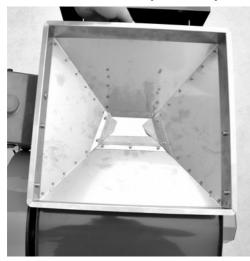


Pollen dry cleaner User's manual

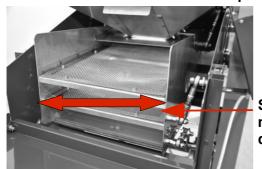
Please read this manual prior to commencing any work. Pollen should be cleaned (free from contamination) before drying.

Pollen dry cleaner consists of:

1. Upper container where the pollen is poured into



2. Movable double sieve that cleans the pollen



Sieves' moving direction

Working sieves are moving sideways (back and forth) which makes pollen cleaning much easier

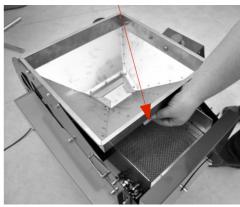
3. Centrifugal fan producing wind force and controller enabling to adjust sieves' velocity.



Electrically powered fan generates a blow which throws the contaminated debris out of the sieves. Pollen falls down onto an inclined plane located in the bottom part of the cleaner.

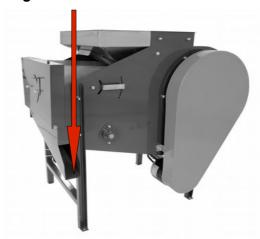
One needs to put a contact-with-food certified container underneath the outlet.

4. Pollen's intake speed regulation



Use the handle underneath the container to adjust the throughput of pollen (to increase or decrease the opening the pollen is served through)

5. Contaminated debris falls out of the sieve by sliding outside.

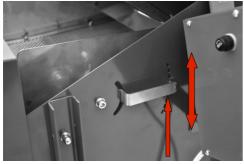


6. Sieves' inclination adjustment



Loosen the screw located just behind the inclination adjustment to change the level the sieve is fixed at as per photo above. Having done so, do not forget to tighten the bolt!

7. Sieves' angle of inclination adjustment.



Use the handle located next to the controller to adjust the angle. This can be done by moving the handle upwards or downwards.

8. Getting started



Correct way of getting the pollen dry cleaner started (lid up)



Incorrect way of getting the pollen dry cleaner started (lid down)

9. Maintenance

- Unplug the device before performing any maintenance!
- After each use wipe it thoroughly with damp microfibre cloth (both the device as well as sieves)

- Once dry, secure the device and store it indoors.
- This device has been designed to be used indoors only!



Electrics - Safety Issues

- 1. Electricity supply must be fitted with a residual current device with a rated tripping current not exceeding 30mA The operation of the over-current protection needs to be checked periodically.
- 2. Check the condition of the cord periodically. If the supply cord is damaged and needs to be replaced, this function should be performed at the guarantor or by special service or by a qualified person in order to avoid danger. Do not use the device if the power cord is damaged.
- **3.** Please make sure that controller is switched off before plugging in the device. Power switch should be set to "0" position.
- **4.** Make sure that dryer's nominal voltage is in line with electricity supply's voltage.
- **5.** Pay extra care whilst plugging the device in. Hands must be dry! Place on dry surfaces only!
- **6.** Prior to commencing work, make sure that the "STOP" emergency button is switched off. It should be turned so that it pops out. Pressing the "EMERGENCY STOP" button will result in the immediate stop of the pollen cleaner.
- 7. Do not move or adjust the machine whilst in use.
- **8.** Protect your engine and controller against moisture (also while storing)
- **9.** Pulling the cord is strictly forbidden. Keep the cord away from the sources of heat, sharp edges and ensure it is in good condition



Safety

- 1. This device is not designed to be used by persons (including children) with limited physical, sensual or psychological abilities or persons who do not have experience or knowledge of the device unless it is done under supervision and according to the user manual passed by persons responsible for their safety. Keep away from children!
- 2. In case of damage, in order to avoid hazard, repairs can only be carried out by a special service or a qualified person.
- **3.** Do not perform any maintenance nor attempt to remove any faults whilst the device is in motion or plugged in.
- **4.** All covers must be securely affixed to the device.

- **5.** Should any hazard arise, press the emergency button immediately. Once danger has been eliminated, the device can be restarted.
- **6.** For indoor use only! Not to be used outdoors!
- 7. Do not power the device on nor store it if the ambient the switch. temperature falls below 0° C.
- 8. This device should not be powered up if the ambient temperature is below 5° C. Prior to powering the device up and when the device has been moved from the area with lower temperature to the area with higher temperature, wait until it reaches the temperature of the surroundings.



Repairing whilst in motion prohibited!



Removing covers whilst in use strictly forbidden!

Controller's parameters



The controller has been equipped with a main "0/1" switch to turn the device on/off as wells with the large, red. round "EMERGENCY" button to immediately terminate the work of the device and a 5A fuse located underneath the "0/1" switch.

Control panel is equipped with "PLUS", "MINUS" navigation buttons and "STOP" button

1. Controller's features:

The controller has been implemented with factory settings. However, the voltage varies across the network (230V). You can adjust controller's settings to the voltage observed within the network by using L and h parameters.

Parameter L – to set basket's minimal rotational speed Parameter h – to set basket's maximal rotational speed. The controller then divides the interval of given

parameters into 10 steps (programmes 0-10).

2. Controller – getting started:

Having plugged the device in, set the controller to "1" on

The controller will launch self-diagnosis' sequence signalled by the blinking "0"

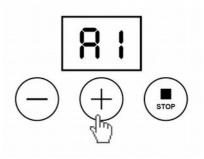


Once complete, the controller would enter into standard work mode, awaiting user's action.

Digit "0" will then be then on the LCD screen.

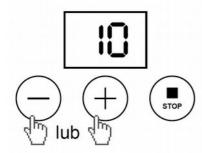
3. Pollen dry cleaner start up sequence:

To start the pollen dry cleaner, make sure that "EMERGENCY" Stop Button (large red button located on the top of the controller) is not pressed in; switch the 0/1 button into "1" position and start the cleaner by pressing the "PLUS" button.

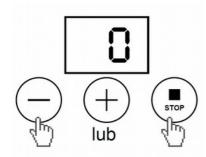


First press of "PLUS" button will cause the device to boot. The controller will launch with more power to be decreased gradually as per customised settings. Letter "A1" will be displayed respectively.

By sequentially pressing "PLUS" or "MINUS" buttons the velocity of pollen cleaning within the range from 1 to 10 can be adjusted, as per photo below.



To stop the cleaner press the "STOP" button or alternatively press "MINUS" button repeatedly. Standstill is signalled by a digit "0" as per the graph below.

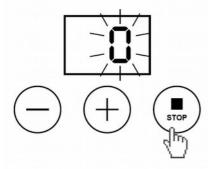


4. Controller set-up:

If powering up the cleaner does not result in commencing of the cleaning process, the controller's configuration needs to be set up.

To do so, press the "STOP" button, turn the device off by moving the switch into "0" position, wait a while and restart the device.

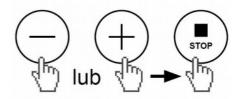
Blinking "0" will appear. Press "STOP" whilst it blinks until message "Pr" (programming) appears.



Change of current controller's settings can be done by changing 2 parameters: "L" and "h".

To change these parameters press "PLUS" or "MINUS" accordingly.

To confirm the change press the "STOP" button.



I parameter "L" (range from 0 to 9, la, lb, lc, ld...TJ. 10,11,12,13...) - that is the initial velocity.
I parameter "h" (range from 0 to 5) – that is maximum (final) velocity.

To start the device press the "PLUS" button

5. ERROR CODES

- E1 (Error) internal fault of microprocessor controller
- E2 (Error) synchronization circuits with power supply malfunction
- E3 (Error) line short circuit /
 - (–) button pressed
- E4 (Error) line short circuit /
 - (+) button pressed
- E5 (Error) line short circuit / (STOP) button pressed
- E6 (Warning) controller's configuration deleted