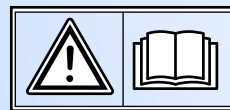




APX1100 CE

User Guide: USA

rev21920



Valued Customers,

We at Apex truly appreciate your business and serving you is our highest priority. We are happy to answer any questions about our machines or accessories and provide technical assistance if needed.

Please Contact:
Apex Steam Technologies
1-800-573-6323 or visit
www.apexsteam.com

Apex Steam is a Division of Pemberton Fabricators Inc.

NOTE:

Colors of the Machine and accessories may differ from what is shown in this user manual. For questions or concerns please contact Apex Steam.



From the whole team at Apex Steam Technologies
Thank you again for your patronage.

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Introduction

Your APX1100 combines years of experience and extensive technological research. It is designed to be a highly efficient cleaning system and is readily adaptable to many cleaning needs. We have equipped it with professional accessories to provide you the best tools to handle whatever task is at hand.

We firmly believe that you will be happy with your machine for many years. For proper operation of your new APX1100 please carefully read this entire user guide.

305 °F - 340 °F hot, dry steam means:

- Dissolve fats and soils
- Sanitize
- Neutralize odors
- Minimize Chemical use

Thanks to the three-tier steam control the APX1100 can be used for cleaning of all types of surfaces even delicate fabrics or surfaces requiring a light touch.

But above all it is easier, faster, better and more ecological way of cleaning! You have purchased an appliance that is easy to handle and is green & sustainable.

The APX1100 is designed for superior cleaning with dry steam. The steam and high temperature easily remove stubborn stains, hard water spots, ground in dirt, grease etc.



Important!

Please keep the ORIGINAL PACKAGING.

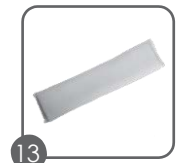
Returns for warranty repairs will only be accepted in the ORIGINAL PACKAGING.

Apex Steam is not liable for damage during transportation for devices that are not sent in the ORIGINAL PACKAGING

What's Included

Your APX1100 is supplied with the following accessories:

1. Steam hose
2. Rectangular brush
3. Triangular brush
4. Black and Gray Jet nozzles
5. Extension tubes
6. Plunger - Drain opener
7. Round bronze brush 1" (2)
8. Round nylon brush 1" (2)
9. Round nylon brush 2.5"
10. Round pad holder 2.5"
11. Round stainless steel brush 1" (2)
12. Funnel for filling
13. Rectangular pad
14. Triangular pad
15. Boiler drain key
16. Round bronze brush 2.5"



Safety Information

Strict adherence to the instructions and maintenance recommendations contained within this user guide is necessary to comply with the intended conditions of use for this equipment.

Improper use or non-compliance with the operating instructions will void any and all warranties.

Before you start:

Unpack your new machine

Once you have removed the device from the package, check it for any obvious damage. If you have any doubts do not use the appliance and contact your service center.

Please save the original packaging. This equipment is only accepted for repairs if returned in its original packaging.

- ▶ The appliance must be used only for the purpose for which it is intended.
- ▶ Prior to using the appliance read the entire User Guide carefully.
- ▶ Any use of the appliance contrary to the instructions in this User Guide will void the warranty.
- ▶ The electrical equipment to which this device will be connected must meet all safety requirements.
- ▶ Do NOT use the appliance in extreme temperatures. The ambient temperature should range between 40 °F and 105 °F.

▶ **Do NOT use extension cords.**

- ▶ Do NOT leave the appliance unattended. Even in brief work breaks - unplug the machine.
- ▶ Do NOT attempt to service this machine, contact APEX Steam
- ▶ Do NOT unplug the machine by pulling on the cord.
- ▶ Protect the power cord from twisting, damage or passing over sharp edges. Keep it away from heat sources.
- ▶ Do NOT use the appliance if the power cord or any part of the appliance itself is damaged.
- ▶ The device is equipped with a thermal overload switch that can only be reset by APEX Steam or an authorized service center.
- ▶ If the device is damaged or it does not function properly it must be immediately turned off and disconnected from the power source

Do NOT attempt repairs

- ▶ For any kind of repairs, please contact APEX Steam
- ▶ If the power cord of the device is damaged do NOT use the machine. Contact APEX Steam for service.

Safety Information Cont...

- ▶ Never use the appliance with wet hands or feet.
- ▶ Do not use the appliance within reaching distance of sinks, tubs, showers or standing water.
- ▶ Do not immerse the appliance, the cord or plug in water or other liquids.
- ▶ Use in hazardous or areas where there is danger of explosion appliance is strictly prohibited.
- ▶ Do not use the appliance in proximity toxic chemicals or compounds.
- ▶ Do not use the appliance on heat-sensitive surfaces or objects.
- ▶ Do not expose the appliance to outdoor weather conditions.
- ▶ Do not place the appliance near heaters or near heat sources.
- ▶ Sensitive electronic devices such as televisions, radios, lamps, etc. should not be cleaned with steam, even if not connected to electricity network.
- ▶ Do not allow the appliance to be operated by children.
- ▶ Do not use excessive force or sharp objects to press buttons or switches.
- ▶ Always place the appliance on level ground.
- ▶ If the appliance is dropped from height and/or damaged, do not use it and contact APEX Steam.
- ▶ In case of damage turn off the appliance **Never attempt to repair it yourself.** Contact your APEX service center.
- ▶ During repairs use only genuine parts.
- ▶ Always keep the appliance in horizontal position.
- ▶ Do not direct the steam jet into or towards electrical appliances.
- ▶ Before cleaning the appliance always pull out the plug from the socket.
- ▶ Always wait for the appliance to cool down before storing.
- ▶ Please empty the boiler if the appliance is not used more than three weeks.
- ▶ This appliance is available with several safety systems that can be changed only by an authorized service.
- ▶ Never direct the steam jet at people or animals.
- ▶ Never place your hand in front of the steam jet.
- ▶ Never pour detergents or other additives in the tank for steam generation. **Use only tapwater.**
- ▶ This appliance is not suitable for use by persons (including children) with reduced physical, sensory or mental disabilities or who have no experience or knowledge in the use of this device.
- ▶ This machine should not be used for more than 3 hours continuously.
- ▶ Not for space heating purposes.

Specifications

| | |
|----------------------------|---|
| ▶ Power supply | 110 - 120 V - 50/60 Hz |
| ▶ Max. total working power | 1650 W |
| ▶ Max. boiler power | 1650 W |
| ▶ Boiler capacity | 0.58 gal (2.2 L) |
| ▶ Maximum pressure | 105 psi (7.2 bar) |
| ▶ Test pressure | 145 psi (10 bar) |
| ▶ Weight | 14 lb (6.5 kg) |
| ▶ Steam control | Electronic Touch Pad |
| ▶ Dimensions | 16 x 12 x 10 in (410 x 297 x 250 cm) |
| ▶ Boiler | 100% AISI 304 - Stainless steel (Lifetime warranty against rust) |

Protective devices:

- ▶ Overpressure valve;
- ▶ Protection class IP 24;
- ▶ Electronic control of the heating power;
- ▶ Electronic control of the voltage in the appliance socket;
- ▶ Automatic control of the functions for each connection;
- ▶ Thermostat with automatic recharge;
- ▶ Thermostat "One-shot".

* Maximum pressure is the pressure at which the safety valve is activated.
It does not correspond to the operating pressure.

Before Operating

Description of the appliance and explanation of the figures

1. Drain for boiler (underside)
2. Water fill location
3. Main switch (device) boiler on / off
4. Display
- 4.1 Low water Indicator: "H2O" lights on the display with audible alarm
- 4.2 Steam is ready: 170 °C (340 °F) appears on the display
5. Power cord winder
6. Steam Hose Connection
7. Filler cap



1. Filling APX1100 with water

After filling but before inserting the plug into the outlet, make sure that the boiler cap (1) is tightened completely and firmly.

Fill the tank (2) with 2 L (0.52 gal) tap water.

Press the main switch (3) to turn on the APX1100.

The appliance is equipped with a warning alarm that indicates when water must be poured into the tank (2). Low water: H2O appears on the display (4).

In case of low water condition - steam production is interrupted as the boiler will turn itself off to prevent damage.

If the APX1100 needs water, let the boiler cool and carefully remove the filler cap (7) and fill the tank (2) with clean water using the plastic funnel to prevent spills.

Never pour detergents, anti-scale additives, aromas, scents or distilled water into the tank (2)!

Doing so could result in serious damage to the water circulation system and heating element.
USE ONLY TAPWATER

Hose, Buttons & Display

Inserting the steam hose into APX1100

Open the protective cover of the hose connection (6) on the machine. Now insert the plug of the steam hose into the square socket ensuring that the hose plug is firmly seated and the connection cover of the machine lays on hose connection with the hole lined up and is seated over the corresponding tab on the hose connection. Now the hose is connected and ready to use.

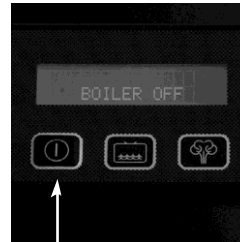
To remove the steam hose - lift the lid of the hose connection (6) off of the tab on the hose connector and gently pull the hose straight out.


Connecting the accessories of the APX1100

Insert the appropriate accessory into the hose or pipe until the tabs on tool the lock in to the corresponding tabs on the steam gun.

To remove the accessories: Press down the black tabs and pull out the accessory.

4. Display for APX1100



Main switch (device) boiler on / off 



The machine needs about 8-10 minutes to convert the water into dry vapor. Once it reaches operating pressure, this appears on the display (4).and the display signals that it is ready for use.

Basic Information

Note: When the hoses are cold be sure (before using the steam) to release any condensation from the hoses by activating the trigger in a safe direction and releasing water/steam at full power for 10 seconds. Then please wait until the temperature reaches (340 °F) to continue using.

Note: After you have finished cleaning, press the main switch into the "off" position. (3). Now pull the plug from the outlet and secure it around the cord winder on the back of the machine. (5).

Note: Before storing your new APX1100, let it cool for approximately 30 minutes.

Gun Controls & Towel Folding



You can activate and deactivate the steam jet by pressing button (C).



Steam and hot water controls (Fig. A) & (Fig. B)



You can choose the steam power level by pressing button (A)
One press each for: **Low - Med - High or Off**






Triangular brush or rectangular brush when used with the corresponding pad and a ThermoFiber towel will provide surface moisture reduction and increase surface temperature of the brushes while cleaning.

The diagrams above show how the ThermoFiber towels should be positioned and secured onto the brushes.




Advice and Tips

| Use | Accessories | Amount of steam |
|--|---|-----------------------------|
| <p><u>Filters</u></p> <p>Deposits of fats are difficult to remove.</p> |  <p>Use the jet nozzle to clean the grease from filters. Clean the filter housing too. For this you can use the triangular brush with a thermofiber cloth applied to it.</p> | <p>Medium or High steam</p> |
| <p><u>Fixtures</u></p> <p>Limestone and scale is very difficult to remove.</p> |  <p>Use the jet nozzle and small round copper brush (for sensitive surfaces) or stainless steel. For deposits of limestone use mild pressure with the brush. Deposits with years of buildup cannot be removed immediately. Clean the fixtures regularly.</p> | <p>Medium or High steam</p> |
| <p><u>Patio furniture</u></p> <p>Furniture gets very dirty particularly from insects and mildew.</p> |  <p>Use the point nozzle with the attachment-brush. For cleaning wooden furniture choose less steam than for plastic or metal furniture.</p> <p>For cleaning sensitive garden furniture (e.g. wood) use only the nylon brush.</p> | <p>low or Medium steam</p> |




Advice and Tips

| Use | Accessories | Amount of steam |
|--|---|---|
| <p><u>Showers</u></p> <p>If there are significant limestone or scale deposits on glass doors we recommend using some vinegar applied to the surface. Let it work for approximately 30 minutes.</p> |  <p>For joints and door frames use the jet nozzle with a round brush with maximum amount of steam. Clean any seals with less steam.</p> | <p>Medium or High steam</p> |
| <p><u>Wooden furniture</u></p> <p>Wooden furniture and wooden surfaces are very sensitive. Please clean very carefully.</p> |  <p>Spot Treat the wood with the jet nozzle with low steam from distance of about 5 inches. For especially sensitive materials wipe with a thermofiber cloth soaked with steam. The cleaning may not happen quickly, but it is very gentle. For sealed wooden surfaces use the rectangle brush and thermofiber cloth.</p> | <p>LOW Steam</p> <p>Clean the surface quickly. Do not hold the steam jet at one point. use low steam setting.</p> |
| <p><u>Stoves / ovens</u></p> <p>Fast and effective cleaning of burned on grease and oil</p> |  <p>For stubborn stains on stoves or in the oven (not stainless steel surfaces) use large round brush with stainless steel wool. Then use the jet nozzle and scrub with thermofiber.</p> | <p>Medium Steam</p> |



Advice and Tips

| Use | Accessories | Amount of steam |
|--|---|---|
| <p><u>Animal cages</u></p> <p>Crates for dogs and cats, cages for birds, cages for hamsters and more.</p> |  <p>Clean the cages with the jet nozzle and attached small or large round nylon brushes.</p> | <p>Low, medium steam</p> <p>Old and stubborn stains may require repeating the procedure.</p> |
| <p><u>Cork</u></p> <p>Cork can be treated with oil, wax or if it is sealed.</p> <p>Sealed cork floors can be cleaned perfectly with steam.</p> |  <p>Place the thermofiber on the rectangle brush and clean with a small amount of steam. Be careful that not much moisture is soaked in the cork. Slide evenly and quickly on the surface, and do not hold at one place. In case of spots repeat a few times.</p> | <p>Low steam</p> <p>Use only low steam setting.</p> |
| <p><u>Burner pans</u></p> <p>Dried fats and stains from sauces and oils</p> |  <p>Use The jet nozzle to loosen soils then a bronze or stainless brush to remove them. Finish with a towel</p> | <p>Medium steam</p> <p>You may need to repeat cleaning in case of severely burned-on residue.</p> |



Advice and Tips

| Use | Accessories | Amount of steam |
|---|--|--|
| <p><u>Varnished surfaces</u></p> <p>Varnished surfaces are cleaned very well.</p> |  <p>Treat the surfaces with a small amount of steam at 10-15 cm./ (3-5 in) distance. Then wipe it with the thermofiber. You will get shiny lacquered surfaces without lines.</p> | <p>Low steam</p> <p>Clean the surface quickly. Do not hold the steam jet at one point. Use only small amount of steam.</p> |
| <p><u>Linoleum</u></p> <p>Ideal material for cleaning with steam.</p> |  <p>In case of heavy soiled areas select medium amount of steam. Along with normal dirt here it is also valid that the less amount of steam, the faster dries the cleaned surface.</p> | <p>Low, medium steam</p> <p>Repeat the cleaning process to remove stubborn Stains.</p> |
| <p><u>Mattresses</u></p> <p>Mattresses can be cleaned very well with steam. They'll benefit from the natural freshness of steam cleaning.</p> |  <p>Treat front and the back of the mattress with the rectangle brush. Select low steam. For spots you can briefly choose the medium steam setting. Replace the thermofiber towel before the mattress gets too wet. After cleaning ensure there's enough ventilation in the room to help the mattress dry.</p> | <p>Low steam</p> <p>Cleaning with steam kills mites. This is another plus for allergy sufferers.</p> |




Advice and Tips

| Use | Accessories | Amount of steam |
|--|---|--|
| <p><u>Metal</u></p> <p>Stainless steel, anodized aluminum, perforated sheet, brass and others.</p> |  <p>Depending on the size of the surface choose the jet nozzle or the triangular brush (then polish with the thermofiber) or the triangular brush with thermofiber secured on it.</p> | <p>Low, medium steam</p> <p>Use small amount of steam not to wet the metal too much.</p> |
| <p><u>Carpets</u></p> <p>You can clean and maintain carpets (test an inconspicuous spot)</p> |  <p>Vacuum the entire area before steam cleaning. Check the color retention and soil adhesion by doing a test cleaning on small inconspicuous area. After assessing the results continue with the cleaning process. First treat the stains with a jet nozzle (without touching the tip of the nozzle to the carpet) and mop up the separate spots with a towel. Then clean with a small amount of steam and with the rectangular brush.</p> | <p>low medium steam</p> <p>If you are allergic to dust mites or you have pets, the carpets should be cleaned more often.</p> |




Advice and Tips

| Use | Accessories | Amount of steam |
|---|---|----------------------------|
| <p><u>Parquet and floor laminate</u></p> <p>For parquet floors, types of wood can vary but all can be cleaned easily if they are properly sealed.</p> |  <p>For cleaning parquet flooring use the rectangle brush with stretched thermofiber. Clean with a small or medium amount of steam. Slide evenly on the surface. Replace the thermofiber towel frequently to prevent moisture from soaking into the floor.</p> | <p>Low or Medium steam</p> |
| <p><u>Plastic</u></p> <p>Plastics surfaces are found everywhere - So use steam to easily clean plastic items</p> |  <p>For less soiled areas use the low steam setting so the surface will dry faster. For heavily soiled areas you can easily clean on the medium steam setting. You can use most of the included accessories for cleaning plastics.</p> | <p>All steam settings</p> |




Advice and Tips

| Use | Accessories | Amount of steam |
|--|--|---|
| <u>Radiators</u> |  <p>Clean large areas of the radiator with the triangular brush with a thermofiber towel. Clean the ribbed areas with the jet nozzle. The dust will moisten and fall in clumps for easy removal.</p> | <p>Medium or High steam</p> <p>Use a drop cloth. to catch soils as they fall.</p> |
| <u>Window frames</u> Trims, grooves and gaps are now cleaned very easily. |  <p>For cleaning frames use the Jet nozzle with or without a brush attachment. Dissolve the dirt with a little steam in the hard to reach places and then wipe away with thermofiber towel.</p> | <p>Medium steam</p> <p>For wooden trim- clean with minimal amounts of steam.</p> |
| <u>Plants</u> Special green plants and dry plants. |  <p>Place a towel under the plant to absorb dust and moisture. Treat the plant carefully with steam from the jet nozzle from a safe distance.</p> | <p>LOW or Medium steam</p> <p>Just spray lightly and wipe</p> |




Advice and Tips

| Use | Accessories | Amount of steam |
|---|--|--|
| <p><u>Rattan</u></p> <p>Cleaning the dust from rattan furniture and woven armchairs is difficult.</p> |  <p>Treat woven furniture with the jet nozzle on low steam then wipe with thermofiber towel.</p> | <p>Low, Medium or High steam</p> <p>Keep a cloth behind the weaves to absorb the dust.</p> |
| <p><u>Bathrooms</u></p> <p>Bathtubs, bidets, showers, toilets, sinks, floors and more.</p> |  <p>Clean larger surfaces with the large rounded brush. Use the jet nozzle for the corners. For cleaning plastic sinks and tubs use a nylon brush.</p> | <p>Low steam</p> <p>Thanks to steam cleaning your bathroom will leave a mirror-smooth finish on tiles and similar surfaces</p> |
| <p><u>Drains</u></p> <p>Cleaning the drain of showers, bathrooms and kitchens without dismantling plumbing and without any chemicals.</p> |  <p>Use the Jet nozzle and drain tool to clean and unclog. Then rinse with clean water.</p> | <p>High steam</p> <p>Quick and chemical free.</p> |

Advice and Tips

| Use | Accessories | Amount of steam |
|---|--|---|
| <p><u>Car windows</u></p> <p>During rain deposits of silicone and dirt cause the formation of drops and streaks resulting in poor visibility.</p> |  <p>Use the jet nozzle and then wipe with thermofiber towel. Keep a distance of minimum 1 inch from safety glass (car windscreens).</p> | <p>Medium steam</p> <p>Clean windows are safe windows.</p> |
| <p>Glass</p> |  <p>Any glass...be sure to avoid direct contact between the surface and the nozzle. Dissolve stubborn dirt with a nylon brush.</p> | <p>Low steam</p> <p>Optional: You can clean larger glass surfaces with the rectangular brush and thermofiber towel.</p> |
| <p><u>Upholstery</u></p> <p>Upholstery is made from a variety of materials such as dralon, viscose, cotton, blended fabric, leather and more. Be sure to perform a test cleaning. Clean a small inconspicuous area then let it dry.</p> |  <p>For non-sensitive materials or for upholstery you can clean directly with the triangular brush and thermofiber towel. Treat cotton, blended fabrics, etc., from distance of about 5 in. then wipe with thermofiber towel</p> | <p>Medium or High steam</p> <p>Clean your upholstery regularly.</p> |

Advice and Tips

| Use | Accessories | Amount of steam |
|---|--|---|
| <p><u>Tiles / grout</u></p> <p>There are many different types of tiles. Almost all tiles can be cleaned very well with your APX1100</p> |  <p>Clean your tiles with the rectangle brush with a thermofiber towel attached. Select low steam so the tiles can dry faster. For stubborn stains use high steam and a plastic brush.</p> | <p>Low, Medium or High steam</p> |
| <p><u>Sensitive surfaces</u></p> |  <p>For cleaning sensitive surfaces - test cleaning in a hidden spot is recommended. Always NHHS sufficient distance from the surface. A nylon brush is particularly suitable for dirt removal of surfaces that are sensitive. Wipe surfaces with thermofiber towel to finish.</p> | <p>Low, Medium or High steam</p> |
| <p><u>Blinds</u></p> <p>Clean blinds efficiently inside and outside.</p> |  <p>If you press too much, you can bend the blinds, USE CAUTION Clean outside shutters with the rectangle brush and a thermofiber.</p> | <p>Low steam</p> <p>Use a Light touch for blinds.</p> |

Cleaning and maintenance

Always pull the power plug from the socket before cleaning or maintenance of the appliance. The following operations must be carried out by competent and trained professionals! Please contact APEX for Service and Procedures.

Removal of scale deposits in the steam generator

Depending on the hardness of the tap water the machine must be cleaned of limestone deposits every 4 to 6 months. Before De-scaling :

- ▶ Pull out the plug from the socket;
- ▶ Wait until the APX1100 is cool and completely de-pressurized
- ▶ Unscrew boiler cap (1) by using the boiler key included with your machine and pour any water out from the boiler;
- ▶ After complete cooling, open the filler cap of boiler (1) and pour out the water;
- ▶ Close the boiler again using the screw. Watch if the screw seal lies in correct position;
- ▶ Follow De-scaling procedure after contacting Apex steam. www.apexsteam.com for video help.



- ▶ Do not use any chemicals for cleaning of scale, during normal operation;

Additional Accessories



Scrub pads



Universal brush



Triangular brush



Point nozzle



Point nozzle



Funnel for filling



Steam hose



* Thermofiber towel



Extension tubes



Boiler drain key



Rectangular and
Triangular pads



Round bronze brush



Round stainless
steel brush



Round Nylon brush



Plunger - Drain
opener



Round pad holder



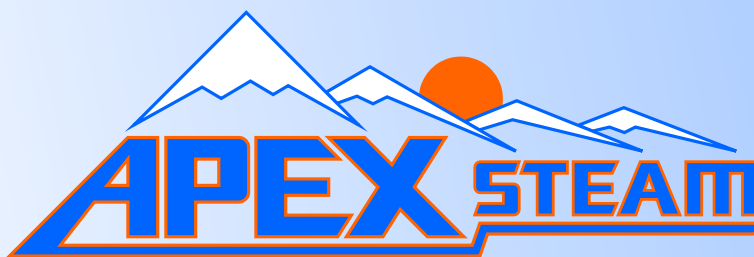
Round bronze brush



Round nylon brush

* **Accessories that are not included in the kit.** To obtain optional accessories, please, contact your authorized APEX STEAM sales representative. Thank you!

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