

ROBOTIC VACUUM CLEANING

TRAINING GUIDE



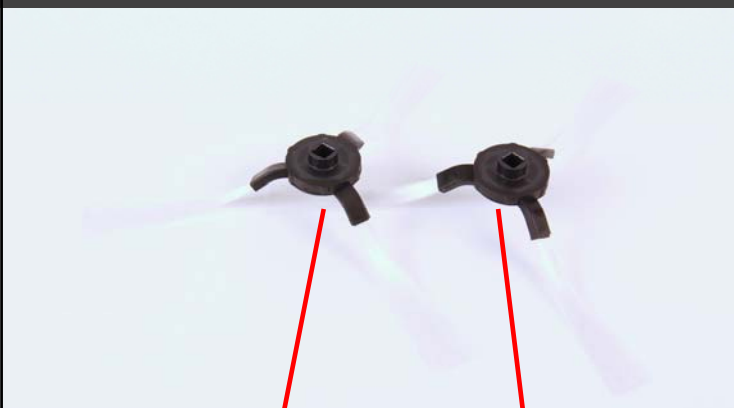
THE
PERFECT
LITTLE COMPANY

Meet Abbee

KEY FEATURES

- Industrial medium size unit
- 90 - 150 mins battery life (depending on battery version installed)
- Battery power 14.4 volts
- 80% battery life recharged in 20-30 minutes
- Rotary brush fitted to clean corners and edges
- Low noise compared to traditional vacuum cleaners
- Infra-red detection to avoid major obstacles
- Stairs and drop detection
- Complete with mop functionality for hard surfaces





ASSEMBLING ABBEE

- Remove Abbee from her packaging and place her on her back to insert her side brushes.



- There is a R (right) and an L (left) next to each spindle on the back of Abbee and there is a R (right) and L (left) on each of the side brushes - it is important that the brushes are fitted onto the corresponding spindle for Abbee to work most effectively.



- Remove the foam that has been inserted to protect Abbee's bumper.



- Abbee is now fully assembled and ready to charge. Repeat this process with all new Abbees and when changing / replacing her side brushes.



The Hive 10 Trolley

- The Hive 10 trolley provides a complete solution for your cleaning process. It holds 10 Abbees for easy transportation and distribution around the rooms they are required to work in.
- The trolley also provides a storage system as well as doubling up as a charging station with 10 charging points (one for each Abbee) and only requires a single mains plug socket.
- The Hive Trolley is exclusively designed, owned and manufactured by The Perfect Little Company in the UK.



THE HIVE TROLLEY

- The trolley will arrive unloaded. Once the Abbees are assembled, switch them to ON using the red button on the side.
- Starting from the bottom shelf, reverse each Abbee onto the shelf until her back wheels drop into the slots - Abbee's top sensor should be facing out.
- Plug the corresponding charging cable into the side of each Abbee.
- Once all Abbees have been loaded onto the trolley, plug into an electrical mains socket to begin charging all 10 Abbees. A full charge will take 4-5 hours.
- There are two useful boxes at the top of the trolley that can be used to store virtual walls, black bags, cloths, mop attachments, spare brushes etc..

A MAXIMUM OF TWO TROLLEYS SHOULD BE CHARGED PER SINGLE 13AMP MAINS SOCKET TO AVOID OVERLOADING



PRE-CLEANING

Before any cleaning takes place, the following must be completed:

- Cleaning employee training.
- A risk assessment.
- Removal of obstacles that may obstruct the robotic vacuum cleaners.
- Caution signs distributed in all cleaning areas.
- Cleaning employees should be aware of their companies manual handling policy and apply these principles when using the Hive Trolley Cleaning System.

For further advice and guidance please visit:
<http://www.hse.gov.uk/pubns/indg143.pdf>

CLEANING

- Once all Abbees are fully charged, it is time to put them to work.
- Unplug all Abbees and place them on the floor.
- If Abbee's screen is blank, press CLEAN/OK twice. If her screen is on, press CLEAN/OK once.
- If Abbee is in set-up mode, switch her off and on using her red button to reset.
- To stop Abbee, press CLEAN/OK.
- If you are using a remote control - press ON/OFF to start Abbee and again to stop her.
- At the end of the cleaning period, collect all Abbees for emptying – see EMPTYING page 8.
- Once all Abbees are emptied, return them to the trolley and place the trolley on charge.





EMPTYING

- Once the cleaning cycle has been completed, all Abbees will need to be emptied of debris / dirt.
- Press PUSH on the cover on top of Abbee.
- Using the handle, remove the dust box and undo the clip at one end.
- Remove the primary filter using the tab on top – you may want to hold over a bin as you do this in case some contents escape.
- Empty contents into bin.
- Make sure the white flap in the dust box is pushed down before re-inserting the primary filter.
- Close the dust box lid and re-insert into Abbee placing her cover back down.

MAINTENANCE



- At least once a week, Abbee's main brush will need to be removed and cleaned.
- Turn Abbee upside down and undo the brush clip on the right hand side to lift the main brush out.
- There are a couple of push clips at the top of the brush that need to be released in order to remove the brush cover and gain access to the roller.
- The brush can then be fully removed from it's casing by releasing another clip on the left hand side.
- Remove all dirt that has become stuck in the brush and any hair that has wrapped around the roller – you may need to use some scissors.
- Line up the white end of the roller so it is square with the recess under the clip to reinsert it into its casing.
- Replace the cover and insert back into Abbee – you may need to give the brush a slight twist to get it to go back in.



MOP ATTACHMENT

- Place the microfibre cloth onto a flat surface with the white side facing up.
- Push the mop attachment onto the cloth so it sticks to the Velcro.
- Turn over and open the rubber tab on the mop attachment to fill with de-ionised / distilled water (to avoid scaling). Close rubber tab.
- Hold the mop attachment so the thin edge of the water tank faces the ceiling and give it a quick tap to release any air bubbles.
- Attach the mop attachment to the bottom of Abbee using the corresponding inserts.
- Press CLEAN/OK to start
- Once cleaning is complete, remove the mop attachment.
- Peel the cloth away from the attachment and empty out any remaining water from the tank.

DO NOT PUT ABBEE ONTO THE TROLLEY WHILST THE MOP IS ATTACHED



ERROR CODES

Sometimes Abbee will display a fault code, here is what you need to know:

- A fault code beginning with a C: Battery is low, needs charging.
- A fault code beginning with a L: Something is blocking either one of the brushes or wheels. If it is the wheels, Abbee also gives a verbal detail of "wheel overload."
- For all other fault codes, switch Abbee off and on again using her red button.
- For further assistance please call The Perfect Little Company at their head office: 01865 689 004.



ANY QUESTIONS?

By signing below, I agree that I have read and understood the content of this Robotic Vacuum Cleaner training guide.
I also confirm I have read, understood and implemented the risk assessment relating to the use of Robotic Vacuum Cleaners.

Name	Department/ Job Title	RVC Training Guide (please tick)	Health & Safety (please tick)	Signature	Date
Eg: A Bee	Hive Building / Cleaning Operative	✓	✓	<i>ABee</i>	01.01.18

Company Name:

Site (if applicable):