



USER GUIDE
CONSUMER EDITION

INTRODUCING PERLAGE...

The Perlage Champagne Preservation System is a revolutionary new product designed to conserve the qualities of sparkling wine once the bottle has been opened. The system works by restoring the headspace of the bottle to exactly the condition that existed before the cork was removed. Both the wine's effervescence and balance on the palate are preserved using the Perlage System. Properly used, an open bottle will keep for weeks. The system is easy to use and will allow you to enjoy sparkling wine without ever wasting a drop.

The Perlage System consists of an enclosure that surrounds the bottle for safety, and a pressurizer that provides a source of carbon dioxide. In the box, there is also an extra valve and six 16-gram Perlage Champagne-certified CO₂ cartridges. Some models also include an 8-gram cartridge adaptor.



Fig. 1: Insert cartridge with tip pointing out of cup



Fig. 2: Shell (1), cap (2), base (3), and booster (4)



Fig. 3: Booster position for tall bottles and short bottles



Fig. 4: Place bottle in base, concave side up

HOW TO USE THIS PRODUCT

1. INSTALL CO₂ CARTRIDGE IN THE PRESSURIZER

Unscrew the two halves of the pressurizer and remove the 8-gram CO₂ cartridge adaptor if included. Put it aside for possible future use with 8-gram food grade CO₂ cartridges.

Place one of the provided 16-gram Perlage Champagne-certified CO₂ cartridges inside the “cup” with the narrow neck of the cartridge pointing upwards (**Figure 1**). Screw cup onto the body of the pressurizer unit until tight. Do not over tighten—if you can’t hear any gas escaping, it is tight enough. It is now ready for use. There may be a small gap between the cup and the body of the pressurizer when you screw it back together.

2. PLACE OPEN BOTTLE IN THE ENCLOSURE

The enclosure consists of four parts: the shell (1), the cap assembly (2), the base (3), and a removable cup-shaped booster that sits in the base (4) (**Figure 2**).

Unscrew the shell from the base, and unscrew the cap completely from the shell.

Note that the booster can be placed in the base either concave up (like a cup) or concave down (like a plateau), to accommodate different bottle heights (**Figure 3**). When trying to determine which orientation is appropriate for a given bottle, always begin with the booster in the concave-up position.

Set the bottle in the base and booster assembly, concave side up (**Figure 4**). Place the clear shell over the bottle, with the cap completely removed. Engage the threads of the shell into the base. Twist the shell clockwise until it stops. Tighten only finger-tight (**Figure 5**).

3. DETERMINE PROPER BOOSTER ORIENTATION

You will know if the bottle is too short if the shell is screwed

all the way into the base, and the bottle is still not securely held in place by the lip of the shell pushing down on the flange just beneath the lip of the bottle (**Figure 6**). If this is the case, flip the booster in the bottom of the base and place the bottle on the booster. Now screw the shell down over the bottle as before. Again, tighten only finger-tight.

If the shell is screwed down as far as it will go and the threads of the shell are still showing above the top of the base, the booster is either in the wrong orientation, or you may have encountered a bottle that is too tall for the enclosure (**Figure 7**). Flip the booster over to the concave up position and try again. If threads are still showing, do not use the product on that bottle.

4. PURGE AIR FROM THE HEADSPACE OF THE BOTTLE (OPTIONAL)

To lessen the effects of oxidation, you can purge air from the bottle with the pressurizer. Tilt the enclosure at a 45 degree angle and place the tip of the pressurizer just inside the lip of the bottle, then press the trigger on the pressurizer for 2-5 seconds (**Figure 8**). The larger the headspace, the more CO₂ must be dispensed to effectively purge the oxygen.

5. SCREW THE CAP ONTO THE SHELL

Put the cap on the top of the shell and screw it on (**Figure 9**). You need only turn the cap about another half turn after it stops turning freely. This will create a seal with the top of the bottle. *Do not over tighten.*

6. RE-PRESSURIZE THE BOTTLE.

Again holding the enclosure at 45 degrees, push the conical tip of the pressurizer against the conical indentation on the top of the cap, taking care that the pressurizer tip is aligned squarely with the indentation (**Figure 10**). Press the trigger on the pressurizer and hold it down until the flow of CO₂



Fig. 5: Screw shell into base until lip of shell engages bottle

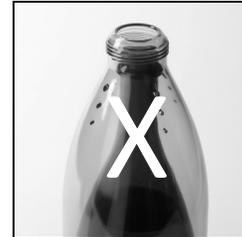


Fig. 6: Booster needs to be flipped concave side down



Fig. 7: Booster needs to be flipped concave side up



Fig. 8: Purge air from the headspace. HOLD AT 45° ANGLE



Fig. 9: Screw cap on with gentle force



Fig. 10: Repressurize the headspace. HOLD AT 45° ANGLE



Fig. 11: Pour another glass directly from the enclosure

stops. This will take 5-20 seconds, depending on how full the bottle is. You will be able to hear when the gas has stopped flowing; release the trigger when you can no longer hear gas flowing.

7. PUT ENCLOSURE IN REFRIGERATOR

Even though the Enclosure can be stored on its side, it is preferable to store it upright.

8. SERVE ANOTHER GLASS

When you want to pour another glass of sparkling wine, **slowly** unscrew the cap to release the gas, and then remove the cap. You need not remove the bottle from the enclosure; you may pour the wine directly from the enclosure (**Figure 11**).

TIPS AND TROUBLESHOOTING

- Whenever dispensing gas from the pressurizer, it is important that the end of the CO₂ cartridge is lower than the tip, so that liquid CO₂ doesn't flow into the regulator and cause dry ice to form. This will not harm the filler, but it will impede the flow of gas for 30-60 seconds until the ice evaporates. To ensure that this does not happen, you will need to **tilt the enclosure at approximately a 45 degree angle** when dispensing gas, so that the pressurizer can be held in such a way that the CO₂ cartridge is closer to vertical, which will keep liquid CO₂ from flowing into the dispensing mechanism.
- When you are repressurizing the bottle, it is sometimes difficult to know whether gas stops flowing because the bottle is fully pressurized, or the cartridge is empty. To test this, after each filling, hold the filler up and press the trigger briefly. If the gas doesn't flow out as vigorously as when the cartridge was new, then the cartridge is probably empty. You will have to replace the car-

tridge and continue filling the bottle. You will get 2-4 fillings from one cartridge, depending on usage.

- The first use of a new cartridge is more subject to dry ice blockage than subsequent fillings, even if the tip of the pressurizer is held higher than the cartridge as recommended. If the pressurizer unit seems not to have rapid gas flow even with a new cartridge, simply wait a minute or so for the dry ice blockage to evaporate.
- If the tip of the pressurizer is properly aligned, you will need only a small force to create a proper seal while filling the bottle. If you hear a hissing sound as you repressurize the bottle, gas is escaping while filling. Try adjusting the angle of the filler to get better alignment, or push down a little harder on the pressurizer to make a better seal.
- If you pull the pressurizer away and hear gas escaping from the cap region you may need to screw the cap down a little tighter.
- Be careful not to over tighten the cap, as this could make the cap difficult to remove and damage the integrity of the seal. You should be able to achieve the proper force with your finger tips.
- Don't over tighten the base, as this can make it difficult to unscrew afterwards. It need only be tightened finger tight.
- Sparkling wines are naturally rather resistant to oxidation, because the efflux of CO₂ (which is more dense than air) from the surface of the wine tends to form a protective layer between the wine and any oxygen in the bottle. So whether to perform the step of purging the air from the headspace of the bottle before repressurizing depends on how long you expect the wine to be kept, and the economy of CO₂ use relative to the quality of the wine you are trying to preserve.

- The sooner the system is used after opening the bottle, the better. If it is inconvenient to use the system immediately after opening a bottle, choose a conventional stopper instead and return it to the refrigerator or put on ice until the bottle can be properly resealed and repressurized using the Perlage System.
- Standard 8-gram food-grade CO₂ cartridges can be used with the adaptor provided (if included with your model). Place the adaptor in the cup of the pressurizer, and then place the 8-gram cartridge into the adaptor. The pressurizer will now function as before, but each cartridge will generally only be good for one or two pressurizations. Use *only* food-grade CO₂ cartridges.
- If your enclosure is not holding pressure over time, it is possible that the valve is leaking. You can check this by placing a teaspoon of water in the top of the cap, and letting it sit for a few minutes. If there is a constant production of bubbles, you should change the valve with the spare supplied (see Product Care).
- Even a perfect valve will lose some pressure over time. If you intend to keep an open bottle for a particularly long time, you may wish to top it up to full pressure every week or so to prevent any pressure loss.

CAUTIONS

 **USE THIS PRODUCT ONLY WITH SPARKLING WINES.** The Perlage System is intended for use only with highly carbonated sparkling wines. If the wine does not come with a cork that is held in place by a wire cage, the wine is likely not a highly carbonated sparkling wine, and hence the bottle may not be strong enough to withstand the pressures used in the Perlage System. ***Use of such a bottle in the product constitutes a hazard, and should not be attempted.***

⚠ When screwing the shell to the base, make sure the cap is off. Otherwise, the lip of the bottle may contact the valve before the shell is all the way screwed down, and the cap may not have enough threads engaged to hold it securely on. This can cause the cap to blow off unexpectedly.

⚠ The booster must be in place for safe and proper usage. Do not use product without the booster.

⚠ Do not pressurize the bottle if the threads at the base of the clear shell are showing above the base. This means that the shell is not properly engaged.

⚠ Once pressurized, contents of enclosure are under pressure. Unscrew cap slowly to release pressure before removing cap. Protect pressurized enclosure from impact.

⚠ This product uses compressed gas. Contents of CO₂ cartridges are under pressure. Do not puncture or heat above 120F / 49C. Do not inhale or discharge the pressurizer towards face or body. Keep dispenser and cartridges out of the reach of children.

PRODUCT CARE

After each bottle is finished, remove it from the enclosure by first unscrewing the cap to release any pressure, and then unscrew the base and remove the bottle. Clean the underside of the cap with detergent and warm water, and rinse thoroughly. Wash the entire unit by hand with soap and warm water. **Do not use dishwasher.**

Should it be necessary to replace the valve, a spare has been included in the package. Using your fingertips, pull the valve out of the underside of the cap (**Figure 12, 13**). Push the new valve into place. Make sure the round disk is properly located in the cap, with the conical hole pointing up (**Figure 14**). The valve and disk should spin freely if properly installed.



Fig. 12: Grasp valve with fingertips and remove



Fig. 13: Press new valve in with fingertips



Fig. 14: Make sure conical hole in red disk points up

ORDERING

To order replacement 16-gram Perlage Champagne-grade CO₂ cartridges and replacement parts, please go to our Web site at www.perlagesystems.com.

CUSTOMER SUPPORT

If you have any questions or need technical support please contact us in any one of the following ways:

Email:

info@perlagesystems.com

Phone:

(206) 973-7500

(866)-PERLAGE

Fax

(509) 271-8372

Web

www.perlagesystems.com

Mail

Perlage Systems, Inc.
1507 Western Ave., Suite 606
Seattle, WA 98101

WARRANTY

Perlage Systems Inc. warrants that the Perlage System for Champagne and sparkling wine preservation will be free from defects in materials and workmanship for a period of six (6) months from the date of shipment. If the product proves defective during the warranty period, Perlage Systems Inc. at its option, will:

- (1) Repair the product by means of telephone support or depot service at no charge for parts or labor,
- (2) Replace the product with a comparable product which may be new or refurbished or,
- (3) Refund the amount paid for the product, less a reasonable allowance for usage, upon its return.

Perlage Systems Inc. recommends the Customer first utilize support materials shipped with the product and Perlage Systems Technical Support. If unsuccessful, to obtain service under this warranty the Customer must notify Perlage Systems Inc. or its authorized service representative of the defect before the expiration of the warranty period. Customers will provide appropriate assistance to Support personnel to resolve issues. If Support is unsuccessful, Perlage Systems Inc. or its authorized service representative will instruct the customer on how to receive warranty repair. Service is available in the United States for products purchased in and outside of the United States. Perlage Systems Inc. reserves the right to charge for service in exceptional cases.

A description of the depot process may be obtained from the Perlage Systems Inc. Customer Support Center or authorized reseller/distributor. Depot service is at Perlage Systems Inc. or its authorized service representative's sole discretion.

In the maintenance of the product, Perlage Systems Inc. may use new or equivalent-to-new parts, assemblies, or products for equal or improved quality. All defective parts, assemblies, and products become the property of Perlage Systems Inc.. Perlage Systems Inc. may require the return of parts, assemblies and products to a designated Perlage Systems Inc. depot, or to the Perlage Systems Inc. representative from which the part, assembly, or product was originally purchased. Return and claims will be handled according to the current Perlage Systems Inc. procedures.

Perlage Systems Inc. warrants that the Perlage hand-held pressurizer will function properly and safely for a period of six months. Should this product fail to perform safely or properly, please contact Perlage Systems Inc. Customer Service department for return authorization information. Warranty excludes improper or unsafe use, abuse, or any use that is not consistent with the operating instructions and warnings.

Perlage Systems Inc. warrants that the Perlage CO₂ cartridges will be free from defects in materials and workmanship until the original CO₂ cartridge has been depleted. Under this warranty, the Customer must notify Perlage Systems Inc. or its authorized service representative of the defect before the expiration of the warranty period. Warranty excludes improper or unsafe use, abuse, or any use that is not consistent with the operating instructions and warnings. PERLAGE SYSTEMS INC. MAY REQUIRE THAT THE DEFECTIVE CO₂ CARTRIDGE BE RETURNED TO A DESIGNATED PERLAGE SYSTEMS INC. DEPOT OR THE PERLAGE SYSTEMS INC. REPRESENTATIVE FROM WHICH THE CARTRIDGE WAS ORIGINALLY PURCHASED. Claims will be handled according to the current Perlage Systems Inc. procedures.

For the Perlage Commercial pressurizer, these warranties shall not apply to any defect, failure or damage caused by improper use or improper or inadequate maintenance and care. Perlage Systems Inc. shall not be obligated under these warranties:

- a) To repair damage resulting from attempts by personnel other than Perlage Systems Inc. representatives to install, repair or service the product unless directed by a Perlage Systems Inc. representative.
- b) To repair damage, malfunction, or degradation of performance resulting from improper use or connection to incompatible equipment.

- c) To repair damage, malfunction, or degradation of performance caused by the use of non-Perlage Systems Inc. supplies or consumables or the use of supplies not specified for use with this product.
- d) To repair an item that has been modified or integrated with other products when the effect of such modification or integration increases the time or difficulty of servicing the product or degrades performance or reliability.
- e) To perform user maintenance or cleaning or to repair damage, malfunction, or degradation of performance resulting from failure to perform user maintenance and cleaning as prescribed in published product materials.
- f) To repair damage, malfunction, or degradation of performance resulting from use of the product in an environment not meeting the operating specifications set forth in the user manual.
- g) To repair damage, malfunction, or degradation of performance resulting from failure to properly prepare and transport the product as prescribed in published product materials.
- h) To replace items that have been refilled, are used up, abused, misused, or tampered with in any way.
- i) To install replacement items that are considered customer replaceable.
- j) To support parts not supplied by Perlage Systems Inc.
- k) To provide parts or hardware updates or upgrades.

Any service identified in the above list and provided by Perlage Systems Inc. at the Customer's request, shall be invoiced to Customer at Perlage Systems Inc. then-current rates for parts, labor and travel.

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