

Vacuum transport

Instalation manual

Vacuum transport is used to move pellets from one place to another by fan. This system can be used for all Biopel boilers, for compact and external tank.

Follow steps below to assemble and use this system properly.



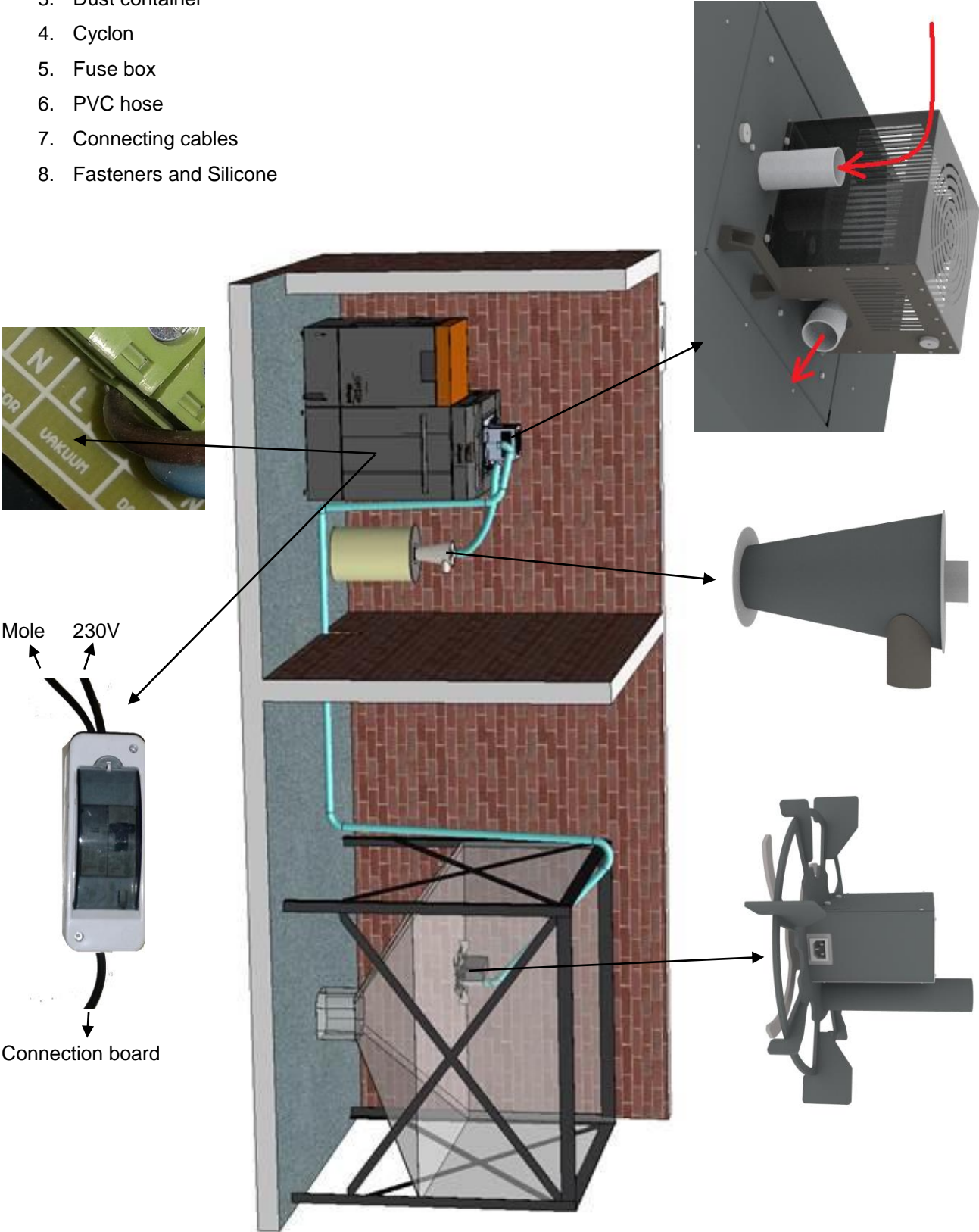
INDEX

1	PACKAGING	3
2	ASSEMBLY	4
3	ACTIVATION	6
4	WARRANTY CONDITIONS	7

1 PACKAGING

In the packaging of vacuum transport you can find parts included in the list below.

- 1. Vacuum container
- 2. Mole
- 3. Dust container
- 4. Cyclon
- 5. Fuse box
- 6. PVC hose
- 7. Connecting cables
- 8. Fasteners and Silicone

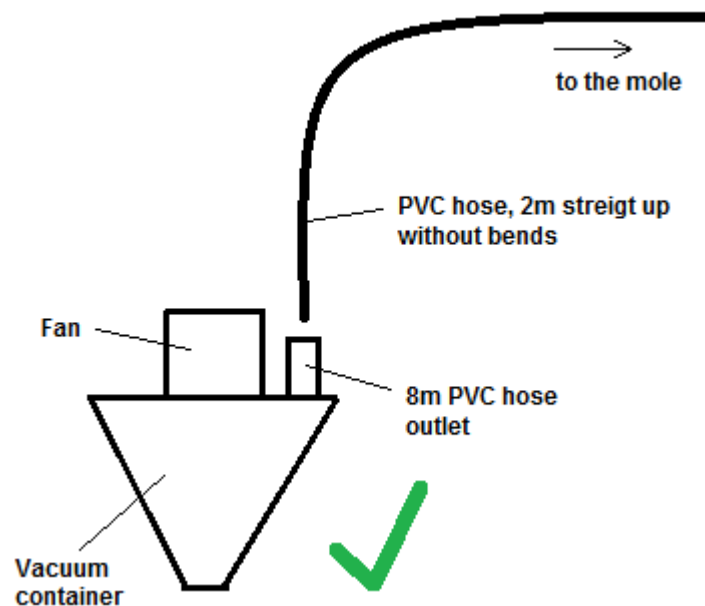


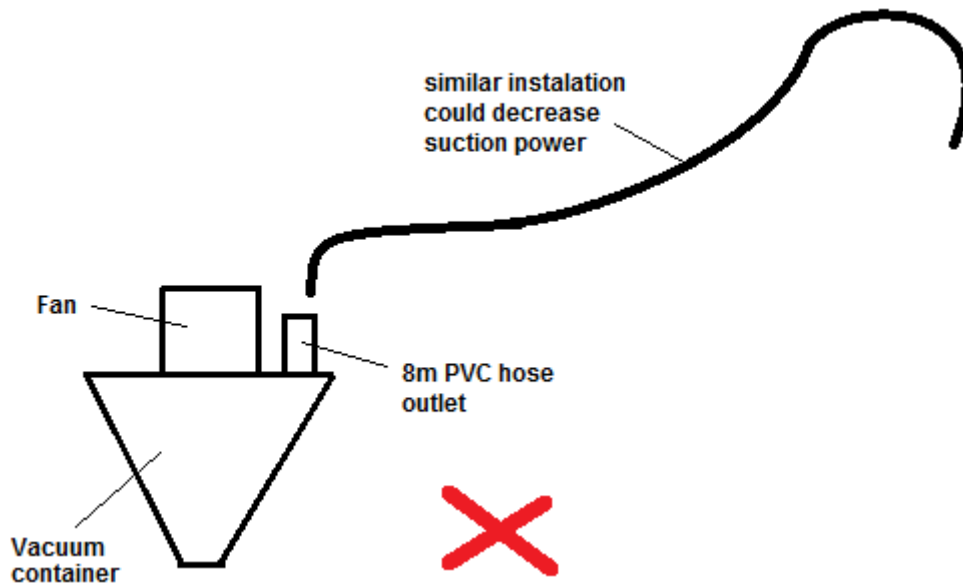
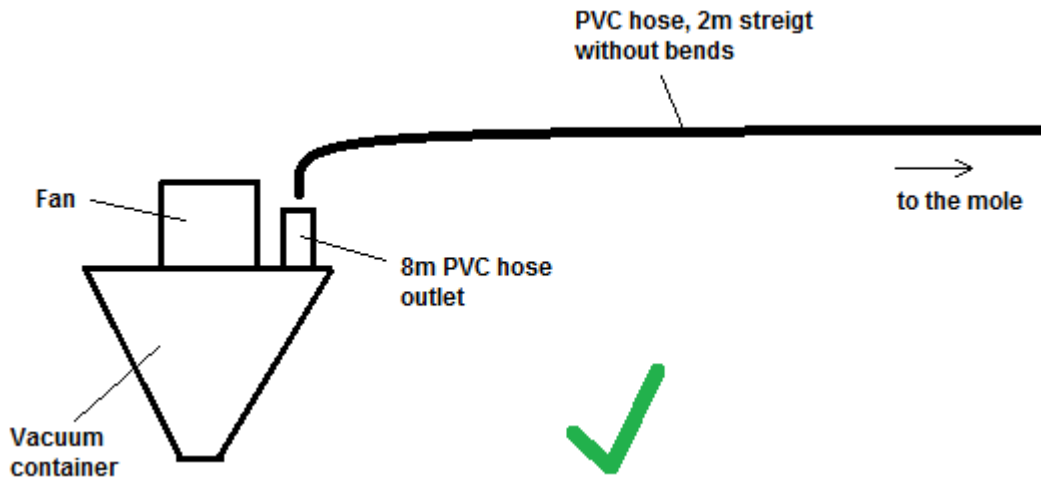
2 ASSEMBLY

Follow all steps below to instal vacuum transport properly.

- Check proper function of the flap located on the vacuum transport. If you open the flap, it must close automaticly and contact has to be switched on when flap is closed.
- Remove top lid of compact tank.
- Insert power supply cable which is located on fuse box (cable without connector or socket) to the holes on the compact tank. You have move this cable trough the compact tank to connect it inside connection board.
- Connect this cable to the connection board, output Vaccum. Do not forget to connect all 3 cables L, N, GND.
- Connect remaining two cables of the fuse box to the power supply socket and to the vaccum container.
- Instal Vacuum container on the top of compact tank.
- Insert mole to the pellet silo and connect it with cable. Connect second end of this cable to the Vacuum container.
- Connect Cyclon and Dust container with connection material and silicon to make sure connection is sealed without any leaks.
- Link Cylon and fan outlet using one part of the PVC hose. We highly recommend to place this container outside the building. There will be some dust coming from the filter so it's better to put dust container outside building. Amounth of dust depends mainly on the pellets quality.
- Attach one end of the second part of PVC hose on the Mole outlet. And second end on the Vaccum container.

It is very important to make proper installation of 8m PVC hose to achieve right suction power. Check pictures below to make this installation properly.





PVC hose installation is the most important part of functional system so pay high attention to this. PVC hose should be secured without possibility to move. We also recommend to attach connection cable from Vacuum container to the Mole by plastic strapping plate to protect the cable against damage.

3 ACTIVATION

Test proper function in Installer settings, Manual operation, activate Vaccum transport. If the flap on the Vacuum container is closed and electric contact closed as well than the fan shoud start.

Go to Installer settings, Vacuum transport and set operational time. We highly recommend to set test times first and check how long it takes to fill up the tank. Than you can set exact running time each day to fill the tank.

When flap is stucked by pellets in the tank and stays open than vacuum transport doesn't work and starts agen when there is lower level of pellets in the tank. However by this solution vacuum transport keeps pellet tank filled up all the time which can be disturbing for you during the day because of the noise of the fan. So this is another reason why setting proper running time is recommended.

- On – activate vaccum transport.
- Off – deactivate vaccum transport.
- Operation time – How long is vakuum transport in function during one day.
- Switch on time – In which time during the day should vakuum transport work.
- Run time – One run time period to fill up vacuum container, we recommend 60s.
- Pause time – One waiting time period to empty vakuum container, we recommend 10s.

Vacuum transport works in cycles. This means that during Operation time transport works in cycles. 1 cycle = Run time (how long there is 230V on the output), Pause time (how long there is NOT 230V on this output).

Mole is turning to draw pellets inside PVC hose. The turning direction is changing. 15s left and 15s right to prevent PVC tube and cables twisting.

4 WARRANTY CONDITIONS

Vacuum transport:

Manufacturer: OPOP spol. s r.o., Valašské Meziříčí, Czech republic

Tel.: 00420 571 675 589, **fax.:** 00420 571 611 225

Warranty conditions:

This warranty certificate includes a certificate of quality and completeness. The manufacturer certifies that the product is inspected and meets its design specifications and EN 303-5. For quality, function and we guarantee the boiler for 24 months from the date of sale to the consumer, no longer than 30 months after expedition from the factory and in a way that demonstrably result of defects due to faulty materials, faulty design, faulty design or removed as soon as at our expense, provided that the boiler:

- it is in normal condition according to the Instruction manual
- is connected to a chimney according to CSN 73 4201:1989
- is not damaged mechanically (no unauthorized interference with the exception of interference allowed in the instructions)
- chimney draught must match the value listed in the table. 2, according to the type of boiler
- consumer complaints submitted with the application of this warranty certificate duly completed
- complying with the manufacturer's instructions for the use of pressure expansion vessels

Note:

When a fault is always necessary to submit the warranty certificate, give the exact address and the circumstances under which the defect occurred. The manner and place of repair will be decided in our company.

Date and stamp of manufacturer: _____

Date of sale: _____

OPOP, spol. s r. o.

Zašovská 750

757 01 Valašské Meziříčí

Bank details:

Komerční banka a.s., account no.:1608851/0100

Reg. no.: 47674105, VAT no.: CZ 47674105

Phone: Sales Dept: 571 675 589, Secretariat: 571 611 250, Production: 571 675 405

Sourcing: 571 675 114, Finance: 571 675 472

Fax. 571 611 225
