



Assembly Instructions

## Air distribution module



**AUSTROFLAMM**

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#### LEGAL NOTICES

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# 1 General information

## NOTICE

On **Mo Duo**, **Mo Duo Cook** and **Scotty Duo**, which have Heat Memory System (HMS) and air distribution module as options, the air distribution module cannot be combined with the Heat Memory System (HMS)! On these stoves, only one system can be used.

Air distribution module, item number **805003**, is built into the following stoves:

- Mo Duo
- Mo Duo Cook
- Clou Duo
- Scotty Duo

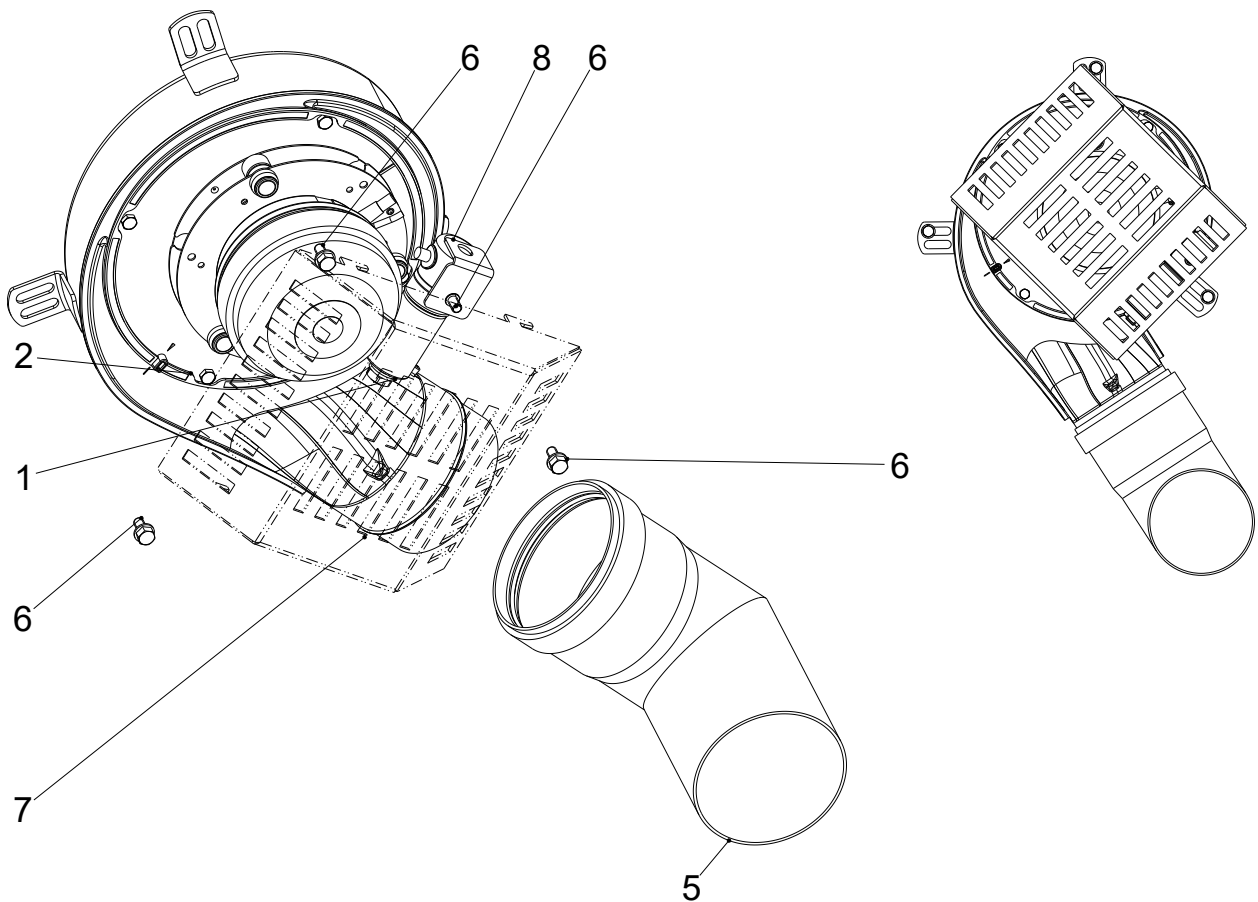


Fig. 1: 805003 Air distribution module

Item no.	Quantity	Article	Article no.
1	1	KO EBM-SZ	728145
2	1	AC radial fan D150/D80 EBM	728255
3	1	KS LVM	728784
4	1	LVM installation instructions	940309
5	1	Bend, 80/90° 2-part fixed COLOUR	628014-29
6	4	Taptite SKS M5x10 DIN7500D	718104-92
7	1	Cover, rear	728839-29
8	1	Capacitor holder	728892-95

Air distribution module, item number 808002, is built into the following stove:

- Ruby

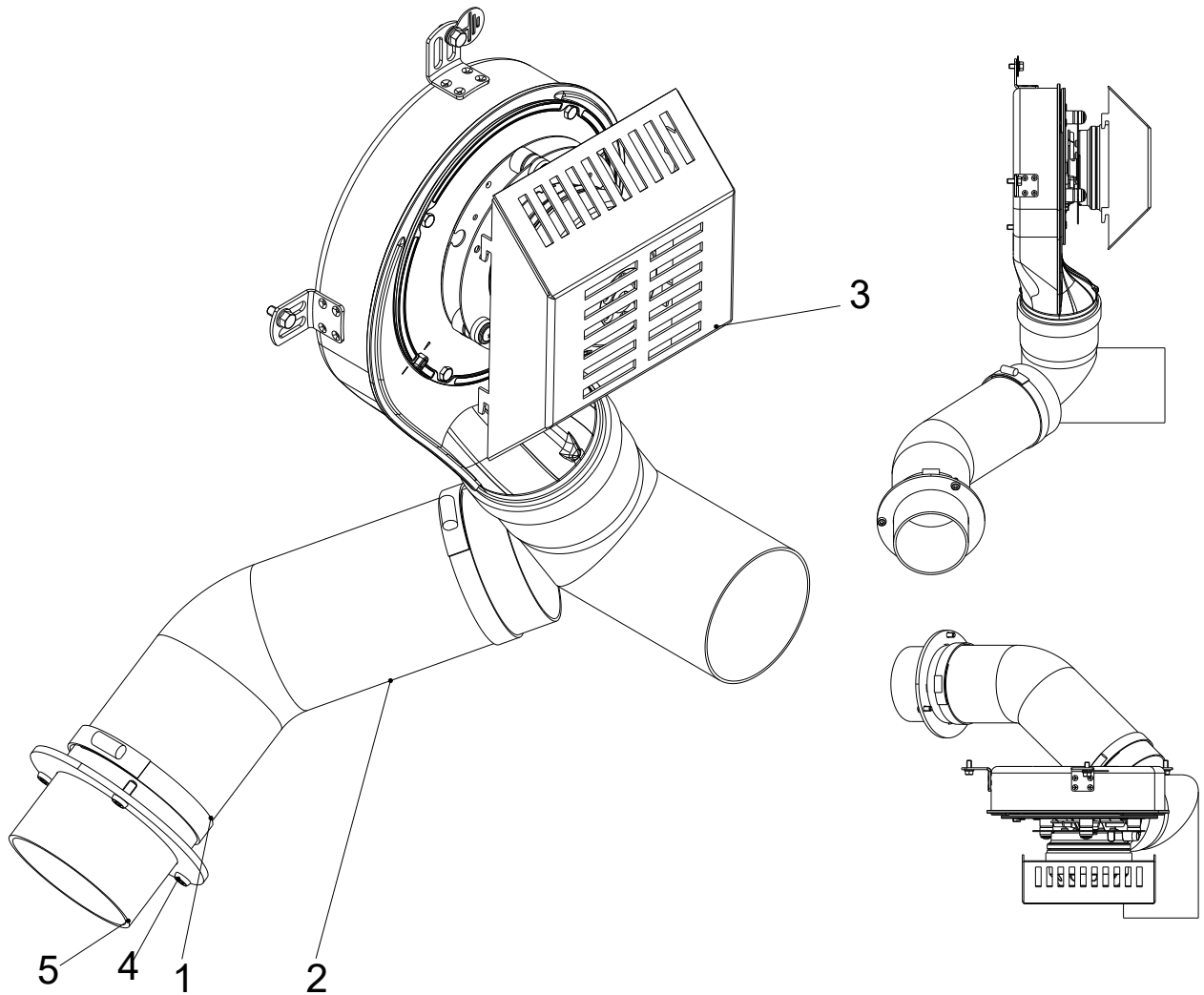


Fig. 2: 805002 Air distribution module

Item no.	Quantity	Article	Article no.
1	2	ASK hose clamp 70-90 mm	718287
2	1	Aluminium flexible hose dm80 L=320	729572
3	1	Air distribution module (ADM)	805003
4	3	Fillister-head screw with hex M5x12 ISO7380	718562-92
5	1	Double connection bracket, welded	729566-29

## 2 Mo Duo - installing the air distribution module

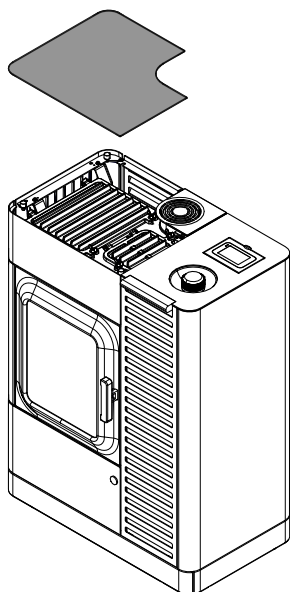


Fig. 3: Removing the cover

1) Remove cover.

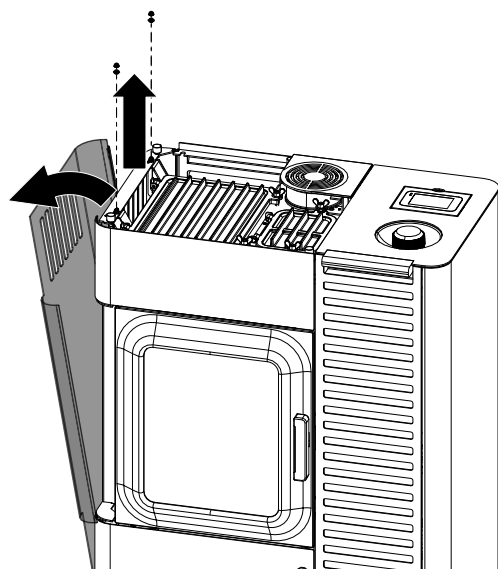


Fig. 4: Detaching the left-hand side cladding

- 2) From above, undo the two screws of the left-hand side cladding.
- 3) Pull the side cladding towards you at the top and un-hinge it at the bottom.

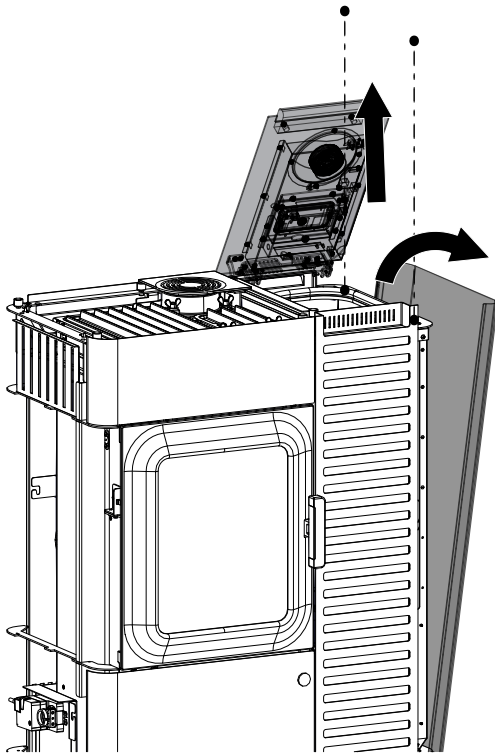


Fig. 5: Detaching the right-hand side cladding

- 4) Open hopper lid.
- 5) From above, undo the two screws of the right-hand side cladding.
- 6) Pull the side cladding towards you at the top and unhinge it at the bottom.

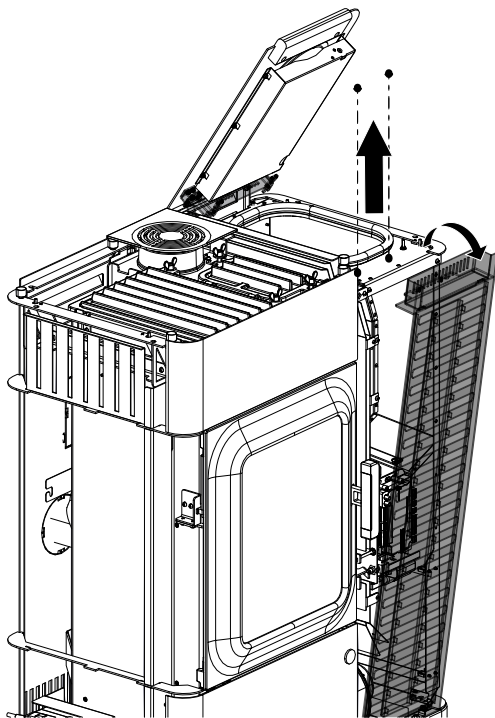
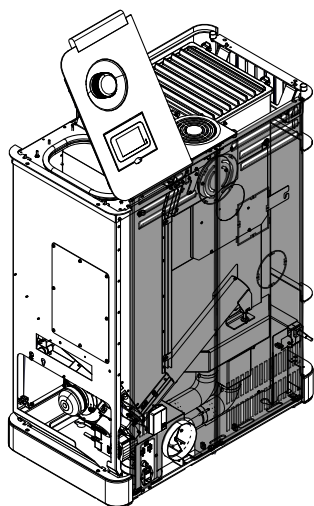


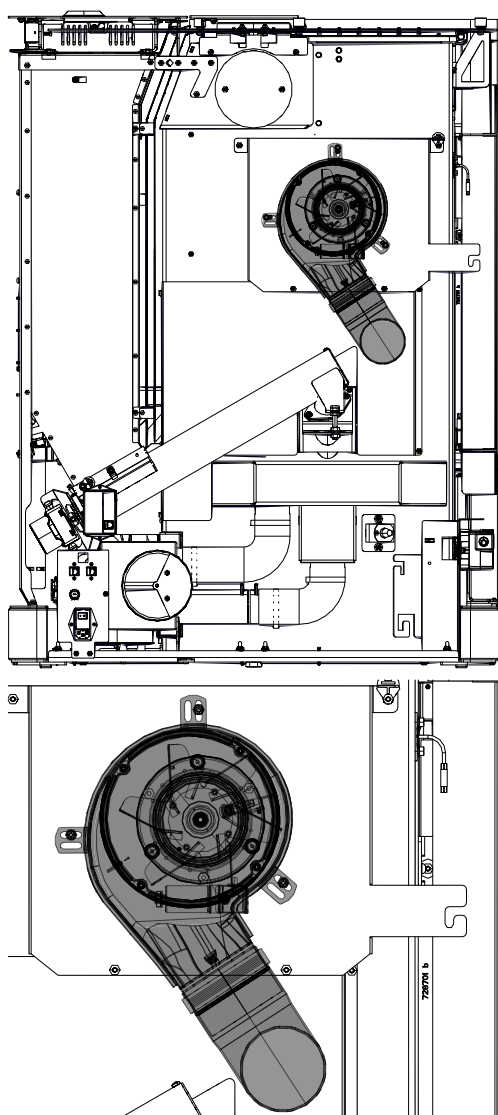
Fig. 6: Detaching the front side cladding

- 7) From above, undo the two screws of the front side cladding.
- 8) Pull the side cladding towards you at the top and unhinge it at the bottom.



9) Remove rear panel.

Fig. 7: Removing the rear panel



10) Attach air distribution module to the stove and fasten it.

⇒ When doing so, follow the correct installation as shown below.

Fig. 8: Attaching the air module



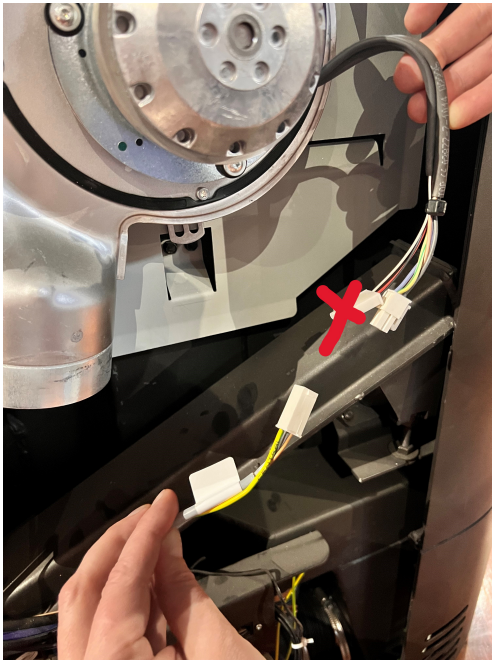


Fig. 9: Connecting the cables

- 11) Connect to each other the cable from the air distribution module and the cable which leads to the control unit.
  - ⇒ Only one plug needs to be connected to the fan. The second is not used.
- 12) Secure the upper part of the cable with a cable tie.

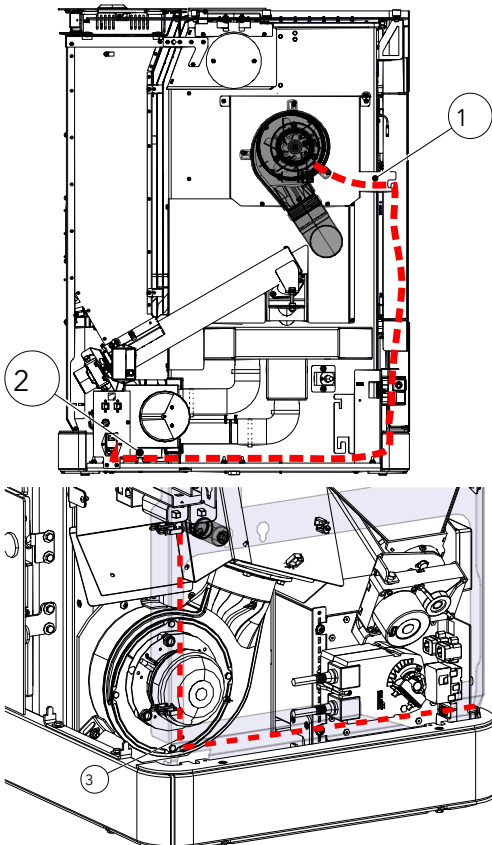
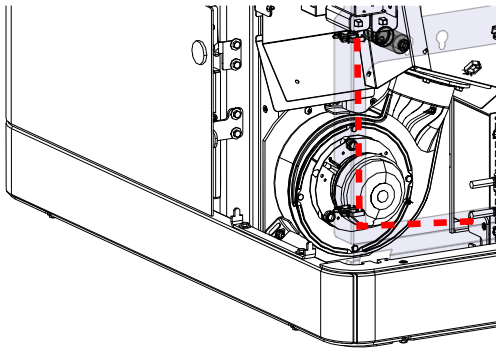


Fig. 10: Laying the cable

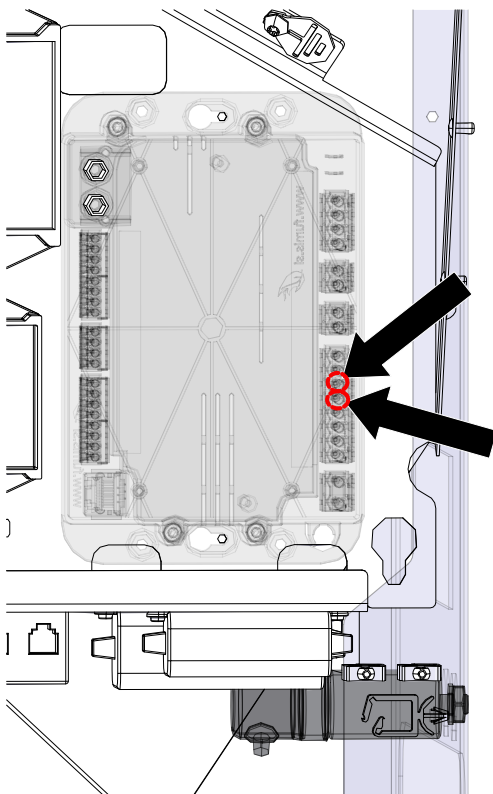
- 13) Lay the cable in the stove as shown and fix to points 1 + 2 + 3 with a cable tie.



- 14) Connect to the capacitor.
  - ⇒ When doing so it is not important which cable is connected to which connection.
- 15) Fasten capacitor to stove. See next picture.



Fig. 11: Connecting the cable to the capacitor



- 16) Clip air distribution cable on to the control unit.
  - ⇒ There are two cables (grey and brown) to be plugged in. It does not matter which cable is connected to which connection.
  - ⇒ Connection to position 5+6.

Fig. 12: Clipping on to the air distribution module

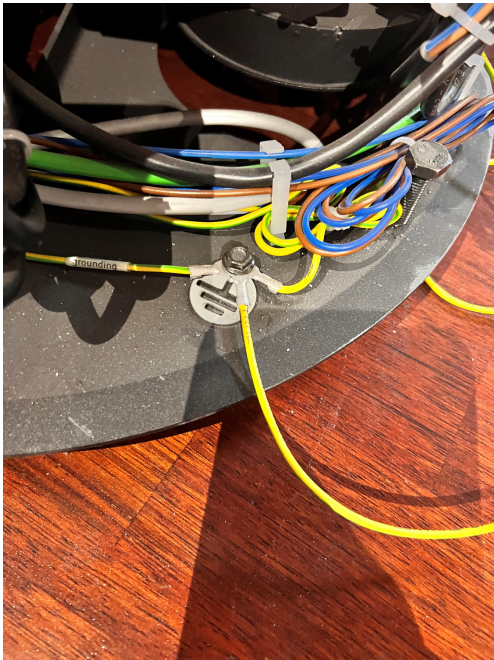


Fig. 13: Connecting the central earth

17) Connect central earth.

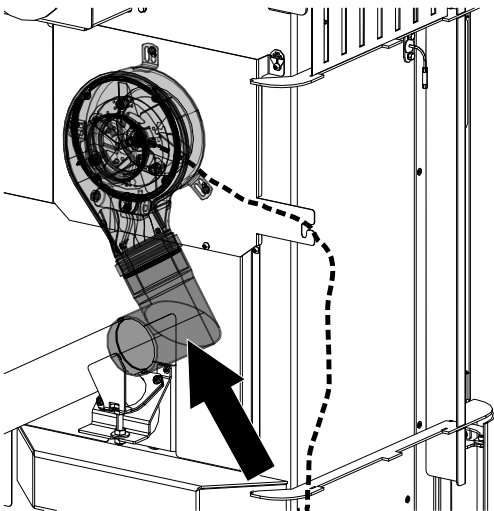


Fig. 14: Placing the pipe

18) Place the L-pipe section on to the air distribution module.

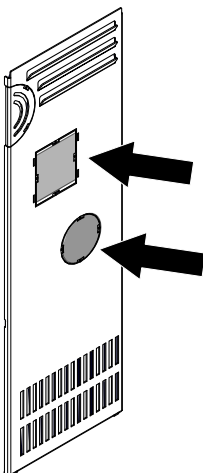


Fig. 15: removing the perforated cut-outs

19) Using side cutters, remove perforated cut-outs on the rear panel.

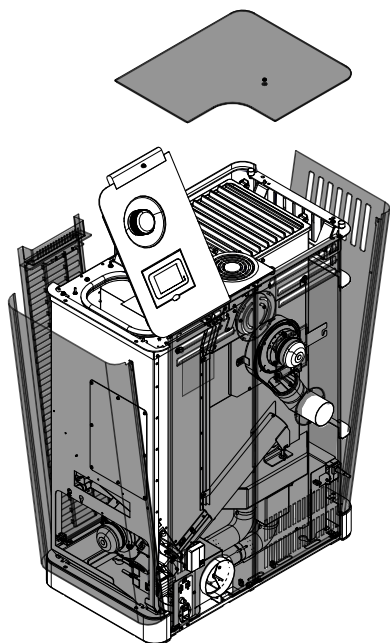


Fig. 16: Reattaching everything

20) First attach the rear panel, then attach all side cladding in reverse order and attach the cover.

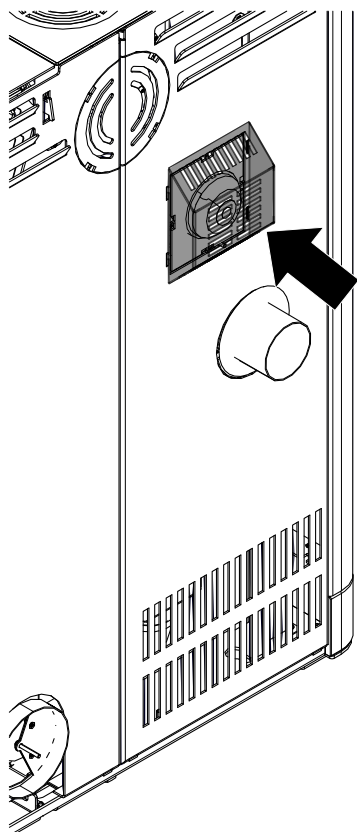


Fig. 17: Attaching the cover on the rear panel

21) Attach cover at the back on the rear panel.

### 3 Mo Duo Cook - installing the air distribution module

- 1) Open hopper lid.

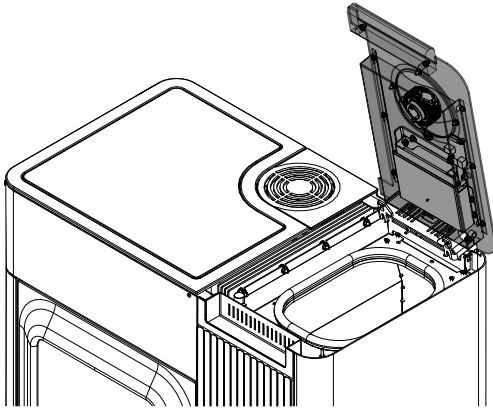


Fig. 18: Opening the hopper lid

- 2) Undo the screws and unhinge the right-hand side cladding upwards.

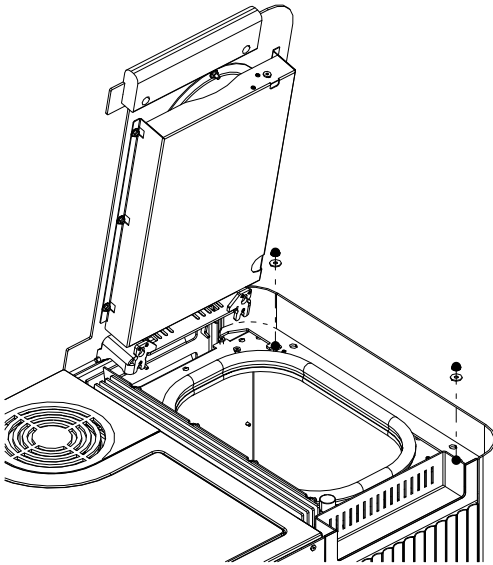


Fig. 19: Removing the right-hand side cladding

- 3) Remove cover of the WLAN box.

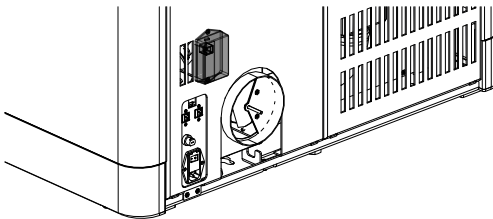


Fig. 20: Removing cover of WLAN box

- 4) Undo the screws of the rear panel and unhinge the rear panel.

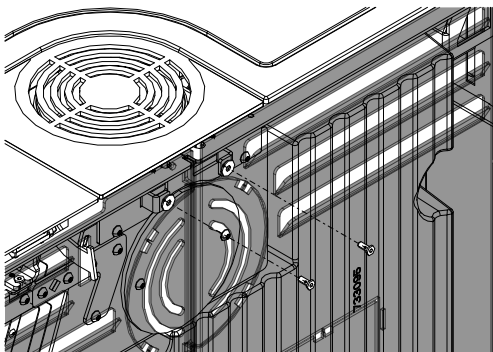
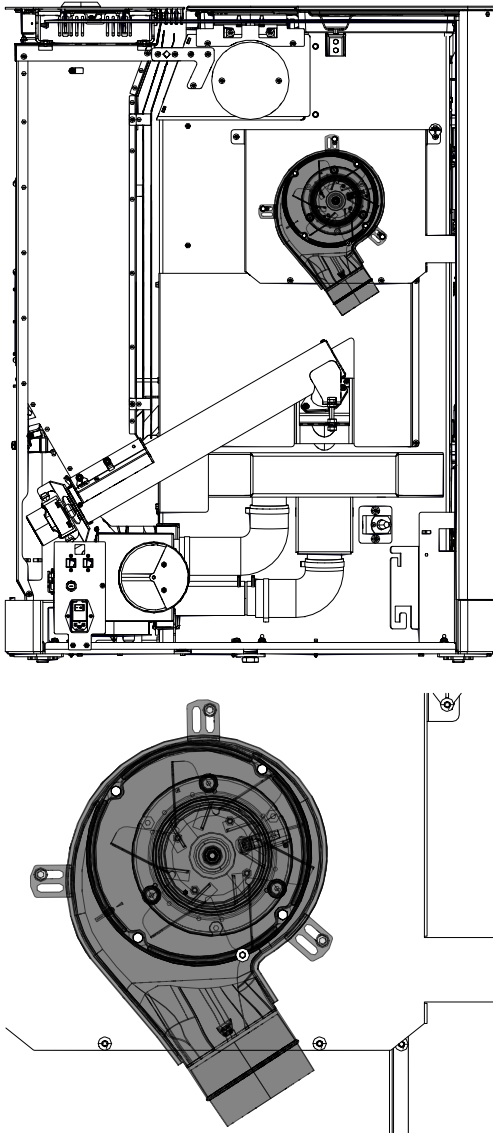


Fig. 21: Removing the rear panel



- 5) Attach air distribution module to the stove and fasten it.
  - ⇒ When doing so, follow the correct installation as shown below.

Fig. 22: Attaching the air module



- 6) Connect to each other the cable from the air distribution module and the cable which leads to the control unit.
  - ⇒ Only one plug needs to be connected to the fan. The second is not used.
- 7) Secure the upper part of the cable with a cable tie.

Fig. 23: Connecting the cables

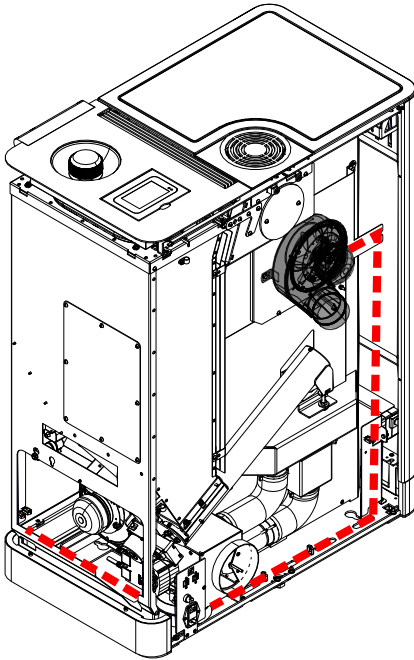
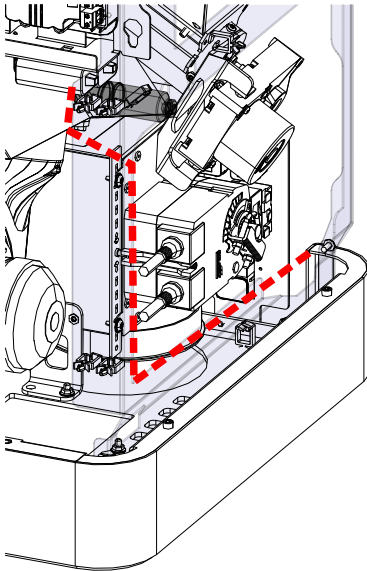


Fig. 24: Laying the cable



- 8) Lay the cable in the stove as shown and fix in some places with cable tie.

- 9) Connect to the capacitor.  
⇒ When doing so it is not important which cable is connected to which connection.
- 10) Fasten capacitor to stove.



Fig. 25: Connecting the cable to the capacitor

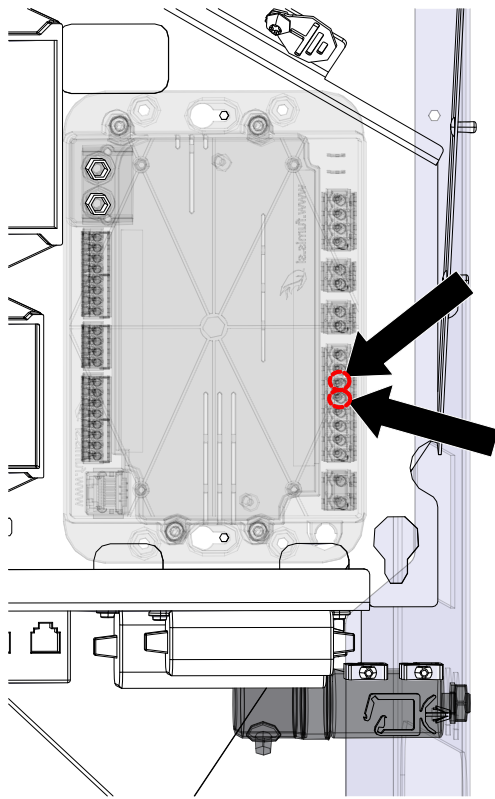


Fig. 26: Clipping on to the air distribution module

- 11) Clip air distribution cable on to the control unit.
  - ⇒ There are two cables (grey and brown) to be plugged in. It does not matter which cable is connected to which connection.
  - ⇒ Connection to position 5+6.

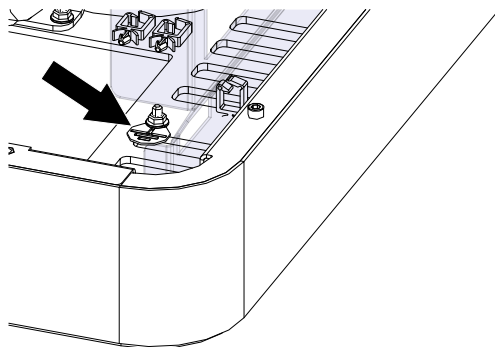


Fig. 27: Connecting the central earth

- 12) Connect central earth.



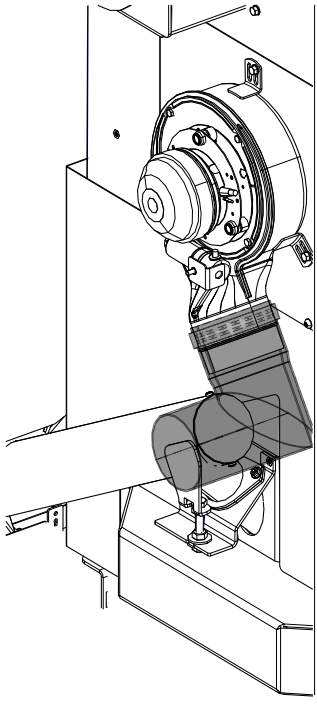


Fig. 28: Placing the pipe

- 13) Place the L-pipe section on to the air distribution module.

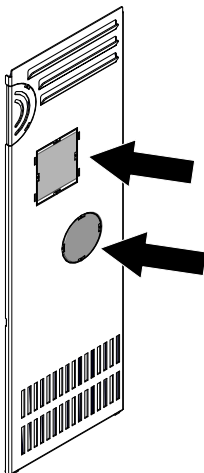


Fig. 29: removing the perforated cut-outs

- 14) Using side cutters, remove perforated cut-outs on the rear panel.

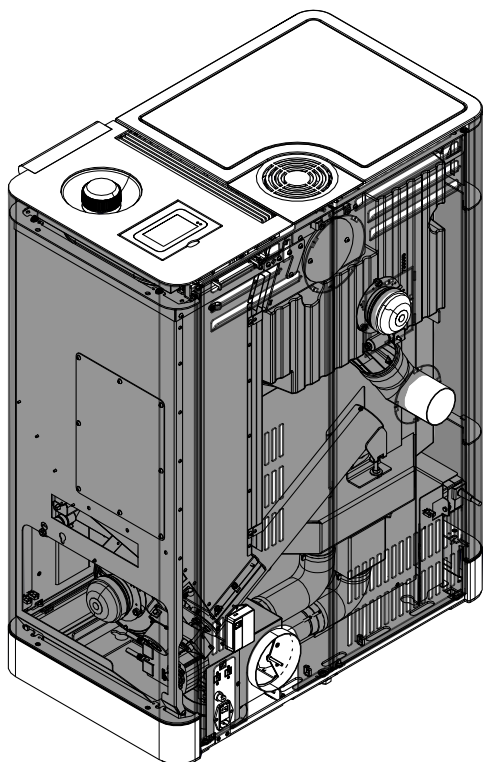


Fig. 30: Reattaching everything

15) First attach the rear panel, then all side cladding in reverse order.

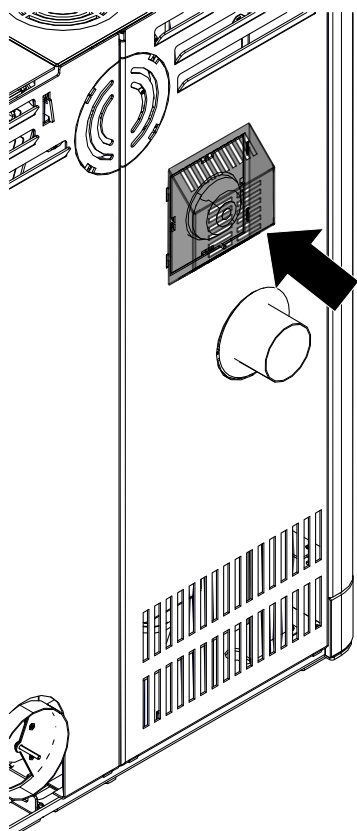


Fig. 31: Attaching the cover on the rear panel

16) Attach cover at the back on the rear panel.

## 4 Clou Duo - installing the air distribution module

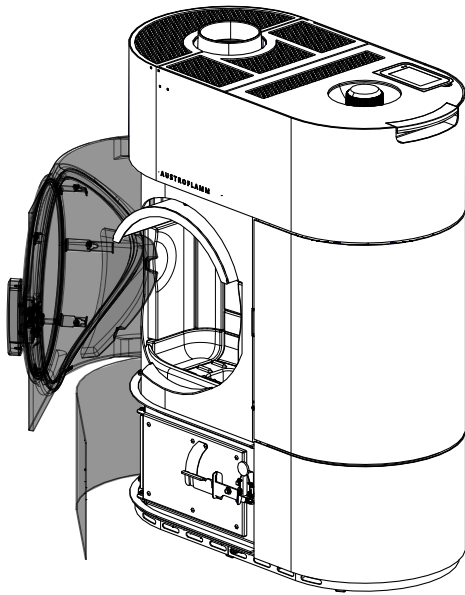


Fig. 32: Opening the doors

- 1) Open both doors.

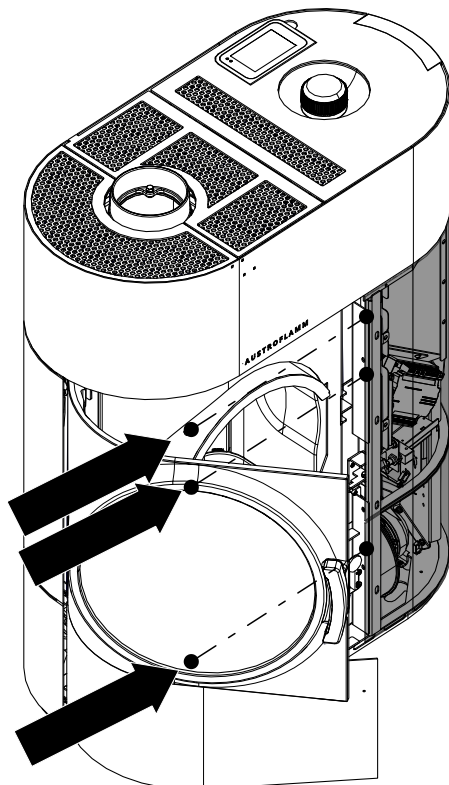
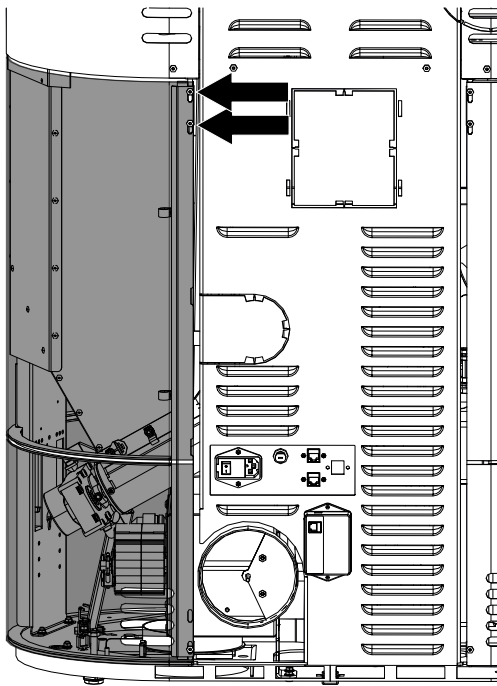


Fig. 33: Undoing the screws

- 2) Undo the screws of the right-hand side cladding from inside.



- 3) On the back at the top undo the screws of the side cladding and push the pin down.
- 4) Remove side cladding.

Fig. 34: Undoing the screws

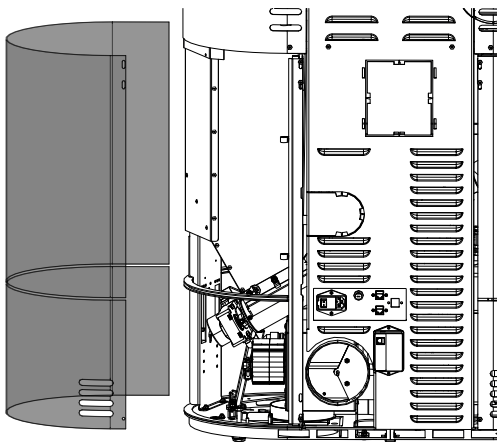


Fig. 35: Removing the side cladding

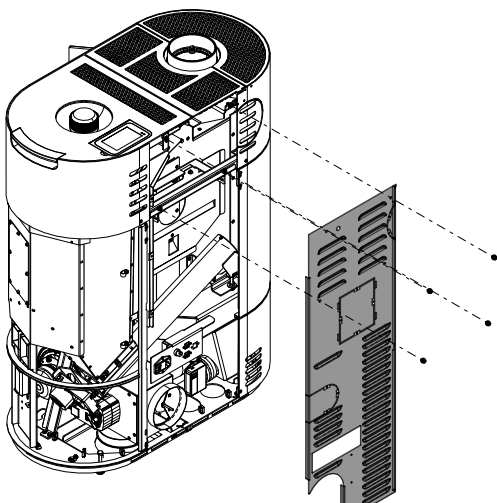
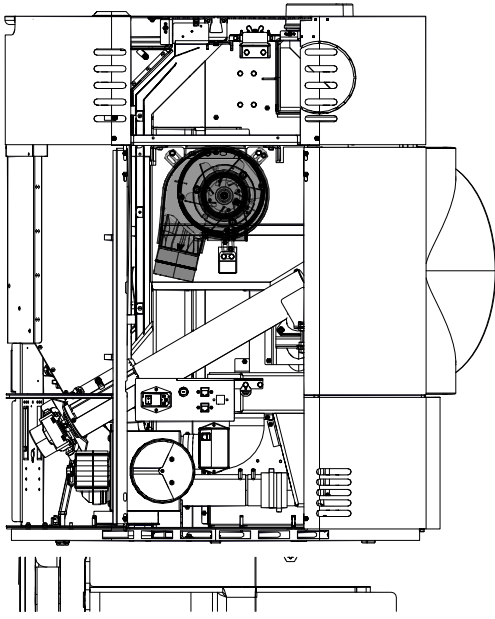


Fig. 36: Removing the rear panel

- 5) Undo the screws from the rear panel and remove the rear panel.



- 6) Attach air distribution module to the stove and fasten it.
  - ⇒ When doing so, follow the correct installation as shown below.

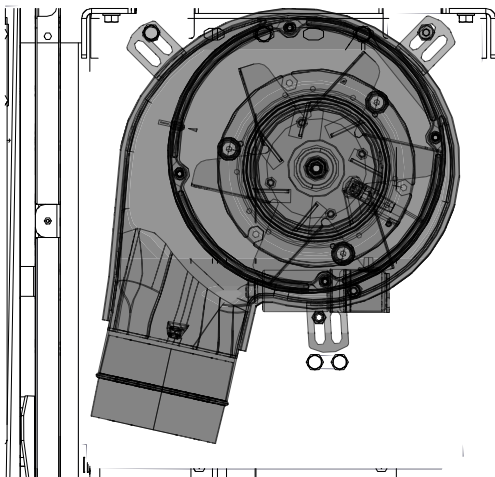
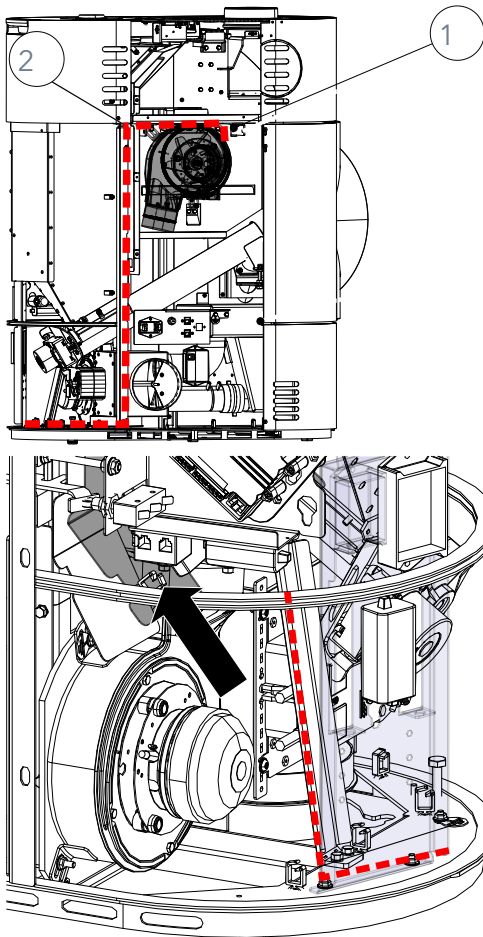


Fig. 37: Attaching the air module



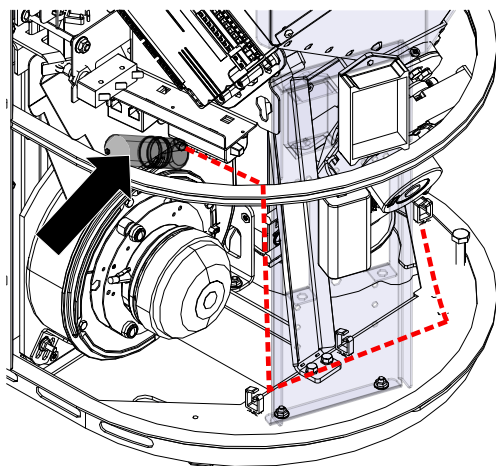
Fig. 38: Connecting the cables

- 7) Connect to one another the cable from the air distribution module and the cable which leads to the control unit.
  - ⇒ Only one plug needs to be connected to the fan. The second is not used.
- 8) Secure the upper part of the cable with a cable tie.



- 9) Lay the cable in the stove as shown and fix to points 1 + 2 with a cable tie.
- 10) As an option a cable clip may be attached at the point shown by the arrow. Remove this cable clip. There may only be a small hole there.
- 11) Rebore this hole so that the capacitor can be attached here.

Fig. 39: Laying the cable and attaching the capacitor



- 12) Connect cable to the capacitor.
  - ⇒ When doing so it is not important which cable is connected to which connection.
- 13) Attach the capacitor at this point.



Fig. 40: Connecting the cable to the capacitor

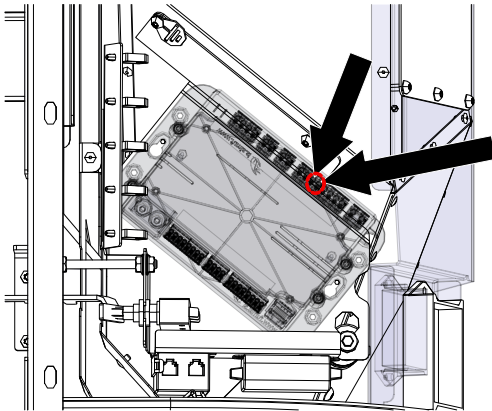


Fig. 41: Clipping on to the air distribution module

- 14) Clip air distribution cable on to the control unit.
  - ⇒ There are two cables (grey and brown) to be plugged in. It does not matter which cable is connected to which connection.
  - ⇒ Connection to position 5+6.

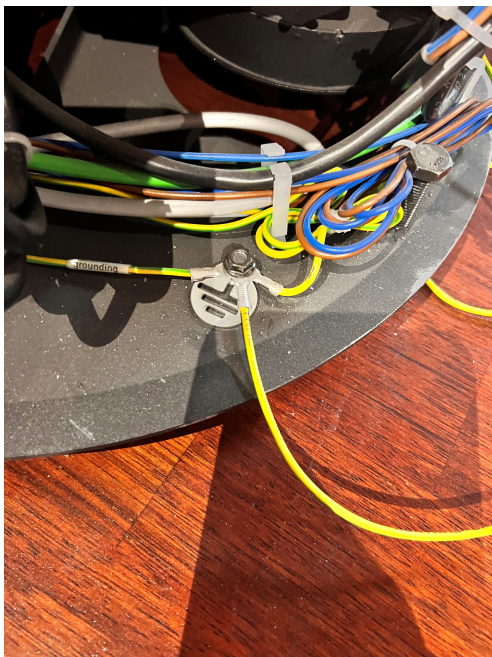


Fig. 42: Connecting the central earth

- 15) Connect central earth.

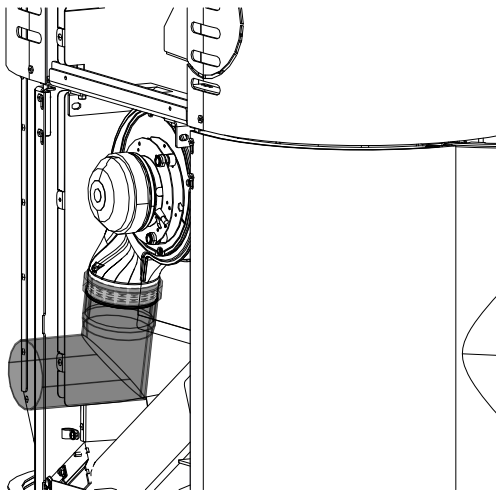


Fig. 43: Placing the pipe

- 16) Place the L-pipe section on to the air distribution module.

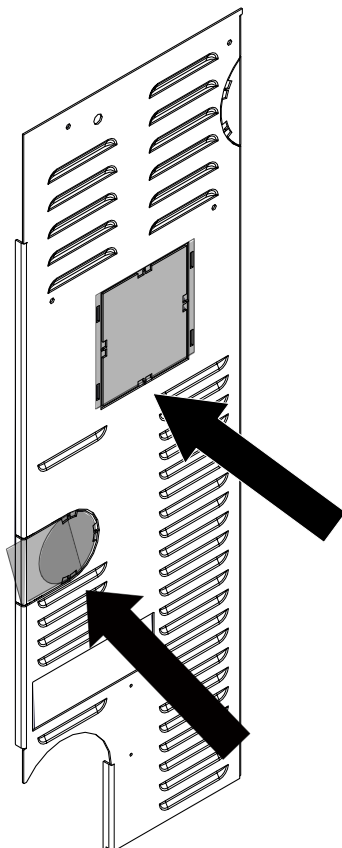
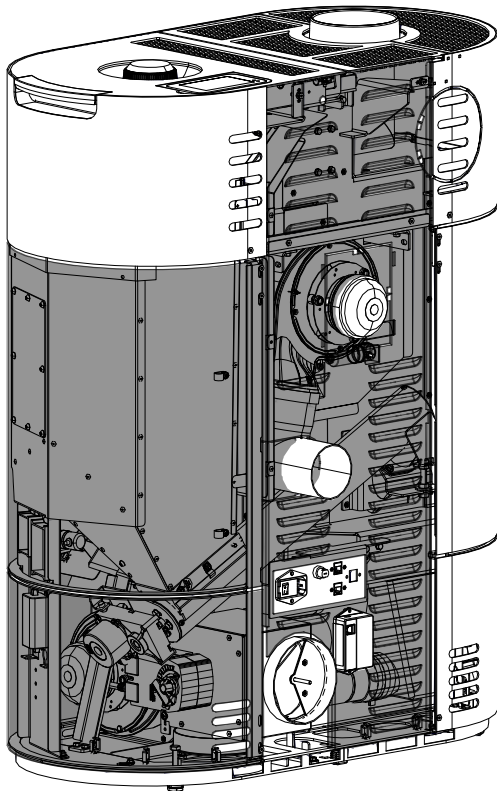


Fig. 44: removing the perforated cut-outs

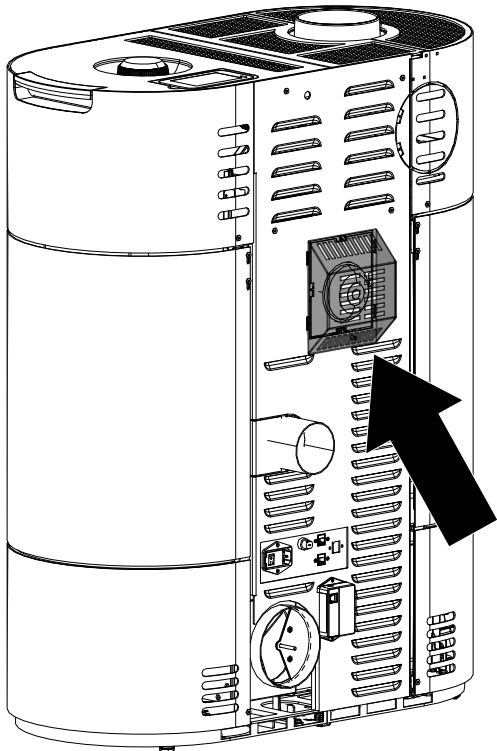
- 17) Using side cutters, remove perforated cut-outs on the rear panel.





18) First attach the rear panel and all right-hand side cladding in reverse order.

Fig. 45: Reattaching everything



19) Attach cover at the back on the rear panel.

Fig. 46: Attaching the cover on the rear panel

## 5 Scotty Duo - installing the air distribution module

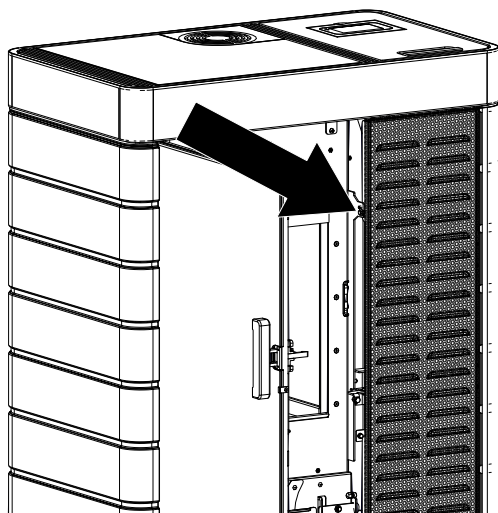


Fig. 47: Detaching the front side cladding

- 1) Open door.
- 2) Undo screw from the front side cladding and remove the side cladding.

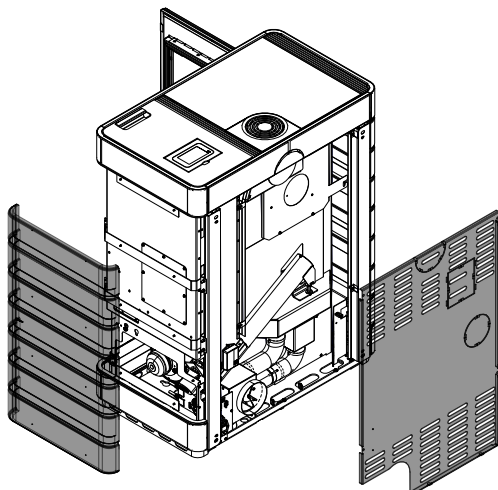
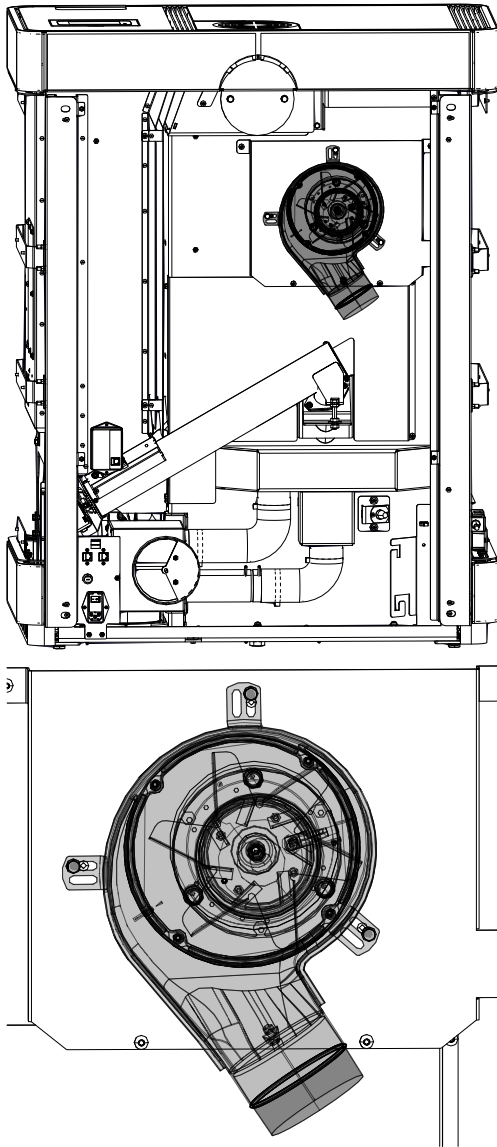


Fig. 48: Removing back and side cladding

- 3) Remove back and right-hand side cladding.



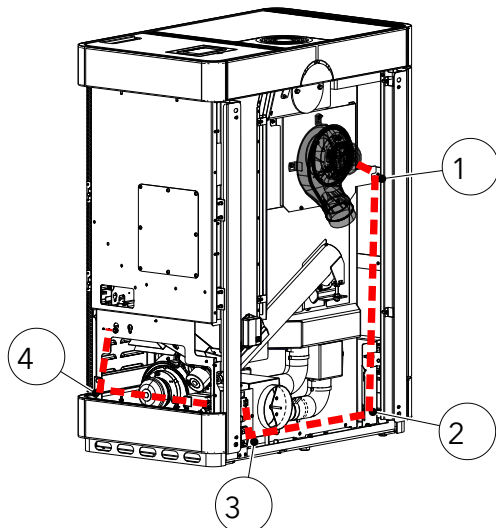
- 4) Attach air distribution module to the stove and fasten it.
  - ⇒ When doing so, follow the correct installation as shown below.

Fig. 49: Attaching the air module



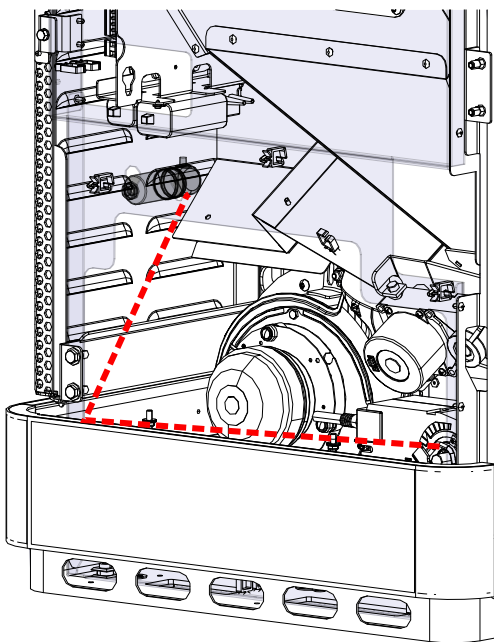
- 5) Connect to one another the cable from the air distribution module and the cable which leads to the control unit.
- 6) Secure the upper part of the cable with a cable tie.

Fig. 50: Connecting the cables



- 7) Lay the cable in the stove as shown and fix to points 1+ 2 + 3 + 4 with a cable tie.

Fig. 51: Laying the cable



- 8) Connect to the capacitor.  
⇒ When doing so it is not important which cable is connected to which connection.
- 9) Attach capacitor at this point.



Fig. 52: Connecting the cable to the capacitor

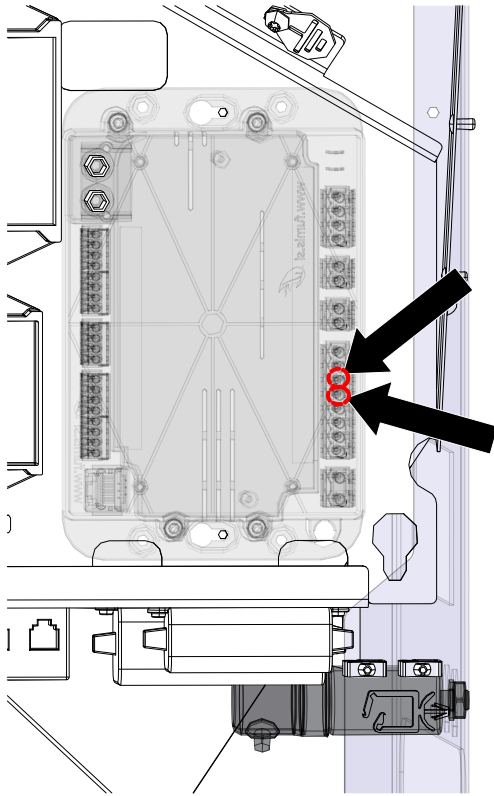


Fig. 53: Clipping on to the air distribution module

- 10) Clip air distribution cable on to the control unit.
  - ⇒ There are two cables (grey and brown) to be plugged in. It does not matter which cable is connected to which connection.
  - ⇒ Connection to position 5+6.

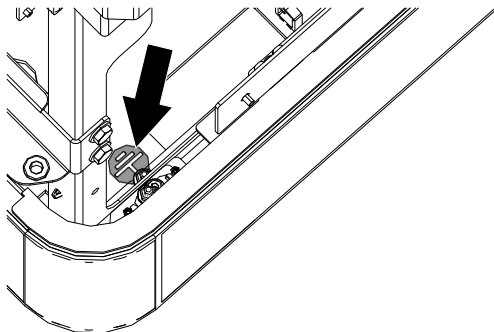


Fig. 54: Connecting the central earth

- 11) Connect central earth.

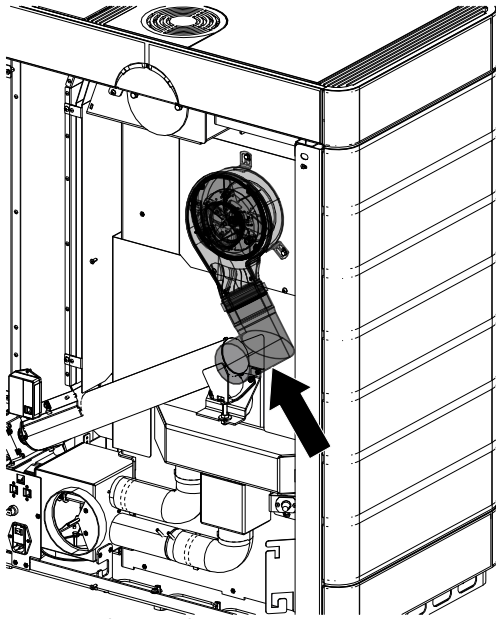


Fig. 55: Placing the pipe

- 12) Place the L-pipe section on to the air distribution module.

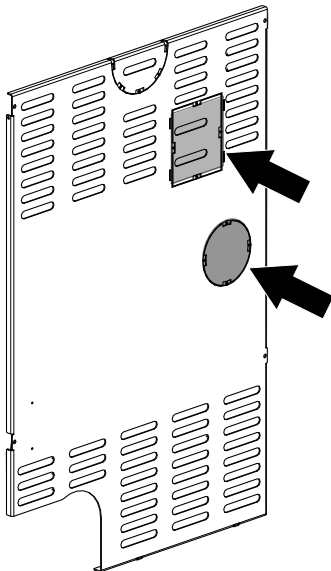


Fig. 56: removing the perforated cut-outs

- 13) Using side cutters, remove perforated cut-outs on the rear panel.

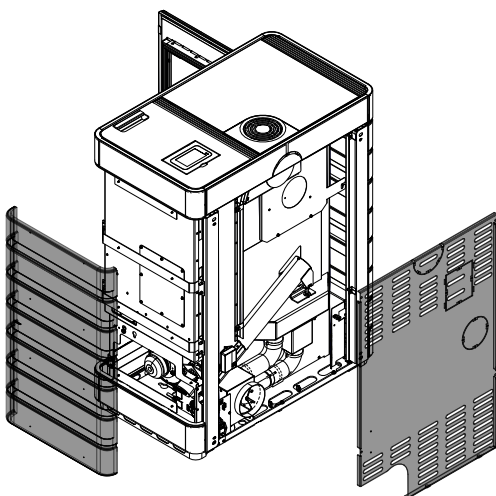
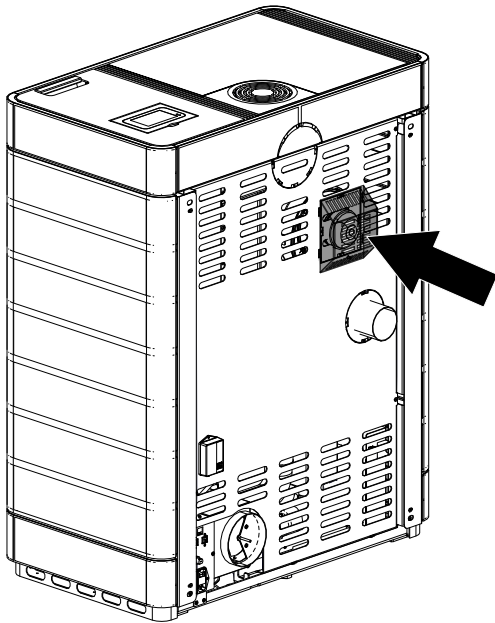


Fig. 57: Reattaching everything

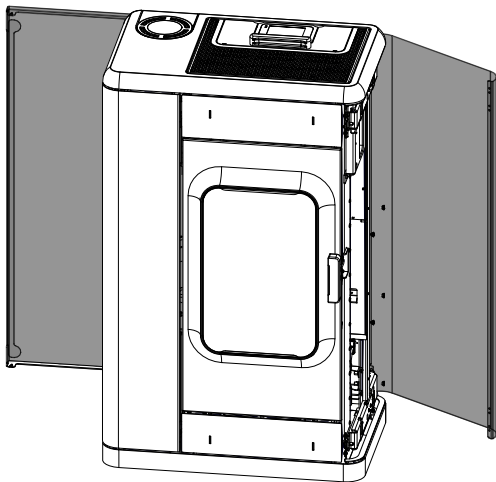
- 14) First mount the rear panel, then the right-hand side cladding.

15) Attach cover at the back on the rear panel.



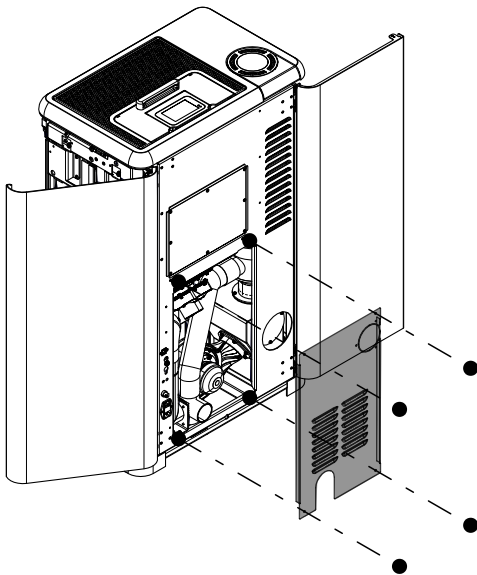
*Fig. 58:* Attaching the cover on the rear panel

## 6 Ruby - installing the air distribution module



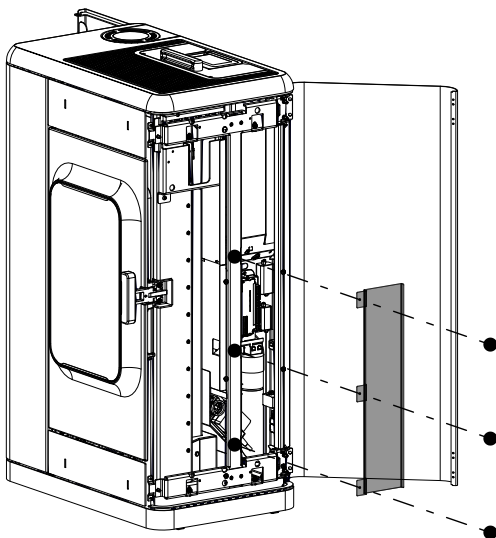
1) Open left- and right-hand side cladding.

Fig. 59: Opening the left- and right-hand side cladding



2) Remove the rear panel.

Fig. 60: Removing the rear panel



3) Detach cover.

Fig. 61: Detaching the cover



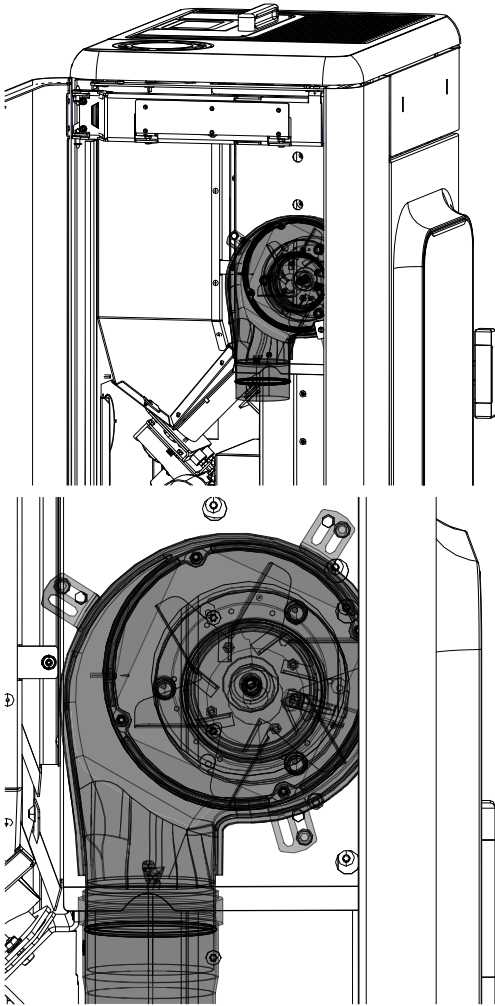


Fig. 62: Mounting the air distribution module



Fig. 63: Connecting the cables

- 4) Attach air distribution module to the stove and fasten it.
  - ⇒ When doing so, follow the correct installation as shown below.

- 5) Connect to each other the cable from the air distribution module and the cable which leads to the control unit.
  - ⇒ Only one plug needs to be connected to the fan. The second is not used.
- 6) Secure the upper part of the cable with a cable tie.

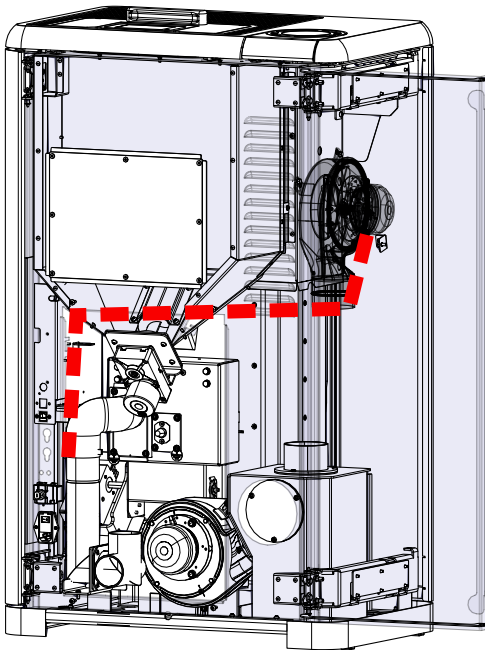
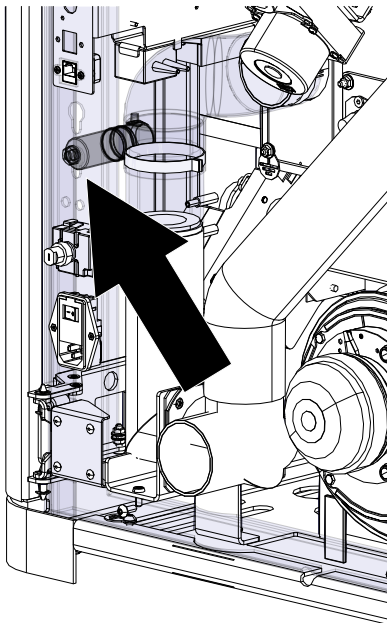


Fig. 64: Pulling the cable through

- 7) Lay the cable in the stove as shown and fix it with cable ties.



- 8) Connect cable to the capacitor.  
⇒ When doing so it is not important which cable is connected to which connection.
- 9) Attach capacitor at this point.



Fig. 65: Capacitor

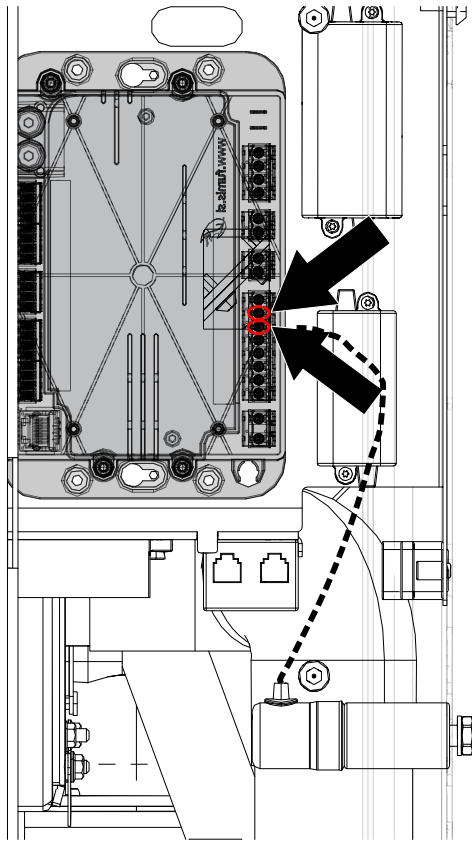


Fig. 66: Clipping on to the air distribution module

- 10) Clip air distribution cable on to the control unit.
  - ⇒ There are two cables (grey and brown) to be connected. It does not matter which cable is connected to which connection.
  - ⇒ Connection to position 5+ 6.

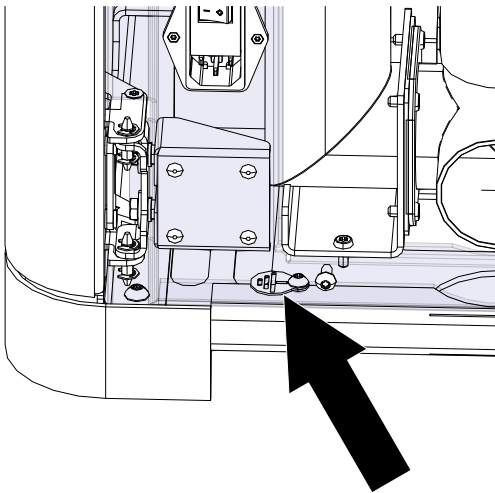


Fig. 67: Connecting the central earth

- 11) Connect central earth.

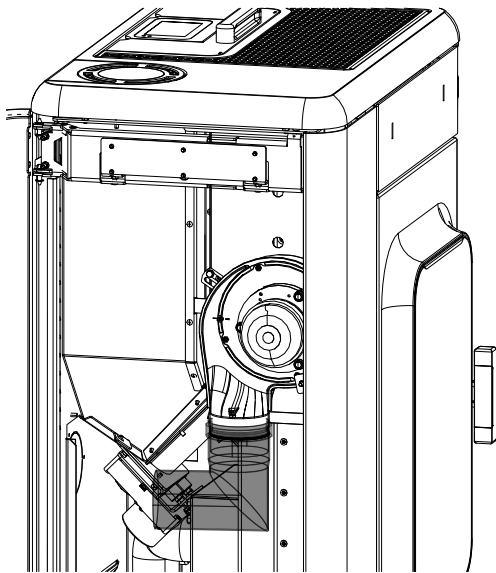


Fig. 68: Connecting to L-pipe section

- 12) Place the L-pipe section on to the air distribution module.

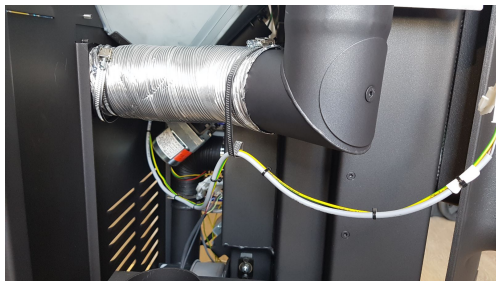


Fig. 69: Attach aluminium flexible hose.

- 13) Attach aluminium flexible hose as illustrated and secure with hose clamps.  
14) The lower cable can be fixed as illustrated, so that it does not dangle in the stove.

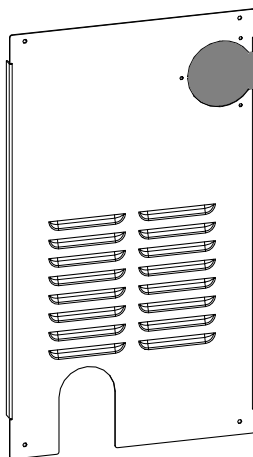
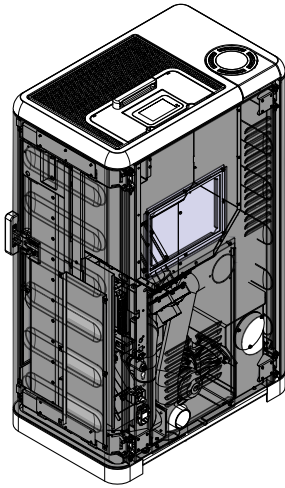


Fig. 70: removing the perforated cut-out

- 15) Using a saw, remove the perforated cut-out on the rear panel.

16) Reattach rear panel and all side cladding.



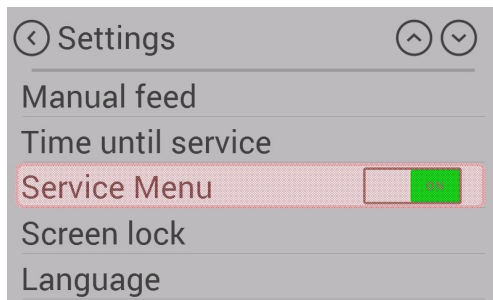
*Fig. 71:* Attaching rear panel and side cladding

17) Mount double connection bracket on to the stove.

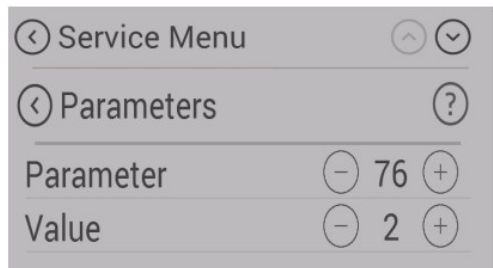


*Fig. 72:* Mounting the double connection bracket

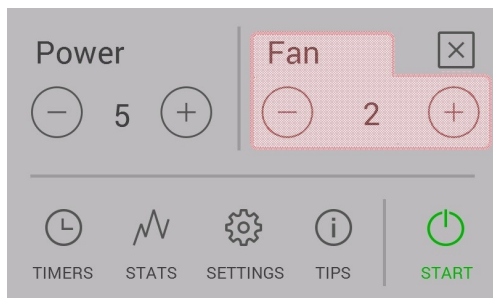
## 7 Software configuration



- 1) To enable the "Air Module" option, select the service menu in the settings.
- 2) Dealers or Austroflamm only: to get into the service menu, please enter the service CODE.



- 3) In the service menu, select "Parameters" and in Parameter no. "76" change the value from 1 to 2.



- 4) Now disconnect the stove from the power supply and start it up again.
- 5) After the stove has been restarted the fan speed can now be selected from the main menu. The fan will only start to turn at a firebox temperature of 200°C.



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