

INSTRUCTION MANUAL

Original
Instructions

Compax One™



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PRODUCT SAFETY

YOUR SAFETY AND THE SAFETY OF OTHERS ARE ESSENTIAL.

Compax Solutions has provided important safety messages regarding the Compax One™ in this *Instruction Manual*. Always read and obey all safety instructions. **Read all instructions before installing the Compax One™.**



This is the safety alert symbol.

This symbol alerts you to potential hazards that can injure or kill you and others.

All safety messages will follow the safety alert symbol and the word “**WARNING**” or “**DANGER**”.

⚠ WARNING Can result in death or serious injury if the given instructions and messages are not followed.

⚠ DANGER Can result in death or serious injury if the given instructions and messages are not followed immediately.

All safety messages contain information on what the potential hazard is, how to reduce the chance of injury, and the possible consequences of not following the instructions.

IMPORTANT SAFETY INFORMATION

⚠ WARNING When using electrical appliances, like the Compax One™, basic safety precautions should always be obeyed, including the following:

- Close supervision is necessary when used by or near children. Do not allow the Compax One™ to be used as a toy.
- Do not hang, climb, sit, or lean onto the Compax One™.
- Do not touch moving parts.
- Do not operate with a damaged cable set, plug, motor, suction device, or with damage in any manner.
- Only use intendedly and as described in this manual.
- Only use attachments and accessories recommended by the manufacturer.
- Do not load and compact toxic, flammable, or explosive materials of any kind.
- Do not load and compact hot or burning items.
- Do not overload the Compax One™.
- Do not take apart or disassemble the Compax One™. Incorrect reassembly can cause dangerous situations leading to e.g., electric shock or damage to appliance.
- Handle loaded waste bags with care. Sharp and pointy objects can pierce the bag and cause injury.
- Do not overload waste bags with heavy materials such as glass or metal pieces.
- The Compax One™ is intended for use in areas of residential, commercial, and light industry environments only.
- The Compax One™ must be properly connected to protective earth.
- Unplug the Compax One™ before servicing or making any repairs.
- Do not modify the plug attached to the Compax One™, use only with a grounded receptacle.

NOTE: All service and repairs must be performed by qualified or trained personnel.

⚠ WARNING To prevent hazard of electrical shock, the Compax One™ must be installed and grounded in accordance with the information provided in the *Product Installation* section, before it is used. Consult a qualified electrician if you are in doubt as to whether the Compax One™ is properly connected to protective earth.

- Follow national or local prevailing electric codes and ordinances. This appliance must be supplied with mains power of 220-240 V at a frequency of 50-60 Hz and connected to an individual, grounded branch circuit protected by a suitable circuit breaker or fuse.
- If the electric supply provided does not meet the above requirements, contact a licensed electrician.
- Using a separate circuit serving only the Compax One™ is recommended.
- Do not use an adapter plug or an extension cable with the Compax One™.
- Do not, under any circumstances, cut or remove the protective earth wire from the power cable, or cover the grounding areas on the power plug or receptacle.
- The Compax One™ is equipped with a cable having an equipment grounding conductor and a grounded plug. The plug must be inserted into an outlet that is installed and grounded in accordance with national or local prevailing electric codes and ordinances.
- Do not modify the plug appurtenant to the Compax One™. If it does not fit the outlet installed, have a compatible outlet installed by a qualified electrician.

READ AND SAVE THESE INSTRUCTIONS

PROPER INSTALLATION AND MAINTENANCE

⚠ WARNING The Compax One™ must be installed and positioned in accordance with the information provided in the *Product Installation* section before it is used.

The Compax One™ must be maintained in accordance with the information provided in the *Product Care* section.

PINCHING HAZARD

⚠ WARNING The Compax One™ consists of several moving parts, some of which are operated automatically. This implies that a pinching hazard may occur in some relevant cases. Therefore, Compax Solutions strongly recommend all personnel to keep their hands and other body parts clear during operation of the Compax One™.



ELECTRIC SHOCK HAZARD

⚠ WARNING The Compax One™ consists of several electrical components and is connected to the mains power network supplying 16 A and 220-240 V at a frequency of 50-60 Hz. This implies that an electrical shock hazard may occur in some relevant cases. Therefore, Compax Solutions strongly recommend all personnel interacting with the appliance to be aware of the consequences of misuse, and faulty grounding of the Compax One™, in particular.

IMPORTANT: Observe and comply with all governing codes and ordinances.



NOISE EMISSION

The maximal A-weighted sound pressure level of the Compax One™ is 72.2 dB(A).

NOTE: This value is the average maximal peak noise emitted from the Compax One™. It is well within the EU regulations and lasts for less than 30 seconds at a time.

This noise is emitted from Compax One™ during waste compression, only. Due to the autonomous nature of the Compax One™, the default settings prevent initiation or continuation of a compression cycle when movement is detected. Hence, the Compax One™ will be separated from users or other personnel by at least one layer of noise obstruction. However, in some customer specific cases, this may not be relevant.

READ AND SAVE THESE INSTRUCTIONS

PRODUCT INFORMATION

ABOUT THE COMPAX ONE™

The Compax One™ is a smart waste bin, which automatically reduces waste by up to 15 times its original volume by use of a unique vacuum technology. The Compax One™ is mainly intended for compaction of paper towels but is nonetheless capable of compacting most general waste. The Compax One™ is equipped with sensors that monitor the waste fullness level and detects motion. As paper waste is loaded into the Compax One Original Bag™, the appliance trigger and initiates a compression cycle automatically as soon as the waste fullness level exceeds $\frac{3}{4}$ and the room is cleared.¹ The motion detector is mainly implemented to ensure the safety of users and other personnel, in addition to availability of the product. Hence, the Compax One™ is always ready for accommodating waste.² Additional safety is implemented through sensors monitoring resistance and abrupt movement during opening and closing of the lid. If there is too much resistance, i.e., something is hindering the lid movement, the operation is aborted and reversed.

OVERALL FUNCTIONALITY

During a compression cycle, an electrically operated lid rotates down and seals off the Compax One Original Bag™ before the internal air is evacuated and the content thereby compacted as vacuum is attained. The overall functionality of the Compax One™ is here provided through the six stages of a compression cycle.

STAGE 1: OPEN CONFIGURATION

The Compax One™ is in normal or stand-by mode with the lid open, ready for accommodation of waste. The appliance is used in the same way as a regular waste bin.



STAGE 2: CLOSING CONFIGURATION

In order for the Compax One™ to initiate a compression cycle, the waste fullness level must be triggered. The electrically operated lid then rotates down to seal the Compax One Original Bag™.



STAGE 3: CLOSED CONFIGURATION

To ensure sealing of the waste bag, a gasket is attached on top of the bag holder device. When the lid reaches the closed position, the Compax One Original Bag™ is sealed between the gasket and the lid, and evacuation of the internal air is initiated.



STAGE 4: COMPRESSING CONFIGURATION

When the Compax One Original Bag™ is sealed, the air is evacuated from the bag. The shape and design of the lid ensures a smooth distribution of the airflow, thus preventing clogging of the system. Access to the internal electronics is impeded by a cover closing the accommodation hole during compression.



STAGE 5: OPENING CONFIGURATION

After approximately 70 seconds,³ when the waste is thoroughly compressed, vacuum is released, and the Compax One Original Bag™ is no longer sealed. Ambient pressure is let back into the waste bag, the compressed waste falls to the bottom of the waste bag, and the lid rotates back up to the upper position.



STAGE 6: OPEN CONFIGURATION

The Compax One™ is now back in normal or stand-by mode with the lid open. Hence, the Compax One™ is ready for additional accommodation of waste.



NOTE: For the Compax One™ to function properly and as intended, the disposable Compax One Original Bag™, must be installed correctly. The waste bag must be at least half full before proper compaction is noticeable. Otherwise, the waste bag is susceptible to clog the evacuation slits in the lid and prevent the remaining air from being evacuated. Damage may occur if the door is opened during compression cycle

PRODUCT MARKING

Each Compax One™ is marked with a label like the one provided in the example to the right. This label contains information about your Compax One™ such as, serial number, IP rating, noise level and other important information.

NOTE: Do not remove this label from your Compax One™. Removing the label may affect the warranty of your product.



¹ Trigger limit may be altered based on customer preference.

² An ongoing compression cycle may be allowed to complete based on customer preference.

³ Cycle time may be shortened or prolonged based on customer preference.

PRODUCT INSTALLATION

INSTALLATION REQUIREMENTS

⚠ WARNING BEFORE YOU BEGIN: READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY.

For your safety, the information in this manual must be followed to minimise the risk of fire, explosion, electric shock, and to prevent property damage, personal injury, or death.

For personal safety, keep the power cable plugged out, remove local fuse or open circuit breaker before installation to avoid severe or fatal shock injury.

The Compax One™ may be installed on wet room walls, with or without wet room membrane, and walls with tiles, concrete, plywood, or plaster.

Do not allow items to fall or collect behind the Compax One™ after installation. Failure to follow this instruction could result in malfunction.

Care should be exercised when the appliance is installed or removed, to reduce the likelihood of damage to the power supply cord.

The Compax One™ is designed for **WALL-MOUNTED** installations **ONLY**.

While performing installations described in these instructions, gloves, and safety glasses should be worn.

REMEMBER - Observe and comply with all governing codes and ordinances.

Note to Installer - Be sure to leave these instructions for the operators and local inspector.

Note to Customer and Operator - Save these instructions for future reference.

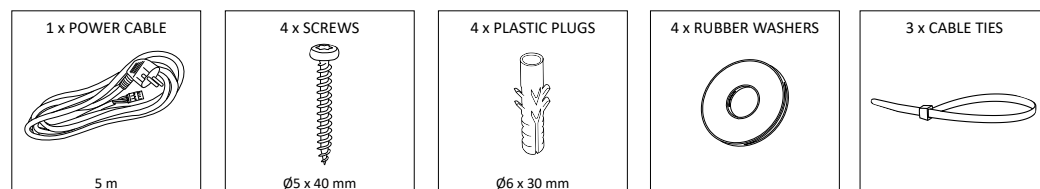
Skill Level - Installation of this appliance requires basic mechanical and electrical skills.

Completion Time - 10 to 30 minutes. New installations require more time than replacement installations.

Proper installation is the responsibility of the installer. Product failure due to improper installation is not covered under the Compax One™ Limited Warranty.

IMPORTANT: If you receive a damaged Compax One™, you should immediately contact Compax Solutions Customer Service or visit www.compaxsolutions.com/support.

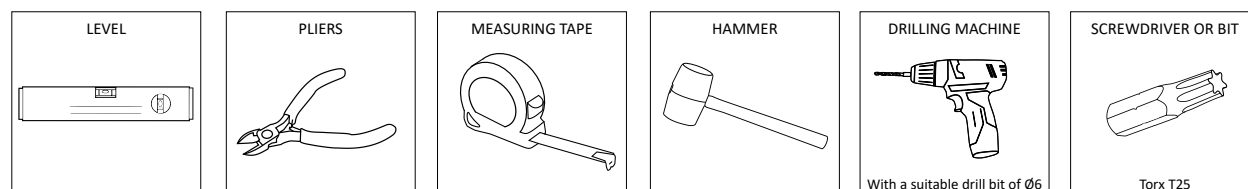
PARTS SUPPLIED



All parts are located in a package inside the Compax One™.

To order additional parts, contact Compax Solutions Customer Service or visit www.compaxsolutions.com.

TOOLS AND EQUIPMENT REQUIRED

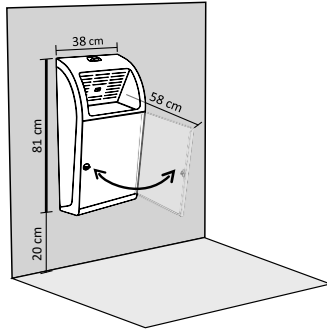


DIMENSIONS AND CUSTOMISATION

DIMENSIONS

Confirm that there is room for the Compax One™ on the wall, and that it is positioned appropriately according to the washroom layout. Allow a wall area of **38 cm x 81 cm** to be cleared before installation.

Allow some space in front of the Compax One™ to rotate open the door. A quarter circular path with a radius of **58 cm** should be sufficient. To enable proper bag installation and removal, the bag holder device must be completely pivoted outwards. Therefore, the door must not be hindered from being fully opened.



Allow approximately **20 cm** clearance from the floor to the bottom of the Compax One™. This results in a height of **85 cm** from the floor to the accommodation hole after installation, in compliance with the rules of universal design.

The Compax One™ may be installed in any convenient space on a solid wall. The wall must withstand the dead weight of the Compax One™ and a full Compax One Original Bag™ summing up to a total of **15 kg**.

The appliance and the fasteners attaching it to the wall are **NOT** designed to withstand external forces exceeding this weight. However, the wall should withstand some additional weight, exceeding 15 kg, in case someone is e.g., leaning onto the Compax One™.

CUSTOMISATION

The door should be secured to the Compax One™ before installation begins. The hinges of the door are set to the right-hand side by default. However, it is possible to switch the rotation of the door by simply dismantling the door and installing it upside down, such that the hinges are on the left-hand side instead. The following procedure describes how to change the direction of the door:

- Open the door to approximately 90 °.
- Find the spring-loaded pin underneath the lower hinge and push it up while tilting the door away from its hinged axis.
- When the lower hinge is free from its designated hole, the upper hinge can be gently guided free from its corresponding hole, and the door is released from the cabinet.

To reinstall the door, reverse the actions described in the three bullet points above. Make sure that the rotation of the door is smooth, that the hinges are properly installed, and that the door is free to rotate fully open.

If the direction of the door is changed, it is recommended to change the direction of the cabinet lock rotation as well.

INSTALLATION PREPARATION

ELECTRICAL REQUIREMENTS

⚠ WARNING For personal safety, keep the power cable plugged out, remove local fuse or open circuit breaker before installation to avoid severe or fatal shock injury. Do not use an extension cord or adapter plug with the Compax One™.

- The power supply cable and plug should be brought to a separate branch circuit and grounded receptacle. The power outlet should be located within reach of the included power cable.
- The Compax One™ must be supplied with 220-240 V at a frequency of 50-60 Hz and connected to an individual properly grounded branch circuit, protected by a suitable circuit breaker or fuse.
- The Compax One™ must be connected to a branch circuit with constant power, i.e., without any switches breaking the power supply on an intentional or regular basis (e.g., light or circuit switch controlled by timer or motion detection).
- If the electrical supply does not meet the above requirements, contact a licensed electrician before proceeding.

REMEMBER: Observe and comply with all governing codes and ordinances.



GROUNDING REQUIREMENTS



⚠ WARNING Improper connection of the grounding conductor appurtenant to the Compax One™ may result in a risk of electric shock. If you are in doubt of whether the appliance is properly grounded, check with a qualified electrician or a service representative.

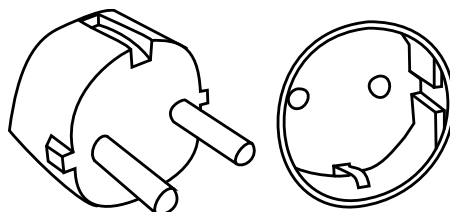
- Electrical ground is **REQUIRED** on the Compax One™.
- **DO NOT** ground to a gas pipe.
- **DO NOT** change the plug on the power supply cable. If it does not fit the outlet, have a suited outlet installed by a qualified electrician.
- **DO NOT** have a fuse in the neutral or grounding circuit as this may cause an electric shock.
- **DO NOT** use an extension cord or adapter with the Compax One™.

Failure to follow these instructions can result in death or serious injury.

GROUNDING INSTRUCTIONS

The Compax One™ is for use on a nominal 220-240 V mains circuit and is equipped with a power supply cable consisting of three conductors for line, neutral and ground. The Schuko plug (CEE 7/4) features two pins for the line and neutral contacts, and two flat contact areas for protective ground. The Schuko plug should always be used in the proper grounding-type receptacle, Schuko socket (CEE 7/3).

If a Schuko type wall receptacle is not available, it is the responsibility and obligation of the customer to have it installed by a qualified electrician. A direct connection of the power cable to the nearest properly grounded branch circuit may serve as an alternative to the general plug and socket, if installed by a qualified electrician. The green (or green and yellow) coloured conductor in the cord is the grounding wire. Never connect the grounding wire to a live terminal.



UNBOXING THE COMPAX ONE™

Move the Compax One™ close to the installation location.

Proper unboxing should leave the Compax One™ standing upright on a support structure being part of the packaging.

Remove all protective packaging materials before use.

Check that all necessary parts are supplied.

IMPORTANT: Use parts of the packaging carton, or similar, as protection between the floor and the Compax One™ in order to prevent any damage. Do not slide the appliance across the floor as this may cause damage to the floor and/or the appliance.

STEP 1



STEP 2



STEP 3



STEP 4



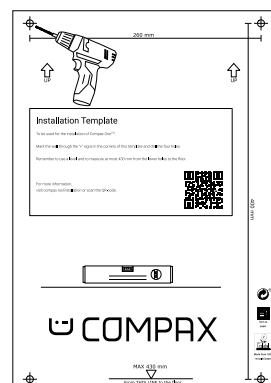
MEASURING AND DRILLING HOLES

Tape the installation template, included in the packaging, to the assigned wall area.

Mark four spots on the wall according to the installation template.

Ensure that the marks are correctly placed and levelled before proceeding.

Use a drilling machine with a drill bit of size Ø6 mm and drill a hole for each marked spot on the wall.



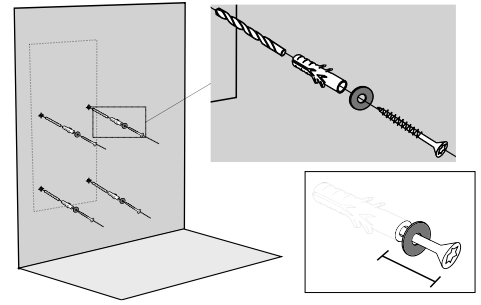
INSERTING PLUGS AND SCREWS

When the four holes are fully drilled, the corresponding plastic plugs can be gently punched into the holes using a hammer or mallet.

Ensure that the plastic plugs are flush with the wall before screwing the screws into their respective plastic plug.

REMEMBER: Place a rubber washer onto each screw before screwing it in.

Do not screw the screws all the way in, as they are supposed to go through the key holes in the back wall of the Compax One™, and properly suspend it. Leave approximately 10 mm of the screw to be tightened after the Compax One™ is in place.



SUSPENDING AND SECURING THE COMPAX ONE™

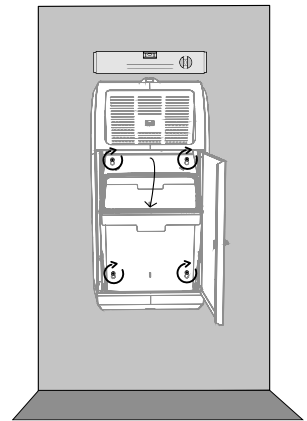
Rotate open the Compax One™ door and pull out the bag holder device in order to see all four key holes on the back wall of the appliance frame.

Lift the Compax One™ up against the wall at the installation location. Ensure that the screws enter each of the four keyholes, and carefully let the appliance frame rest on the screws by gradually letting go of it.

Ensure that the rubber strip at the back wall of the Compax One™ is correctly arranged against the washroom wall, i.e., straight and without wrinkles or folds.

Once suspended onto the four screws, the screws should be tightened sufficiently, securing the Compax One™ to the wall. Use a level while tightening the screws to keep the Compax One™ levelled.

Verify that the clearance between the floor and the lowermost part of the Compax One™ is approximately 20 cm.



ELECTRICAL CONNECTION OF THE COMPAX ONE™

As soon as the Compax One™ is securely installed to the wall, the power supply cable can be inserted through the hole in the bottom of the appliance frame and connected to the corresponding socket on the appliance end. Depending on the room for which the Compax One™ is to be installed, the power supply cable may be connected to the mains power network through plug and socket, or directly onto a grounded branch circuit.

In the former case, the plug should be pulled out of the socket in advance to prevent possible live current at the connector end, which ultimately may cause electrical shock. In the latter case, a local fuse or a circuit breaker should remove the live current from the circuit while plugging the power supply cable into the appliance.

IMPORTANT: A qualified electrician is required in order to perform connection directly onto a branch circuit.

Make sure that the mechanical connection between the power supply cable and the Compax One™ is properly secured before letting live current through the closed circuit.

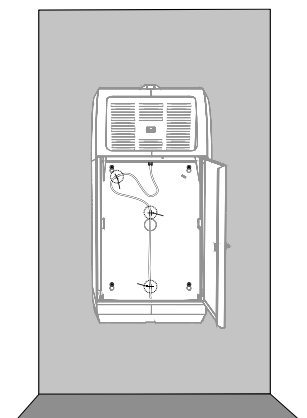
FINALISE THE INSTALLATION

As soon as the Compax One™ is securely installed to the wall, the power cable should be let through the appropriate hole in the Compax One™ frame before the power plug can be inserted into its corresponding socket. **DO NOT** connect the power plug to the Compax One™ before it is securely mounted to the wall. Remember to close the circuit with the local fuse or circuit breaker if it was priorly opened.

When the Compax One™ is connected to power, secure the power cable with the attached cable ties at the inner back wall of the appliance frame using the integrated cable tie holders. Make sure that there is a small loop of excess cable for the purpose of stress relief before tightening the cable ties.

Rotate the bag holder device properly back in place, and make sure to close the door.

Congratulations, your Compax One™ is now fully installed!



PRODUCT USE AND OPERATION

INTENDED USE

In order for the Compax One™ to function as intended, it must be used in the correct manner. Some guidelines regarding the intended use of the product are given below.

LOADING

The Compax One™ is, by design, always ready for accommodation of waste. However, the appliance may be allowed to complete an already ongoing compression cycle despite people entering the room, based on customer preference.

To maintain a proper sealing of the waste bag, keep the gasket clean and uncontaminated.

The Compax One™ is intended for paper waste and light general waste. Do not load bulky items that does not fit into the container, and **never** attempt to force it in.

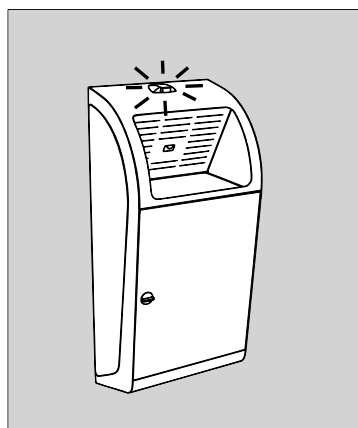
The waste bag is susceptible to puncture if sharp and pointy items are loaded.

NOTE: Although it is not necessary for the Compax One™ to run more than one compression cycle between each loading of waste, it is suggested that the Compax One™ should be set to compact every time its built-in algorithm calculates a need for compaction in order to achieve maximum volume efficiency.

COMPACTING

Starting the Compax One™:

1. Ensure that the Compax One™ is connected to the mains power network. The light on top of the Compax One™ indicates power connection.
2. Make sure the bag holder device is in its correct position and that the door is properly closed.
3. A compression cycle will initiate as soon as the waste bag is filled up and no recent movement is detected.



A full compression cycle lasts for approximately 70 seconds. As the container fills up with waste, the cycle time progressively shortens. However, there are two events that are plausible reasons for the Compax One™ to reopen the lid subsequent to an initiated compression cycle:

Timeout: If the compression cycle is not stopped after approximately 70 seconds, it will be stopped by exceeding a timeout threshold of 85 seconds.⁴

Interruption: If motion is detected during a compression cycle, the cycle is terminated. In this case the Compax One™ will initiate a new cycle as soon as the room is cleared, if needed. However, the Compax One™ may be allowed to complete a compression cycle despite people entering the room, based on customer preference.

Stopping the Compax One™:

The Compax One™ may be stopped at any time.

1. As soon as motion is detected in the room the lid will, by default, rotate up to its stand-by position. However, the customer can specify that the Compax One™ is allowed to complete an already ongoing compression cycle despite people entering the room. Hence further action is needed to stop the Compax One™:
2. Open the door and reach for the power plug at the top of the back wall and pull it out. If the Compax One™ is connected to the mains power network via a regular power plug in a wall-socket easily accessible, this plug can be pulled out instead.

NOTES:

Compaction of the waste will not occur the first few times it is loaded. The waste fullness level should exceed approximately $\frac{3}{4}$ before Compax One™ initiates compression, and for the compression to be efficient.








When sharp and/or pointy items are loaded and compacted, small punctures and tears in the bag may occur. This is relatively normal and only slightly affects the performance of the Compax One™ due to the way these holes are “locked away” as the bag contracts during a compression cycle. However, if the hole is large, it may affect the performance to an increasing extent.

Bottles and other containers will not necessarily be compacted if loaded. However, such items will not affect the performance beyond taking up the same volume before, during and after the content is compacted.

⁴ Timeout threshold limit may be altered based on customer need.

LIGHT COLOURS AND MACHINE STATE

The visible light on the top of the Compax One™ indicates the different states of the appliance. The different states and light signals are explained further in the table below.

Light	Status	Necessary Action
 Green	Standby	None
 Orange (<i>flash</i>)	Lid is moving	None
 Blue	Ongoing compression	None
 Yellow	Bag is full	Change bag
 Purple	Error occurred	Contact Compax Support
 Purple (<i>flash</i>)	Error occurred	Contact Compax Support
 No light	No power	Check power connection and contact Compax Support

OPERATION

In order for the Compax One™ to function as intended, it must be operated in the correct manner. Some guidelines are given below, regarding operation of the product.

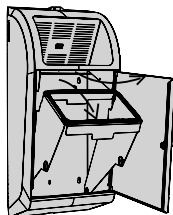
WASTE BAG INSTALLATION

Before installing a new waste bag, make sure that:

The door is unlocked and open, and that the bag holder device is tilted outwards.

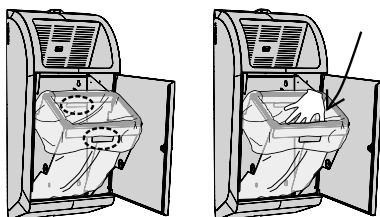
The gasket on top of the bag holder device is clean and not in any way damaged or loose.

The container is clean and free of sharp debris that may puncture the bag.



Installing a new Compax One Original Bag™:

1. Place the bag into the container, open the bag and pull the top edges over and around the top of the bag holder device.
2. Pull the two pre-punched holes over the bag retainer flanges on the back and front of the bag holder device, to ensure that the waste bag is firmly held in place both during and after compression.
3. For best compaction, properly open the bag to enable a fair amount of waste to accumulate before a compression cycle is initiated.



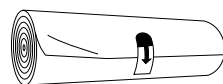
WASTE BAG REMOVAL

When the waste in the Compax One Original Bag™ can no longer be further compressed, the waste bag is full and should be removed and replaced by a new one.

1. Open the door by turning the knob clockwise 90°⁵, pulling it out and rotating it open.
2. Pull out the bag holder device.
3. Remove the handles of the bag off the retainer flanges in the front and back of the bag holder device. Further remove the top of the bag from the gasket and the top section of the bag holder device.
4. Close the bag, push it down into the hole in the top section of the bag holder device, and lift it out from underneath the bag holder device.

The Compax One Original Bag™ are disposable, customised, and reinforced plastic bags, which are delivered with the Compax One™ and are ready to be installed.

Use ONLY the heavy-duty Compax One Original Bag™ exclusively designed for Compax One™.



These bags are available from Compax Solutions Customer Service. To order bags, visit www.compaxsolutions.com/support.

⁵ If the rotation of the door has been flipped, and the direction of the cabinet lock rotation has been changed accordingly, the knob should be turned 90° counterclockwise.

FORSEEABLE MISUSE AND MISOPERATION

⚠ WARNING There are several ways in which the Compax One™ may be affected as a result of being improperly used or operated. Events that may affect the Compax One™ is described in brief below:

IMPROPER INSTALLATION

Installation of the Compax One™ in an angle with the wall may lead to erroneous sensor readings of the lid position. This either occurs due to the back wall of the appliance not being flush with the washroom wall or because the appliance is not levelled properly in the vertical direction. Hence, precise, accurate and safe positioning of the rotating lid may not be guaranteed.

LEANING, HANGING, OR CLIMBING

Never allow anyone to climb, hang, lean or sit on or in the Compax One™. Loading of the appliance and the fasteners attaching it to the wall beyond what they are designed to withstand may lead to loosening and result in damage of the appliance and the wall. The door and bag holder device are especially susceptible to break during such unintended loading.

If the Compax One™ loosens or drops to the floor, there is a risk that the power cable may break as well, which consequently can short circuit or in worst case expose people or animals in the vicinity of the appliance to live current.

INCORRECT LOADING

Sharp and pointy items may lead to puncture of the waste bag and consequently worsen the Compax One™ performance. Also, sharp and pointy items may cause harm or injuries due to protrusion through the waste bag during bag change or transportation.

Hot or burning items may lead to fire inside the Compax One™ which further may cause harm or injuries. Another outcome is that the hot or burning items may possibly melt hole(s) in the waste bag, consequently, worsen the Compax One™ performance.

Flammable items may lead to easy ignition and consequently fire inside the Compax One™.

Explosive items may lead to dangerous situations where the vacuum can cause an explosion. Also, explosion hazards may occur during further transportation and processing of the waste.

Toxic items or substances may lead to poisoning of people, animals, and other organisms in the vicinity of the Compax One™.

Corrosive items or substances may lead to harm or injuries of objects, people, animals, or other organisms in the vicinity of the Compax One™.

Overloading of the Compax One™ may lead to overflowing waste and unhygienic surroundings. Also, in the case where the waste is jammed between the moving lid and the gasket, proper performance is not guaranteed. Lastly, if the waste is heavily compacted, stiff, or not especially compressible, the lid safety function may trigger and hinder completion of compression cycles.

Too much liquid or water may lead to suffocation of the suction device or potentially cause the liquid or water to be sucked through the system and ultimately spread inside the bottom container of the Compax One™, in which case clean up might be necessary.

Organisms, animals, or people loaded in the Compax One™ may lead to injury, harm or even death due to suffocation. Under **NO** circumstances should any animal or human being be loaded into the Compax One™.

VANDALISM

Beating, kicking, punching, or bumping into the Compax One™ may lead to broken parts and sub-assemblies which consequently may worsen the performance of the appliance. Furthermore, the aesthetics may be negatively affected. In extreme cases the Compax One™ may suffer the consequence of detaching from the wall or even drop to the floor due to breakage of the attachment means or the wall itself.

If the attachment means break and the Compax One™ detaches or drops to the floor, there is a risk of breakage of the power cable as well, which may short circuit or in worst case expose people or animals in the vicinity of the appliance to live current.

OBSTRUCTION OR JAMMING OF ROTATING LID

If an object is placed in the space for which the rotating lid moves, this may cause damage to the appliance and ultimately lead to malfunction.

Constant triggering of the safety system – may negatively affect the Compax One™ performance.

Conscious hindering of the rotating motion of the lid by approaching the Compax One™ during a compression cycle may cause damage to the appliance and ultimately lead to malfunction.

NOTE: If the obstruction does not cause the lid motion to be aborted and reversed due to an abnormal or abrupt resistance, it will try and continue closing. However, if the time the lid uses to reach the closed configuration exceeds the predetermined timeout limit,⁶ the Compax One™ will enter a stationary state in order not to cause harm on neither appliance nor personnel.⁷

⁶ The default timeout limit is set to 9.0 seconds but is configurable based on customer needs.

⁷ To exit the stationary state, a system reboot must be performed.

NOTE: Consult with Compax Solutions Customer Service before performing system reboot.

PREVENTING MOTION DETECTOR FUNCTIONALITY

If the motion detector is covered or in any other way prevented from detecting movement, initiation of a compression cycle may occur despite people or animals being present and in the vicinity of the appliance.

ROUGH INTERACTION WITH THE MOTION DETECTOR

Careless and rough interaction with the motion detector may cause damage leading to sensor dysfunction, and thereby remove the primary safety barrier and mitigate the performance of the Compax One™.

ROUGH INTERACTION WITH THE WASTE FULLNESS LEVEL SENSOR AND LENS

Careless and rough interaction with the waste fullness level sensor and lens may cause damage leading to sensor dysfunction, and thereby prevent proper performance of the Compax One™.

ROUGH INTERACTION WITH HINGES AND OTHER MOVING PARTS

Careless and rough interaction with hinges and other moving parts may cause loosening or malfunction of respective components.

ROUGH INTERACTION WITH GASKET

Careless and rough interaction with the gasket may cause loosening or misalignment of gasket during compression. Consequently, this may lead to poor sealing and thereby poor performance of the Compax One™.

FAULTY INSTALLATION OF WASTE BAG

Faulty installation of the waste bag may cause poor performance of the appliance and ultimately damage the Compax One™.

FAULTY PRODUCT HANDLING

Careless and rough handling of the Compax One™ can cause excessive wear and tear, which may result in loose and damaged parts causing improper functionality like e.g., poor sealing or rough, and uneven movement, ultimately damaging the appliance.

FAULTY CLEANING OF PRODUCT

Improper or inconsistent cleaning of the Compax One™ over time may result in gradually decreasing performance, which ultimately could damage the appliance.

Heavy washing or squirting of water or other liquids on or near the top module of the Compax One™ may damage the electronics and result in malfunction of the appliance.

PRODUCT CARE

MAINTENANCE

Compax One™ needs proper and regular care and maintenance in order to provide the continued performance and quality expected of it. Occasional maintenance like lubricating the cabinet lock may be necessary.

CLEANING THE COMPAX ONE

General cleaning can be done while the Compax One™ is powered **ON** and in stand-by configuration. However, periodic, and more thorough cleaning should be done with the Compax One™ powered **OFF**, i.e., with the power plug pulled out.

GENERAL CLEANING (EXTERIOR)

Steel and plastic panels:

Wipe all external surfaces with a clean damp cloth. Pure spirit, a mixture of spirit and water, soapy water, or clean water may all be utilised to dampen the cloth.

BE AWARE: Colour degradation may occur if strong chemical solutions are used on painted surfaces or plastic parts over time.

Slitted plate and the waste fullness level lens:

Wipe both the slitted plate and the waste fullness level lens with a clean damp cloth.

Special care should be given near the lens of the waste fullness level sensor, as the sensor functionality is susceptible to contamination, scratches, and other imperfections in the plastic cover.

BE AWARE: Both colour and translucency may degrade if strong chemical solutions are used directly on the plastic material of the waste fullness level sensor lens, thereby negatively influence the performance of the Compax One™.

Make sure that waste residues and other unwanted particles are removed from the perforations in the slitted plate.

PERIODIC CLEANING (INTERIOR)

Open the door to its maximum rotation. The door may be temporarily dismantled by following the steps provided in the *Product Installation* section.

Vacuum the inside of the cabinet with a vacuum cleaner. Liquid spills or wet waste should be cleaned up by hand.

Wash, rinse and dry the inside.

NOTE: Prevent water from penetrating into the top module. This may lead to damage of the Compax One™ electronics.

IMPORTANT: Do not rinse with heavy water jets or pressure washer. This may lead to damage of the Compax One™ electronics.

SERVICE AND REPAIR

Based upon customer request, Compax Solutions may provide service and repair of the Compax One™. Depending on the type of accident or breakdown of the product, the following guidelines should be complied with:

JAMMING OR BLOCKING OF LID MOVEMENT

- Turn off Compax One™ by disconnecting the power cable.
- Remove any obstruction causing the jamming or blocking.
- Reconnect the power cable and make sure that the Compax One™ functions properly.

DETECTED ERRORS

Contact Compax Solutions Customer Service in order to solve the problem. The Compax One™ has entered an error state due to detection of some error which, in turn, may cause more severe damage to the appliance and eventually cause poor performance or no function at all.

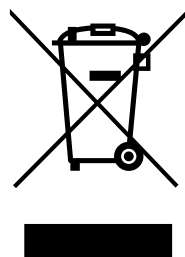
PRODUCT LOGISTICS

Transportation and handling of the Compax One™ should be done with care. During transportation and handling, the Compax One™ should always be put in its original packaging. This packaging should further be secured properly such that acceleration, deceleration and abrupt breaking, bumping, vibrations, etc. does not affect the stability of the product and packaging.

- The packaging includes handles to ease general handling, lifting, and moving processes.
- If transported in bulk or on pallets, the Compax One™ and associated packaging should be stacked in upright orientation. However, they should be wrapped in plastic foil in order to maintain proper stability during transport.
- When the Compax One™ is out of the packaging, special care should be given when handling the appliance due to heavy lifting without any handles. It is susceptible to scratches and degradation of the aesthetics.
- Also, the electronics are rather fragile, especially during handling of the Compax One™ outside of its packaging.
- The Compax One™ should **ALWAYS** be handled with care, especially when taken out of its packaging.

PRODUCT DISPOSAL

All products using electric current, either through connection to the mains power network or through batteries, are categorised as electrical and electronic equipment (EEE) and must be disposed of accordingly when they are to be discarded. Electrical and electronic equipment comprises a mark including a crossed-out wheelie bin with a single black line underneath the symbol, as shown in the figure below. This symbol means that the product or equipment shall not be disposed of as general waste. As this accounts for all electrical and electronic equipment, it also accounts for the Compax One™.



COMPAX ONE™ LIMITED WARRANTY

ATTACH YOUR RECEIPT HERE. PROOF OF PURCHASE IS REQUIRED TO OBTAIN WARRANTY SERVICE. Please have the following information available when you contact the Compax Solutions Customer Service:

- Name, address, and telephone number
- Product serial number
- A clear, detailed description of the problem
- Proof of purchase, including dealer or retailer name and address, if relevant

IF YOU NEED SERVICE:

1. Before contacting Compax Solutions (hereafter "Compax") to arrange service, please determine whether your product requires repair. Some questions can be addressed without service. Please visit compaxsolutions.com/support, you might find answers to your questions there.
2. All warranty service is provided exclusively by Compax, or a certified service partner appointed by Compax. Direct all requests for warranty service to: Compax Solutions Customer Service. For more information, visit www.compaxsolutions.com/support.

WHAT IS COVERED:

12 Months Limited Warranty

For 12 months from the delivery date, when the Compax One™ is operated and maintained according to instructions following the appliance, Compax will provide replacement parts, pay for factory specified parts and repair labour to correct defects in materials or workmanship. Service must be provided by a Compax designated service company.

Your Sole and Exclusive Remedy Under This Limited Warranty Shall Be Product Repair as Provided Herein

Service must be provided by a Compax designated service company. This limited warranty is valid only in Norway and applies only when the Compax One™ is used in the country in which it was purchased. This limited warranty is effective from the delivery date. Proof of purchase and installation is required to obtain service under this limited warranty.

WHAT IS NOT COVERED:

1. Private or non-commercial use, non-light industrial use, or use inconsistent with published user, operator, or installation instructions.
2. On-site instruction on how to use the Compax One™.
3. Service to correct improper product maintenance or installation, installation not in accordance with governing electrical codes and ordinances or correction of premises electrical (i.e., wiring or fuses).
4. Defects or damage caused by unauthorised mechanical or electrical interference with the Compax One™, like dismantling, unscrewing, disassembly, etc.
5. Defects or damage caused by the use of non-genuine Compax parts or accessories.
6. Damage from accident, misuse, abuse, fire, floods, force majeure, or use with products not approved by Compax.
7. Repairs to parts or systems to correct product damage or defects caused by unauthorised service, alteration, or modification of the appliance.
8. Cosmetic damage including scratches, dents, chips, and other damage to the appliance finishes unless such damage results from defects in materials and workmanship and is reported to Compax within 30 days after installation.
9. Discoloration, rust, or oxidation of surfaces resulting from caustic or corrosive environments including but not limited to high salt concentrations, high moisture or humidity or exposure to chemicals.
10. Pick-up or delivery. This product is intended for on-site repair.
11. Travel or transportation expenses for service in remote locations where an authorised Compax servicer is not available.
12. Service or parts for appliances with original serial numbers removed, altered, or not easily determined.

The cost of repair or replacement under these excluded circumstances shall be borne by the customer.

DISCLAIMER OF IMPLIED WARRANTIES

Implied warranties, including any implied warranty of merchantability or implied warranty of fitness for a particular purpose, are limited to 12 months or the shortest period allowed by law.

LIMITATION OF REMEDIES: EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES

Your sole and exclusive remedy under this limited warranty shall be product repair as provided herein. Compax shall not be liable for incidental or consequential damages.

EU DECLARATION OF CONFORMITY



Application of Council Directives and Regulations:

2006/42/EC	Machinery Directive (MD)
2014/30/EU	Electromagnetic Compatibility Directive (EMCD)
2011/65/EU	Restriction of Hazardous Substances Directive (RoHSD)

Harmonised standards and other technical specifications to which conformity is declared:

MD	Essential Health and Safety Requirements (EHSR)
EMCD	EN IEC 61000-6-1:2019, EN 61000-6-3:2007 + A1:2011, EN IEC 61000-3-2:2019, EN 61000-3-3:2013 + A1:2019, EN 301 489-01:V2.2.3, EN 301 489-17:V3.2.4
RoHSD	EN 50581:2012

Manufacturer's name: Compax Solutions AS
Manufacturer's address: Fornebuveien 42
Postcode, city, and country: 1366 Lysaker, Norway
Telephone number:
E-mail address:

Type of product: Smart waste bin
Model(s) identifier: Compax One™
Model(s) name: Compax One™
Batch:
Serial number:

I hereby declare that the product described above is in conformity with the relevant Union harmonisation legislation.

This declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of Compax Solutions AS

Oslo, Norway

Place of issuance

2021-08-01

Date of issue

Anders Engebakken, CTO of Compax Solutions AS



www.compaxsolutions.com
REG. IN NORWAY NO. MVA 920 003 303