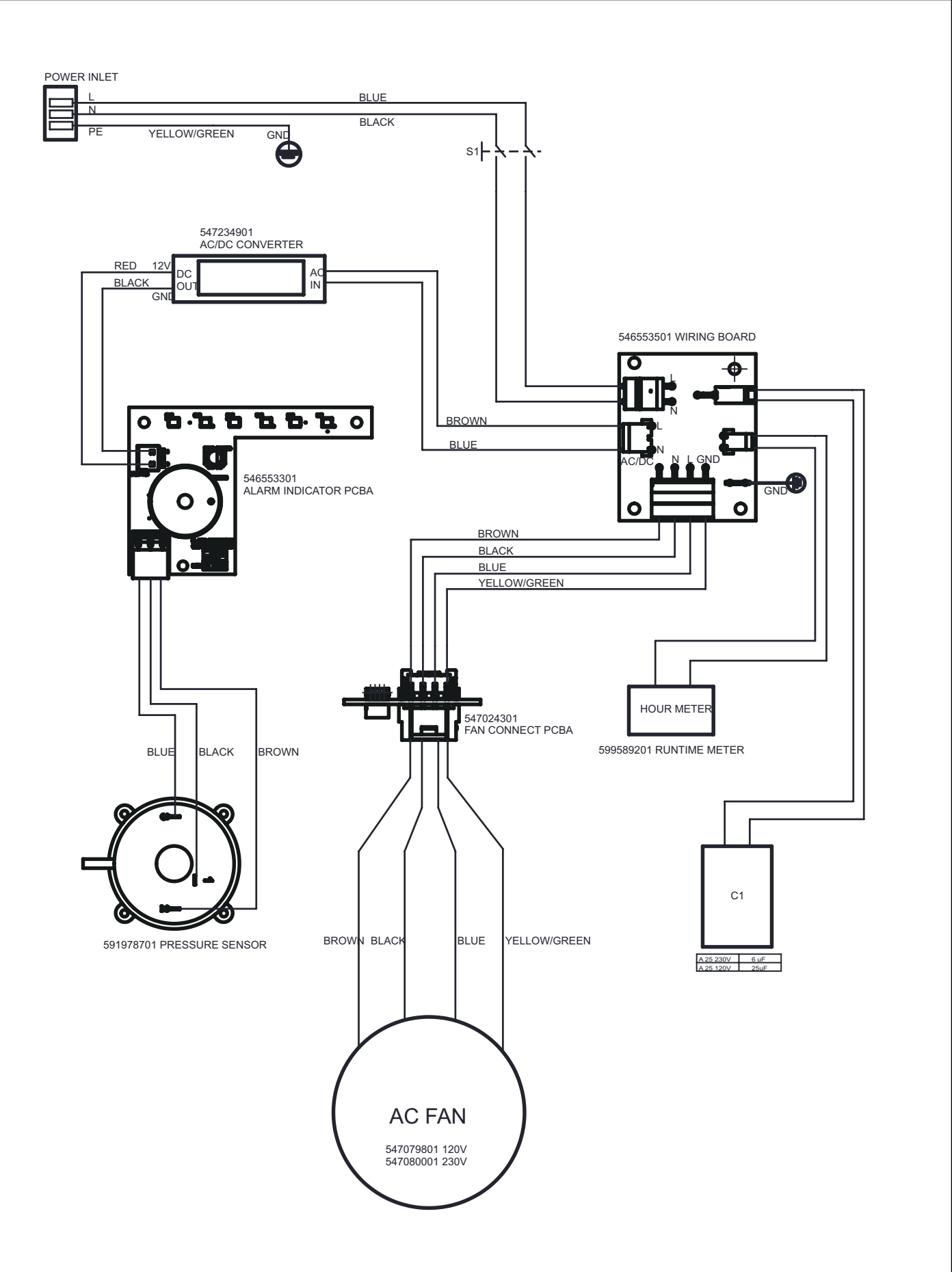
### 10.1 Wiring diagram (A 25), EU/AUS/NA/UK



10.2 Wiring diagram (A 25), EU/AUS/NA/UK

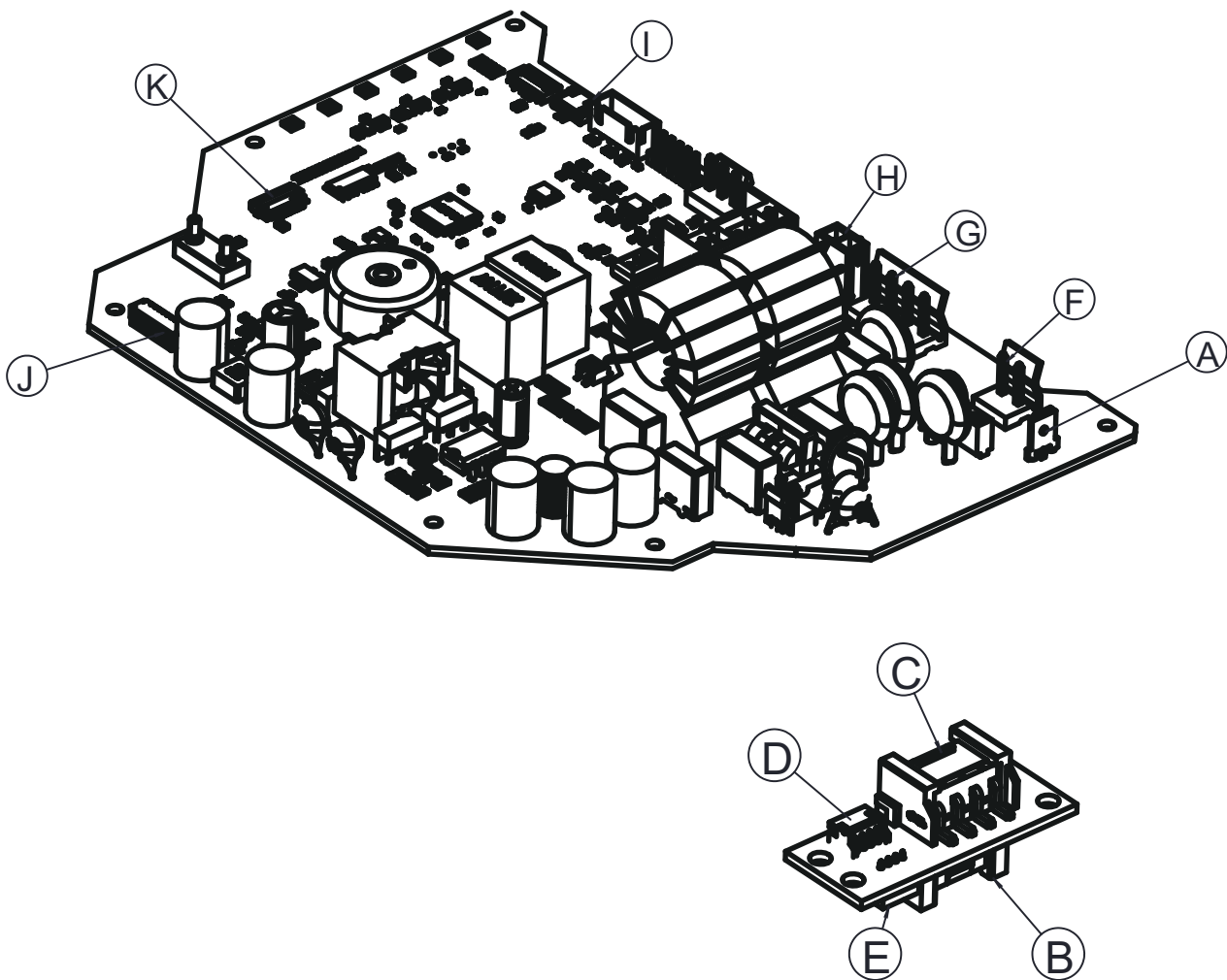


10.3 Electrical schedule (A 25), EU/AUS/NA/UK

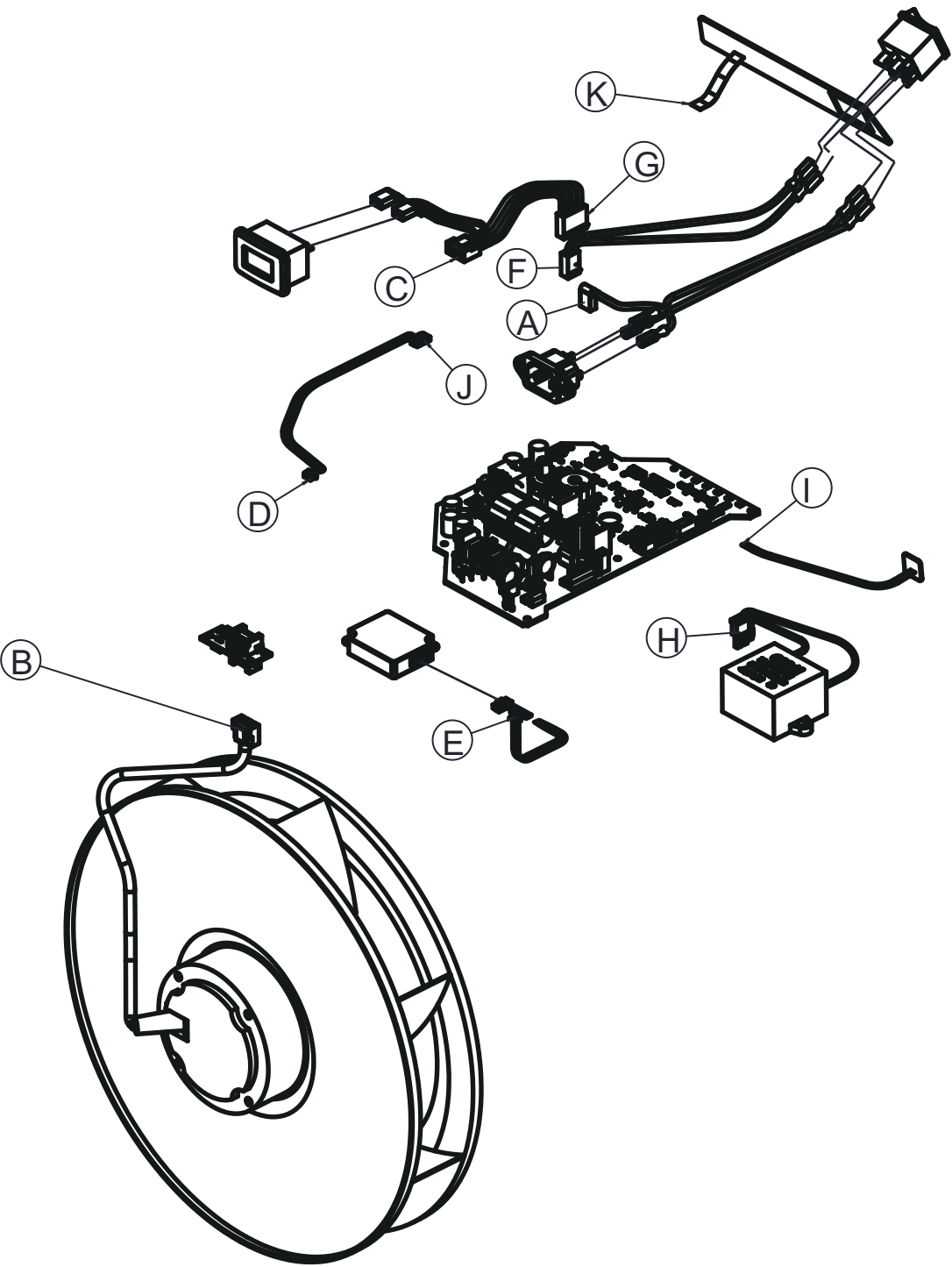




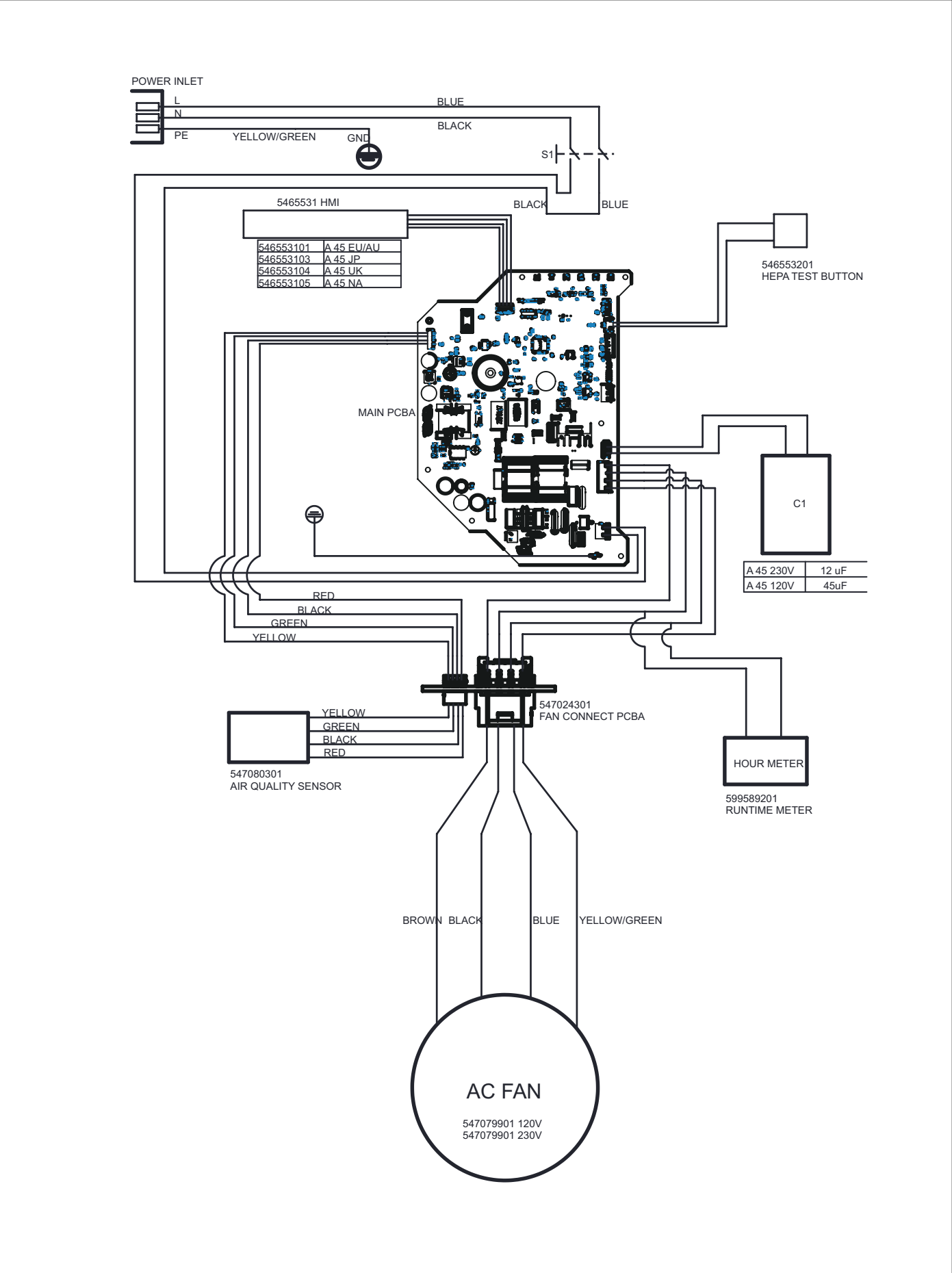
10.4 Wiring diagram (A 45), EU/AUS/NA/UK/JP



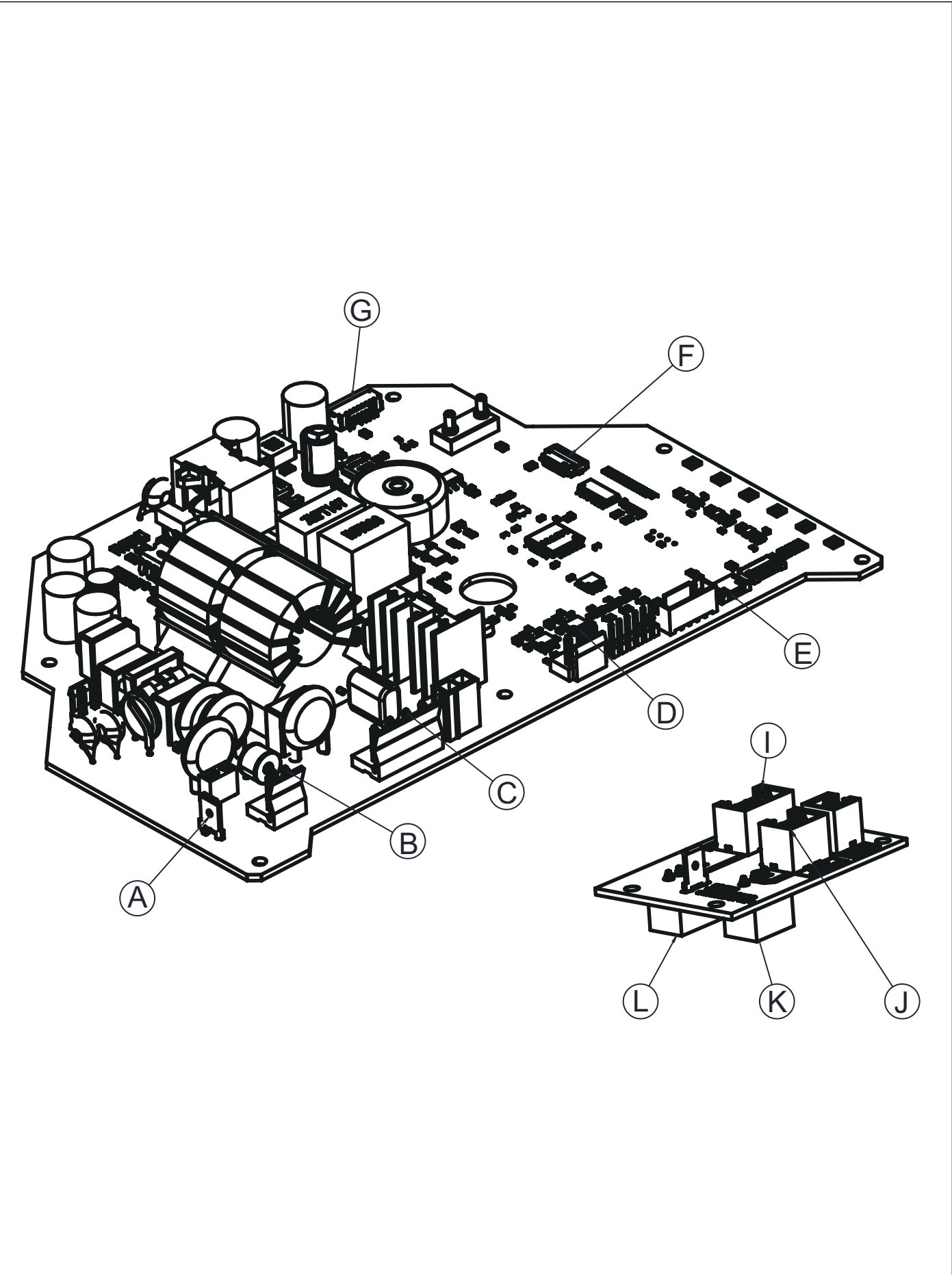
10.5 Wiring diagram (A 45), EU/AUS/NA/UK/JP



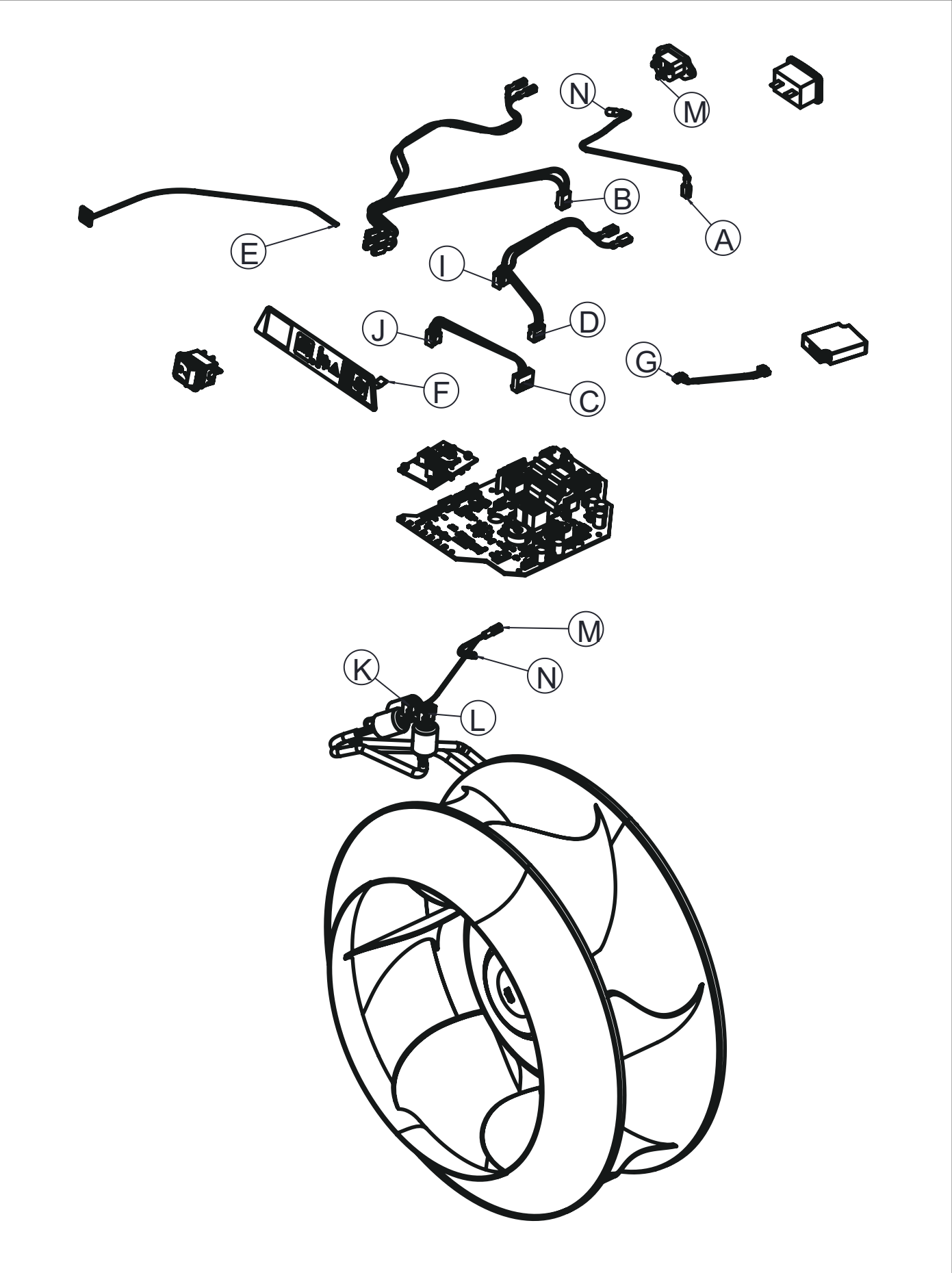
10.6 Electrical schedule (A 45), EU/AUS/NA/UK/JP



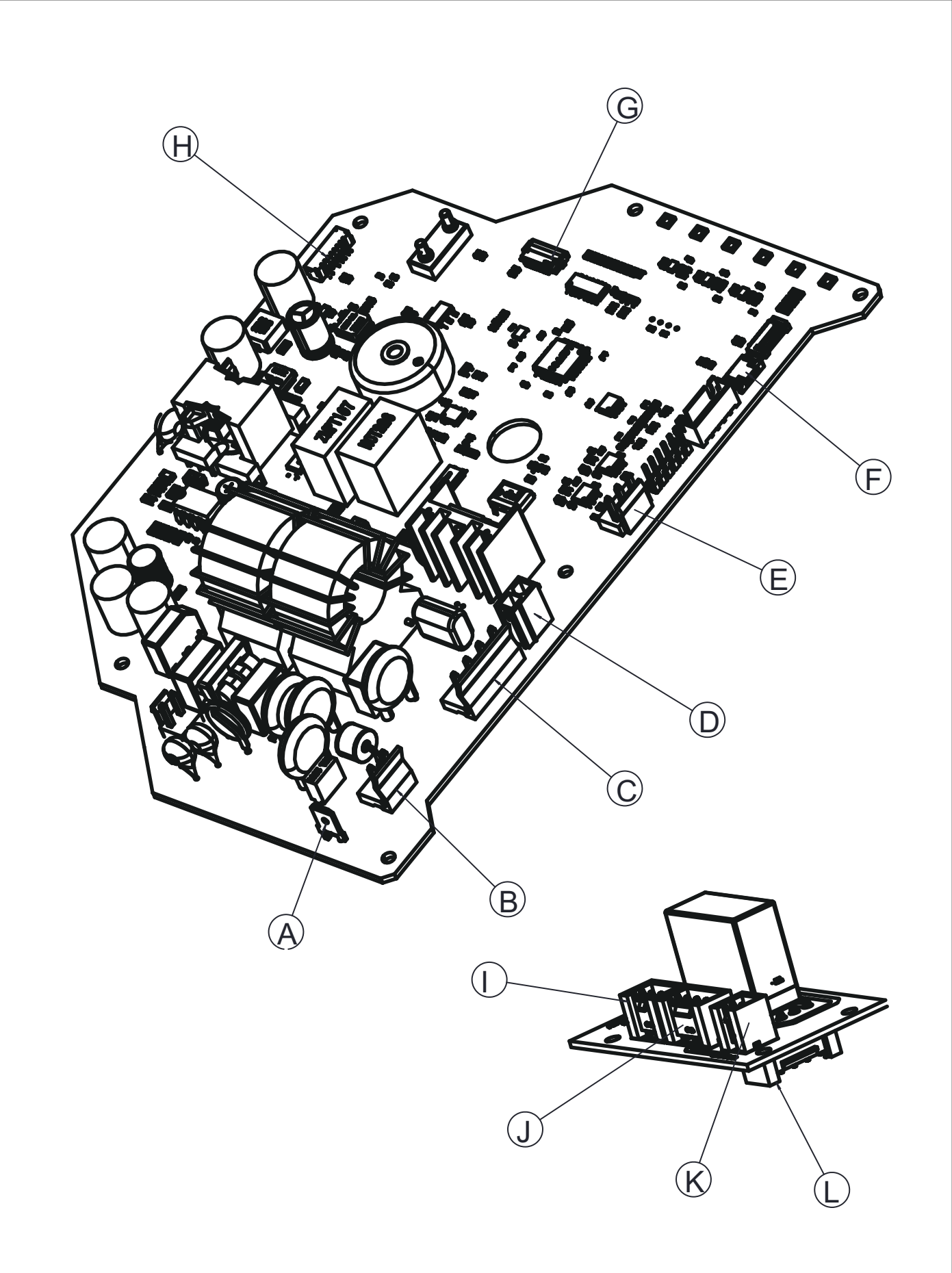
10.7 Wiring diagram (A 100), EU/AUS/UK/JP



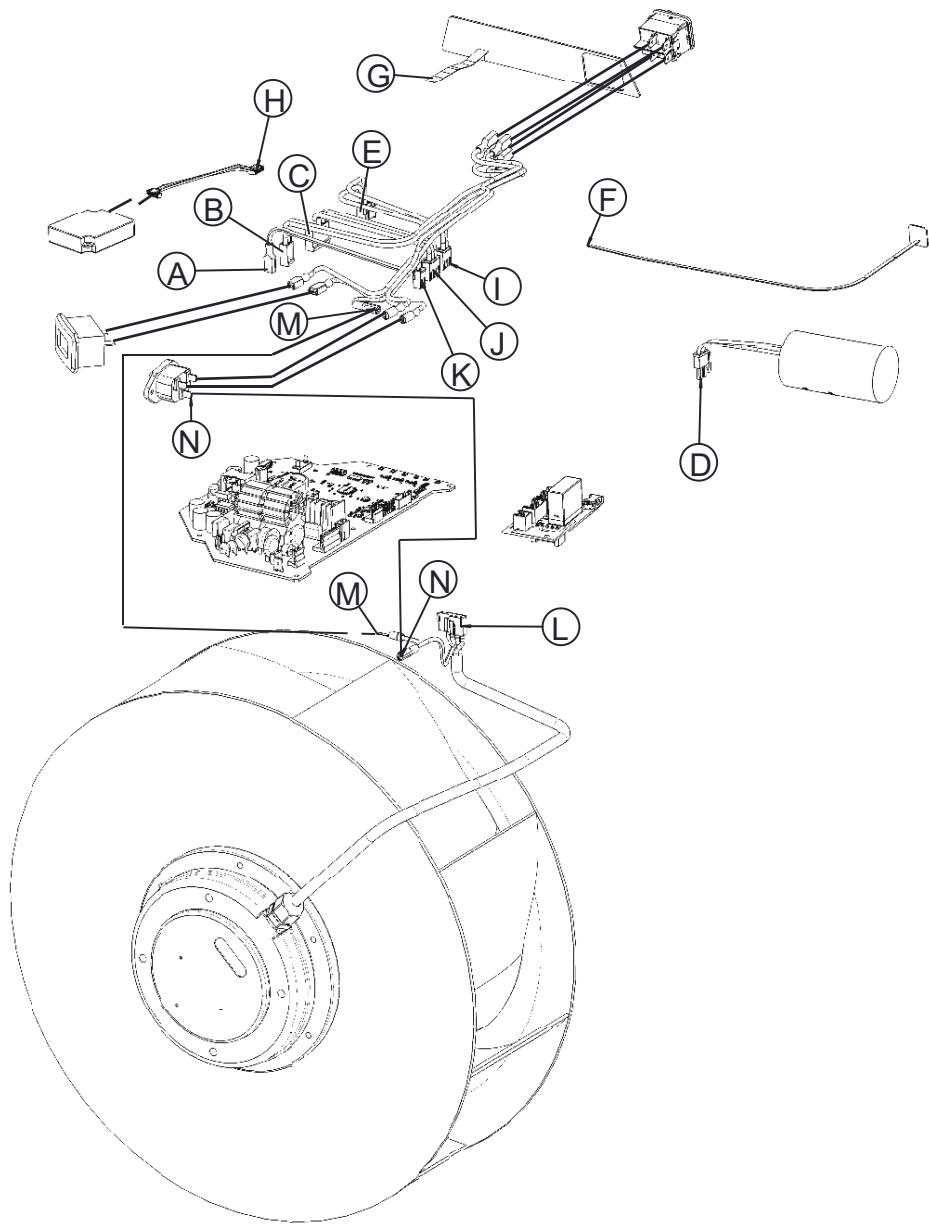
10.8 Wiring diagram (A 100), EU/AUS/UK/JP



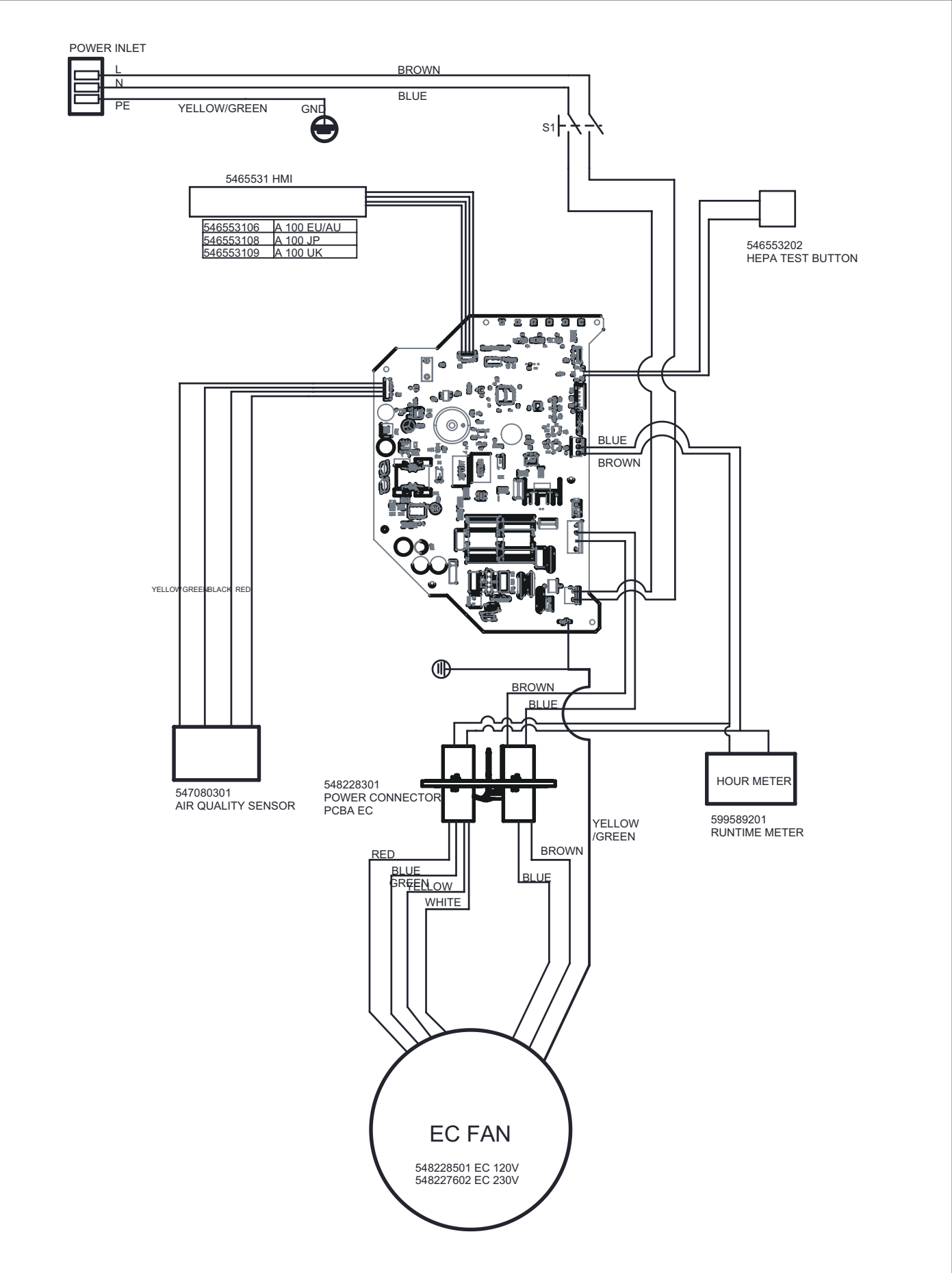
10.9 Wiring diagram (A 100), NA



10.10 Wiring diagram (A 100), NA

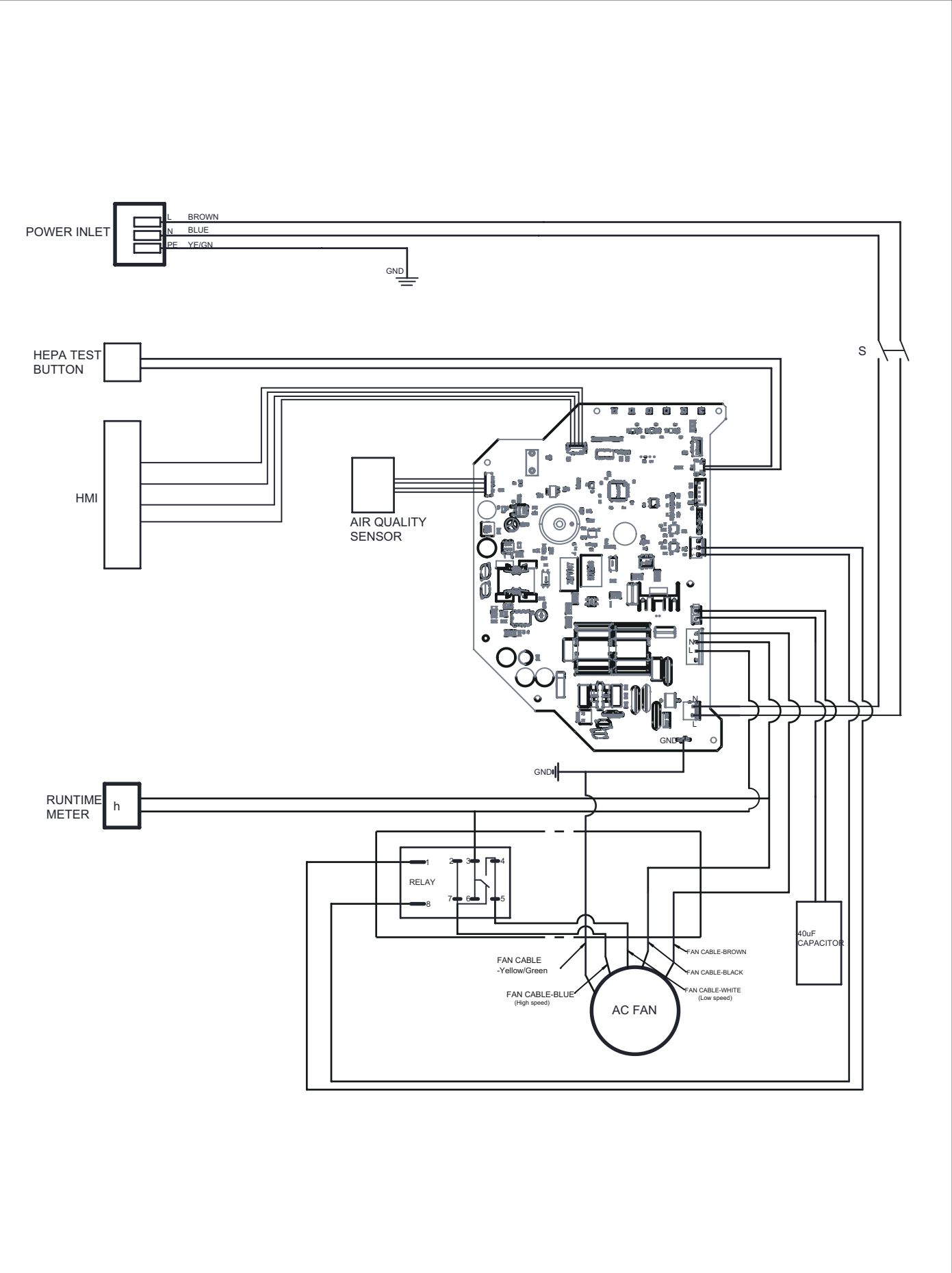


10.11 Electrical schedule (A 100), EU/AUS/UK/JP





10.12 Electrical schedule (A 100), NA



# 11 Technical data

## 11.1 Technical data (A 25)

|                                                                   | (110V)                           | (120V)                  | (230V)                                                      |
|-------------------------------------------------------------------|----------------------------------|-------------------------|-------------------------------------------------------------|
| Voltage (V)                                                       | 110–120                          | 110–120                 | 220–240                                                     |
| Phase                                                             | 1                                |                         |                                                             |
| Frequency, Hz                                                     | 50                               | 60                      | 50–60                                                       |
| Maximum power, W                                                  | 209                              | 312                     | 230                                                         |
| Maximum current, A                                                | 1.9                              | 2.6                     | 1                                                           |
| Maximum airflow (+/- 5 %),<br>m³/h / cfm*                         | _**                              | _**                     | _**                                                         |
|                                                                   | 500/295***                       | 594/350***              | 540/319***                                                  |
|                                                                   | _****                            | _****                   | 400/236****                                                 |
| Prefilter area, m²/ft²                                            | 0.343/3.692                      |                         |                                                             |
| Filter efficiency essential                                       | >99.95 % MPPS(HEPA 13)           |                         |                                                             |
| Total essential area, m²/ft²                                      | 3.0/32.292                       |                         |                                                             |
| Dimensions L×W×H, mm/in                                           | 410×340×430/16.14×13.39×16.93    |                         |                                                             |
| Weight, kg/lbs                                                    | 13.5/29.8                        | 13.54/29.9              | 13.65/30.1                                                  |
| Sound pressure noise level at<br>the operator's ear, dB (A) ***** | 63                               | 63                      | 62                                                          |
| Protection class                                                  | IPX4                             |                         |                                                             |
| Mains connection (type)                                           | 2P+G.4H 16A 110V/IEC 320<br>C-13 | NEMA 5-15P/IEC 320 C-13 | EU (SCHU KO)/IEC<br>320 C-13<br><br>AUS 10A/IEC 320<br>C-13 |

\* = Actual airflow value can differ with up to 5 % due to manufacturing tolerances.

\*\* = HEPA 13

\*\*\* = HEPA 13 + prefilter

\*\*\*\* = HEPA 13 + prefilter + carbon filter

\*\*\*\*\* = measurement result 1 m away from the product and 1.6 m up from the floor.

## 11.2 Technical data (A 45)

|                                                                         | (100V)                                          |             | (110V)                                          | (120V)                                          | (230V)                                                      |
|-------------------------------------------------------------------------|-------------------------------------------------|-------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------|
| Voltage (V)                                                             | 100                                             |             | 110–120                                         | 110–120                                         | 220–240                                                     |
| Phase                                                                   | 1                                               |             |                                                 |                                                 |                                                             |
| Frequency, Hz                                                           | 50–60                                           |             | 50                                              | 60                                              | 50–60                                                       |
| Maximum power, W                                                        | 370                                             | 480         | 407                                             | 637                                             | 529                                                         |
| Maximum current, A                                                      | 3.7                                             | 4.8         | 3.7                                             | 5.3                                             | 2.3                                                         |
| Maximum airflow<br>(+/- 5 %), m³/h /<br>cfm*                            | 1000/589*<br>*                                  | 900/531**   | 1040/613**                                      | 1188/700**                                      | 1070/631**                                                  |
|                                                                         | 780/513**<br>*                                  | 815/481***  | 900/531***                                      | 1035/610***                                     | 1000/589***                                                 |
|                                                                         | 660/389**<br>**                                 | 680/401**** | 700/413****                                     | 797/470****                                     | 750/442****                                                 |
| Prefilter area,<br>m²/ft²                                               | 0.507/5.4573                                    |             |                                                 |                                                 |                                                             |
| Filter efficiency<br>essential                                          | >99.95 % MPPS(HEPA 13)                          |             |                                                 |                                                 |                                                             |
| Total essential<br>area, m²/ft²                                         | 4.6/49.514                                      |             |                                                 |                                                 |                                                             |
| Dimensions<br>L×W×H, mm/in                                              | 410×370×580/16.14×14.57×22.83                   |             |                                                 |                                                 |                                                             |
| Weight, kg/lbs                                                          | 19.62/43.25                                     |             | 19.84/43.74                                     |                                                 | 19.82/43.7                                                  |
| Sound pressure<br>noise level at the<br>operator's ear, dB<br>(A) ***** | 1. Low: 58<br>2. Standard: 63<br>3. Maximum: 70 |             | 1. Low: 58<br>2. Standard: 63<br>3. Maximum: 70 | 1. Low 58:<br>2. Standard: 63<br>3. Maximum: 70 | 1. Low: 57<br>2. Standard: 66<br>3. Maximum: 70             |
| Protection class                                                        | IPX4                                            |             |                                                 |                                                 |                                                             |
| Mains connection<br>(type)                                              | JIS C8303/IEC 320 C-13                          |             | 2P+ G, H4 16A<br>110V/IEC 320 C-13              | NEMA 5-15P/IEC<br>320 C-13                      | EU (SCHU KO)/IEC<br>320 C-13<br><br>AUS 10A/IEC 320<br>C-13 |

\* = Actual airflow value can differ with up to 5 % due to manufacturing tolerances.

\*\* = HEPA 13

\*\*\* = HEPA 13 + prefilter

\*\*\*\* = HEPA 13 + prefilter + carbon filter

\*\*\*\*\* = measurement result 1 m away from the product and 1.6 m up from the floor.

### 11.3 Technical data ( A 100)

|                                                                | (100V)                                          |                                    | (110V)                                          | (120V)                                                | (230V)                                          |
|----------------------------------------------------------------|-------------------------------------------------|------------------------------------|-------------------------------------------------|-------------------------------------------------------|-------------------------------------------------|
| Voltage (V)                                                    | 100                                             |                                    | 110–120                                         | 110–120                                               | 220–240                                         |
| Phase                                                          | 1                                               |                                    |                                                 |                                                       |                                                 |
| Frequency, Hz                                                  | 50–60                                           |                                    | 50                                              | 60                                                    | 50–60                                           |
| Maximum power, W                                               | 600                                             | 600                                | 600                                             | 840                                                   | 621                                             |
| Maximum current, A                                             | 6.2                                             | 6.2                                | 5.5                                             | 7                                                     | 2.7                                             |
| Maximum airflow (+/- 5 %), m³/h / cfm*                         | 2400/1412*                                      | 2400/1412**                        | 2400/1412**                                     | 2200/1295**                                           | 2400/1412**                                     |
|                                                                | 2200/1295**                                     | 2200/1295***                       | 2200/1295***                                    | 2000/1177***                                          | 2200/1295***                                    |
|                                                                | 1800/1059***                                    | 1800/1059****                      | 1800/1059****                                   | 1600/942****                                          | 1800/1059****                                   |
| Prefilter area, m²/ft²                                         | 1/10.764                                        |                                    |                                                 |                                                       |                                                 |
| Filter efficiency essential                                    | >99.95 % MPPS(HEPA 13)                          |                                    |                                                 |                                                       |                                                 |
| Total essential area, m²/ft²                                   | 11.3/1216.3                                     |                                    |                                                 |                                                       |                                                 |
| Dimensions L×W×H, mm/in                                        | 725×542×860/28.54×21.34×33.86                   |                                    |                                                 |                                                       |                                                 |
| Weight, kg/lbs                                                 | 42/92.59                                        |                                    | 42/92.59                                        | 45/99.21                                              | 42/92.59                                        |
| Sound pressure noise level at the operator's ear, dB (A) ***** | 1. Low: 54<br>2. Standard: 63<br>3. Maximum: 69 |                                    | 1. Low: 54<br>2. Standard: 63<br>3. Maximum: 69 | 1. Low 58:<br>2. Standard: 65<br>3. Maximum: 71       | 1. Low: 54<br>2. Standard: 63<br>3. Maximum: 69 |
| Protection class                                               | IPX4                                            |                                    |                                                 |                                                       |                                                 |
| Mains connection (type)                                        | JIS C8303/IEC 320 C-13                          | 2P+ G, H4 16A<br>110V/IEC 320 C-13 | NEMA 5-15P/IEC 320 C-13                         | EU (SCHU KO)/IEC 320 C-13<br><br>AUS 10A/IEC 320 C-13 |                                                 |

\* = Actual airflow value can differ with up to 5 % due to manufacturing tolerances.

\*\* = HEPA 13

\*\*\* = HEPA 13 + prefilter

\*\*\*\* = HEPA 13 + prefilter + carbon filter

\*\*\*\*\* = measurement result 1 m away from the product and 1.6 m up from the floor.





[www.husqvarna.com](http://www.husqvarna.com)

1144090-26

2025-11-07