

Update: July 2022

# PHANTOM GLIDE

Apply once, glide forever.

## INSTRUCTIONS

High performance base treatment to improve gliding surfaces.

EN





PHANTOM requires specific UV light and temperature conditions to cure properly. We recommend a professional application where possible. PHANTOM erfordert bestimmte UV-Licht- und Temperaturbedingungen, um richtig auszuhärten. Wir empfehlen, wenn möglich, eine professionelle Anwendung. PHANTOM nécessite une lumière UV et des conditions de température spécifiques pour bien durcir. Nous recommandons une application professionnelle lorsque cela est possible. Per una polimerizzazione corretta, PHANTOM richiede condizioni specifiche di luce UV e temperatura. Si raccomanda un'applicazione professionale, ove possibile. PHANTOM nécessite des conditions spécifiques de température et de lumière UV pour durcir correctement. Nous vous recommandons une application professionnelle lorsque cela est possible. PHANTOMは、適切にキュアするために特定のUV光と温度条件を必要とします。できる限り、プロによる施工をされるようお勧めします。PHANTOM을 이용하여 올바르게 관리하려면 특정 UV 조명 및 온도 조건이 필요합니다. 당사는 가능하면 전문적인 적용을 추천합니다. PHANTOM trenger et bestemt UV-lys og riktige temperaturforhold for korrekt herding. Vi anbefaler at dette gjøres av en profesjonell der det er mulig. PHANTOM kräver specifika UV-ljus- och temperaturförhållanden för att hårdna ordentligt. Vi rekommenderar en professionell applicering när det är möjligt.

Warning: Flammable liquid and vapor. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Liquid can cause eye and skin irritation. Use in a well ventilated area and wear protective gloves, eye and face protection. Please read all instructions and warnings before starting. **Once cured on a ski or snowboard, this is an inert material that is non-hazardous and emits no vapors.** Warnung: Flüssigkeit und Dampf sind brennbar. Von Wärme, heißen Flächen, Zündfunken, offenem Feuer und anderen Zündquellen fernhalten. Flüssigkeit kann zu Augen- und Hautreizungen führen. In gut belüfteten Bereichen verwenden und Schutzhandschuhe, Augen- und Gesichtsschutz tragen. Bitte lesen Sie vor Beginn alle Anweisungen und Warnhinweise. **Nach dem Aushärten auf dem Ski oder Snowboard ist das Material inaktiv und ungefährlich und emittiert keine Dämpfe.** Avertissement : Liquide et vapeurs inflammables. Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes vives et autres sources de combustion. Le liquide peut provoquer une irritation des yeux et de la peau. Utilisez-le dans un endroit bien ventilé et portez des gants de protection, un appareil de protection des yeux et du visage. Veuillez lire toutes les instructions et tous les avertissements avant de commencer. **Une fois durci sur un ski ou un snowboard, il s'agit d'un matériau inerte, non dangereux et n'émettant aucune vapeur.** Attenzione: Liquido e vapore infiammabili. Tenere lontano da calore, superfici calde, scintille, fiamme libere e altre fonti di accensione. Il liquido può causare irritazioni agli occhi e alla pelle. Utilizzare in un'area ben ventilata e indossare guanti protettivi e protezioni per occhi e viso. Leggere tutte le istruzioni e le avvertenze prima di iniziare. **Una volta polimerizzato su uno sci o uno snowboard, questo materiale è inerte, non pericoloso e non emette vapori.** Avertissement : Liquide et vapeur inflammables. Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et autres sources d'inflammation. Le liquide peut provoquer une irritation des yeux et de la peau. Utilisez dans un endroit bien ventilé et portez des gants et un appareil de protection pour les yeux et le visage. Veuillez lire toutes les instructions et tous les avertissements avant de commencer. **Une fois durci sur un ski ou une planche à neige, ce matériel est inerte, non dangereux et n'émet aucune vapeur.** 警告:可燃性の液体および蒸気。熱、高温の表面、火花、裸火、その他の発火源から遠ざけてください。液体は、目や皮膚の炎症を引き起こす可能性があります。換気の良い場所で使用し、保護手袋、目および顔の保護具を着用してください。開始する前に、説明書と警告をすべてお読みください。不活性材料ですから、一旦、スキーやスノーボードへのキュア施工をした後は、無害となり、蒸気を放出することはありません。경고: 가연성 액체 및 증기. 열, 뜨거운 표면, 스파크, 불꽃 및 기타 점화원으로부터 멀리 떨어져 있어야 합니다. 액체는 눈과 피부를 자극할 수 있습니다. 환기가 잘 되는 곳에서 사용하고 보호 장갑, 눈 및 얼굴 보호구를 착용해야 합니다. 시작하기 전에 모든 지침 및 경고를 읽어 보십시오. 이것이 일단 스키나 스노보드에서 경화되면 위험하지 않고 증기를 배출하지 않는 비활성 물질입니다. Advarsel: Brannfarlig væske og damp. Hold unna varme, varme overflater, gnister, åpen ild og andre antennelseskilder. Væske kan forårsake øye- og hudplager. Bruk i et godt ventilert område og ha på deg vernehansker, -briller og -maske. Les alle instruksjonene og advarene før du starter. **Når herding er utført på ski eller snowboard, er dette et inert materiale som er ufarlig og ikke avgir noen avgasser.** Varning: Brandfarlig vätska och ånga. Håll borta från värme, heta ytor, gnistor, öppna lågor och andra antändningskällor. Vätskan kan orsaka ögon- och hudirritation. Använd på en välventilerad plats och bär skyddshandskar, ögon- och ansiktsskydd. Läs alla instruktioner och varningar innan du börjar. **När det väl har hårdat på en skida eller snowboard är detta ett trögt material som är ofarligt och inte avger några ångor.**

In the event of a medical or chemical emergency contact ChemTel, North America +1-800-255-3924 or Worldwide +1-813-248-0585. All other non-emergency inquiries about the product should be directed to DPS Skis: +1-801-413-1737 or Toll Free DPS Skis, North America +1-833-DPS-SKIS (+1-833-377-7547) or phantom.support@dpsskis.com. Bei einem medizinischen oder chemischen Notfall kontaktieren Sie bitte ChemTel, in Nordamerika +1-800-255-3924 oder weltweit +1-813-248-0585. Alle sonstigen nicht dringenden Anfragen zum Produkt richten Sie bitte an DPS Skis: +1-801-413-1737 oder gebührenfrei an DPS Skis, Nordamerika +1-833-DPS-SKIS (+1-833-377-7547) oder an phantom.support@dpsskis.com. En cas d'urgence médicale ou chimique, contactez ChemTel, depuis l'Amérique du Nord au +1-800-255-3924 ou depuis le reste du monde au (+01)-1-813-248-0585. Toutes les autres questions non urgentes concernant le produit doivent être adressées à DPS Skis: (+01)-1-801-413-1737 ou le numéro gratuit de DPS Skis, depuis l'Amérique du Nord +1-833-DPS-SKIS (+1-833-377-7547) ou via e-mail à phantom.support@dpsskis.com. In caso di emergenza medica o chimica, contattate ChemTel, America Settentrionale +1-800-255-3924 o Resto del mondo +1-813-248-0585. Tutte le altre richieste di informazioni non urgenti sul prodotto devono essere indirizzate a DPS Skis: +1-801-413-1737 o Numero Verde DPS Skis, America Settentrionale +1-833-DPS-SKIS (+1-833-377-7547) o phantom.support@dpsskis.com. En cas d'urgence médicale ou chimique, contactez ChemTel, Amérique du Nord +1 800 255-3924 ou dans le monde entier +1 813 248-0585. Toutes les autres questions non urgentes concernant le produit doivent être adressées à DPS Skis: +1 801 413-1737 ou le numéro gratuit de DPS Skis, Amérique du Nord +1 833 377-7547) ou à l'adresse: phantom.support@dpsskis.com. 医学的または化学的緊急事態が発生した場合は、北米のChemTel+1-800-255-3924またはワールドワイドの+1-813-248-0585に連絡してください。製品に関するその他の緊急ではないお問い合わせはすべて、DPSスキー宛てにお願い致します:+1-801-413-1737またはフリーダイヤルDPSスキー、北米 +1-833-DPS-SKIS (+1-833-377-7547) またはphantom.support@dpsskis.com。 의료 또는 화학적 응급 상황이 발생할 경우 ChemTel, +1-800-255-3924(북미) 또는 +1-813-248-0585(전세계)로 문의하십시오. 제품에 대한 기타 비상시 문의는 모두 아래와 같이 DPS Skis로 전화나 이메일로 문의해야 합니다. +1-801-413-1737 또는 Toll Free DPS Skis, 북미 +1-833-DPS-SKIS(+1-833-377-7547) 또는 phantom.support@dpsskis.com. Ved en medisinsk eller kjemisk nødsituasjon, kontakt ChemTel, Nord-Amerika +1-800-255-3924 eller resten av verden +1-813-248-0585. Alle andre henvendelser om produktet skal reddes til DPS Skis: +1-801-413-1737 eller avgiftsfritt DPS Skis, Nord-Amerika +1-833-DPS-SKIS (+1-833-377-7547) eller phantom.support@dpsskis.com. I händelse av en medicinsk eller kemisk nödsituation, kontakta ChemTel, Nordamerika +1-800-255-3924 eller internationellt +1-813-248-0585. Alla andra icke-brådskaande förfrågningar om produkten bör riktas till DPS Skis: +1-801-413-1737 eller gratis DPS Skis, Nordamerika +1-833-DPS-SKIS (+1-833-377-7547) eller phantom.support@dpsskis.com.

Contains: Organometallic Compounds. Enthält: Organometallische Verbindungen. Contient : Composés organométalliques. Contiene: Composti Organometallici. Contient : Composés organométalliques. 含まれるもの:有機金属化合物。 포함: 유기금속 화합물. Inneholder: Organometalliske forbindelser. Innehåller: Organometalliska föreningar.

## PHANTOM Cure Station

Model: \_\_\_\_\_

Serial #: \_\_\_\_\_

# OVERVIEW

PHANTOM Cure Station™ and PHANTOM Glide™ are designed to work together in a shop environment to provide consistent and rapid UV cure for skis and snowboards. The formula has been specifically designed and tested with the temperature and UV concentration and combinations of wavelengths created by this equipment. No processes other than using the cure station as described, or following the instructions for natural outdoor strong sunlight cure, should be attempted.

Please read the PHANTOM Glide™ bulk application instructions and warnings before beginning.

Minimum recommended shop temperature is 58°F/15°C for a reasonable 15-30 minute cure station preheat. Longer preheat may be required at lower starting ambient temperatures.

Refer to Storage and Handling instructions (pg 12) for correct care of your PHANTOM Glide™.

Each bulk bottle contains 300ml of PHANTOM Glide™ liquid.

Disposal: If entire contents of individual packets or bulk containers are not used up, remaining liquid can be poured into absorbent cloth or paper and disposed of once entirely dry.

Please contact DPS Skis at +1.801.413.1737 or [phantom.support@dpskiskis.com](mailto:phantom.support@dpskiskis.com) if you have any troubles or questions regarding the PHANTOM Cure Station™ or PHANTOM Glide™.

## Manufacturer:

Drake Powderworks, Inc.

DBA: DPS Skis

647 South 600 West

Salt Lake City, UT 84101

USA

Phone: +1.801.413.1737

Email: [phantom.support@dpskiskis.com](mailto:phantom.support@dpskiskis.com)

Website: [www.phantomglide.com](http://www.phantomglide.com)

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Voltage: 110 VAC  
Nominal Current: 6 A  
Frequency: 60 Hz  
Made in: Salt Lake City, Utah, U.S.A.



Voltage: 220 VAC  
Nominal Current: 3 A  
Frequency: 50 Hz  
Made in: Salt Lake City, Utah, U.S.A.



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## Definitions of symbols:



**Flammable**

**Caution:**

- Two Person Lift Required. PHANTOM Cure Station™ is a long, heavy object.
- Hot Surface. Do not touch the internal heating unit during or after operation.
- Disconnect PHANTOM Cure Station™ from power source when servicing.

**Cleaning Information**

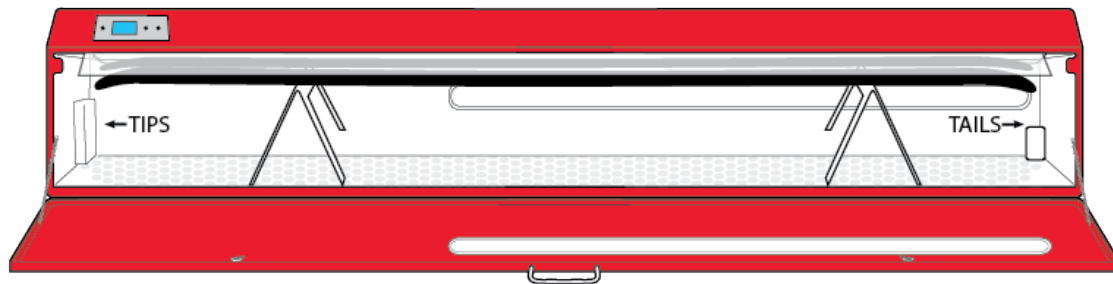
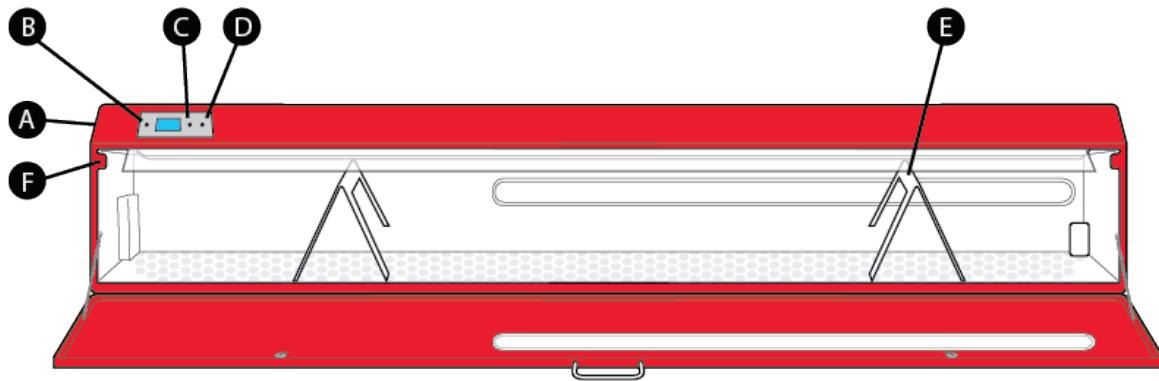
Over time moisture or evaporative residue may build up inside of the station. Wear appropriate gloves and wipe down first with a damp absorbent cloth or paper and then give a final wipe down with a dry absorbent cloth or paper.

**IMPORTANT Power Cable Information**

Please, ensure that your PHANTOM Cure Station™ is electrically rated to operate with the AC power available in your location. North America voltage: 110 VAC. Europe and Japan voltage: 220 VAC.

- Only use the power cable that was provided with your PHANTOM Cure Station™.
- Do not plug the equipment power cable into an electrical outlet if the power cable is damaged.
- To prevent electric shock, plug the equipment power cable into properly grounded electrical outlets. If the equipment is provided with a 3-prong power cable, do not use adapter plugs that bypass the grounding feature, or remove the grounding feature from the plug or adapter.
- Connect the power cable to a grounded electrical outlet only.
- If you use an extension power cable, ensure that the total ampere rating of the products plugged in to the extension power cable does not exceed the ampere rating of the extension cable.
- If you must use an extension cable or power strip, ensure the extension cable or power strip is connected to a wall power outlet and not to another extension cable or power strip. The extension cable or power strip must be designed for grounded plugs and plugged into a grounded wall outlet.
- If you are using a multiple-outlet power strip, use caution when plugging the power cable into the power strip. Some power strips may allow you to insert a plug incorrectly. Incorrect insertion of the power plug could result in permanent damage to your equipment, as well as risk of electric shock and/or fire. Ensure that the ground prong of the power plug is inserted into the mating ground contact of the power strip.
- Be sure to grasp the plug, not the cable, when disconnecting equipment from an electric socket.

# OPERATION



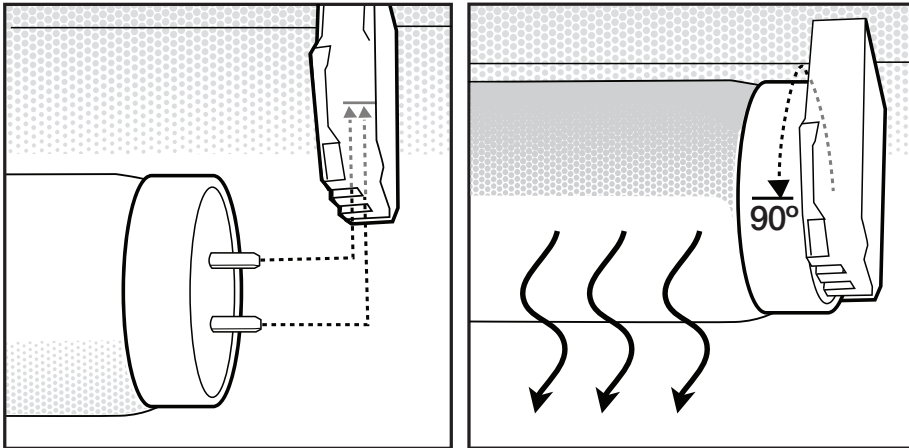
- A** Power Cord Inlet/Main Power Switch
- B** Preheat
- C** Start
- D** Cancel
- E** Saw Horse
- F** Door Limit Switch

# INITIAL CURE STATION SET UP

## STEP 1

Install the 4 custom UV light bulbs into the light clips. Insert with pins vertical and rotate 90° until “click”.

- A. Best if done by two people to securely insert each end to the light clips.
- B. UV light is directional. Make sure the bulb logo faces down once installed.



## STEP 2

Attach the supplied power cord to **A**

**NOTE:** If a firmware update is required, you will be sent an email with a zipped firmware code. You then install the cord into the slot in the back left side of the display screen **B** and follow the emailed instructions to install.

To switch between Fahrenheit and Celsius, at initial power up press “cancel” to toggle between Fahrenheit (F) or Celsius (C).

Pushing cancel at initial power up will display current installed firmware version, i.e. 2.49 Fahrenheit (F).

## STEP 3

The door limit switch (G) may need to be adjusted in/out to ensure switch activation, while not creating a significant gap in the door seal. Do this by adjusting the order of the nuts holding the switch onto the metal tab. If any issues persist please contact us.

# HOW TO OPERATE CURE STATION

## STEP 1

Turn on the main power switch on the back left **A**

## STEP 2

**Triple display button (Cure Station version 2 and up):**

- a. With the door closed, press Preheat once. Both the heater and fan and the 4 UV lights should be on during Preheat.
  - i. After temperature is reached, the station will maintain this temperature for a maximum of two hours and will automatically shut off if there is no activity.
- b. Insert the gear base side up centered under the lights, close the door, and press the **Start** button. The cure cycle timer will only be initiated at this point if 'Ready to Cure' is displayed. Have the door open for minimum time to retain heat and ensure efficient curing.
- c. To cancel at anytime during Preheat, or a cure cycle, press **Cancel**.



### NOTE:

- Initial preheat can take up to 30 minutes depending on ambient temperatures.
- The station is not designed for shop temperature below 58°F/14°C or may take longer to preheat.
- The first few heat cycles may have a slight burning odor while the heating elements clean off any manufacturing oils or dust.

# HOW TO APPLY PHANTOM GLIDE™

**NOTE:** These instructions are only applicable to PHANTOM Glide™, a spray-on product released in Winter of 2021/2022. PHANTOM 2.0 from 2018 is a two-part process requiring a Part A cure and a Part B cure. PHANTOM CSF from 2019 is offered in bulk bottles for shops and demo needs and is a one-part process with a single cure. Instructions for both PHANTOM 2.0 and PHANTOM CSF have key differences, and can be found at:  
CSF: <https://csf.phantomglide.com>  
DIY: <https://diy.phantomglide.com>

## STEP 1 Prepare Equipment Surface

### New Skis

Thoroughly clean the factory wax from the base using an industry approved citrus base cleaner. Do not use unapproved solvent based cleaners.

Allow the base to dry completely and wipe with a clean paper towel to remove any remaining residue or dust.

Clean the base either by a fresh stone-grind or a thorough base cleaning.

### Used Skis

Thoroughly clean any wax from the base using an industry approved citrus base cleaner. Do not use unapproved solvent based cleaners.

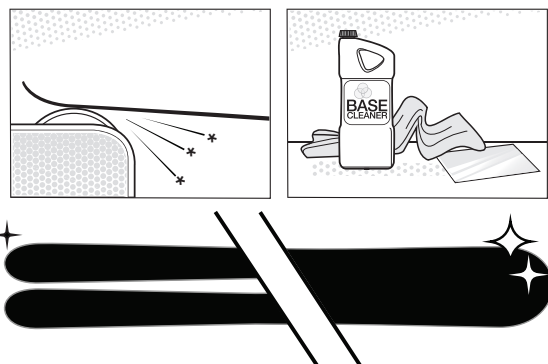
Allow the base to dry completely and wipe with a clean paper towel to remove any remaining residue or dust.

Repair any base damage with P-tex or base welds where necessary.

A stone grind is the most efficient way to restore structure or to remove abrasion, oxidation and/or damage due to use, and is critical to ensure good PHANTOM Glide™ performance.

If the bases are in good shape use a citrus base cleaner (solvent-based cleaners are not recommended).

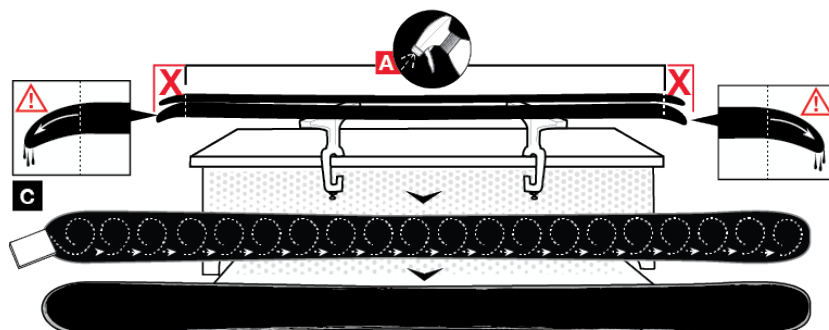
If a stone grind is not possible, and the base is particularly abraded, oxidised or dirty; brush it out with a stiff roto or hand brush and then repeat the base cleaning process.



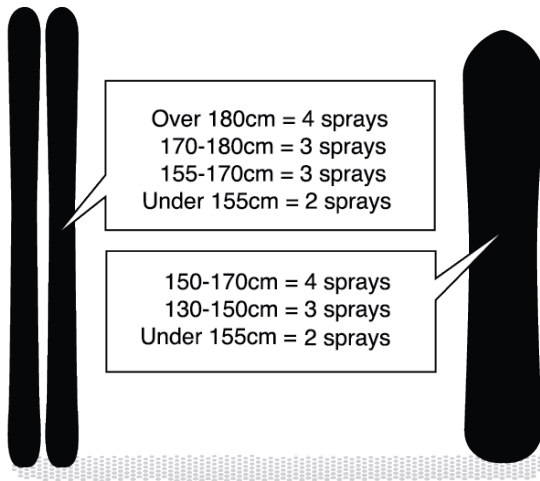
## STEP 2 Apply PHANTOM Glide™ Formula

**IMPORTANT:** PHANTOM Glide™ should be at ambient room temperature (65°F - 85°F / 18°C - 30°C).

With the lid closed, thoroughly shake the bulk bottle container before each use. Meter out the correct amount of PHANTOM Glide™ per the size chart by administering the recommended number of sprays. For nearly all bases, this is between 2 and 4 full sprays. Applying light pressure with non-absorbent pad, spread evenly between the contact points, working from the center of the base out to the edges (to minimize mess and clean-up later). Spread PHANTOM Glide™ out to tips and tails, trying to minimise run off. Wipe off any excess PHANTOM Glide™ that spills over onto the top sheet. Continue to work PHANTOM Glide™ into the base until the surface has an even, thin polished sheen along the entire length of the running surface. Make sure to close the spray nozzle after each use.







**IMPORTANT:** It is important to use the recommended volume of PHANTOM Glide™ during the application process to ensure efficient curing and peak performance.

### STEP 3 Put Equipment into Cure Station

Once the surfaces have been prepared as described in Step 2, the equipment is ready to go directly into the cure station.

Ensure the bases have an even, thin polished sheen, with no excess PHANTOM Glide™ anywhere along the running surface.

**NOTE:** Bases should be treated at a minimum shop temperature of 58°F/15°C. For optimum results bases should be at 75 - 100 F prior to applying PHANTOM Glide™.

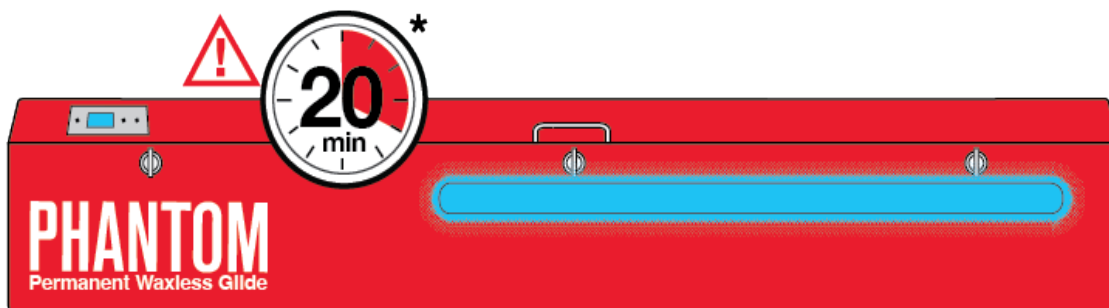
### STEP 4 Run Cure Station Cycle

With any binding brakes securely strapped flat, or snowboard bindings off, insert into the cure station on the supplied stands with tips facing the heater (to improve cure efficiency) and close the door. Minimize time the door is open to retain internal Cure Station heat.

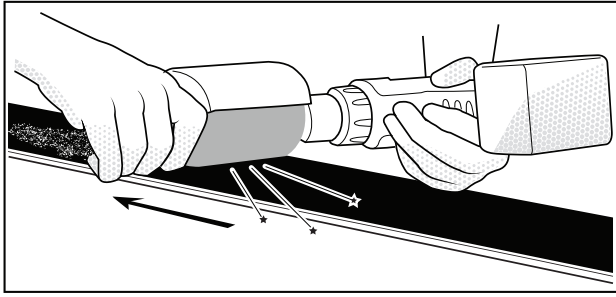
**A.** UV lights will NOT come on unless the door is closed and the limit switch in the upper left corner is activated.

**B.** If the internal temperature is below a threshold the cure station may go through a pre-heat period before the timer begins the countdown.

Once the cure cycle is done, remove the equipment from the cure station and allow it to return to room temperature. The base should be dry with a nice polished appearance. If any significant wetness exists, wipe off with a paper towel and continue curing for another 5-10 minutes. A small amount of residue is OK. Once the base is properly cured, you can move onto the finishing process described below in Step 5.



**NOTE:** PHANTOM Glide™ no longer produces a white residue or matte finish. A glossy residue may exist but it should not be wet or pooled on the base. Once polished, the base will have a high performance sheen. Properly cured PHANTOM Glide™ is essential to long-term performance and you should be sure this step is completed prior to moving onto step 5.



### STEP 5 Brush Skis

Wear appropriate eyewear and mask anytime you are brushing winter sports equipment. Using a nylon roto brush, or hand brush, brush the base(s) from tip to tail. A single pass with the brush is generally sufficient. At this point, the surface will have a polished sheen and is ready for use!

**NOTE:** Any tools used to further polish the base (i.e. horsehair or felt brushes) may be used at this point but are not necessary. Take care to move the brush quickly along the bases in order to not cause friction burn.

### STEP 6 Final Inspection

Inspect the remaining equipment surfaces for PHANTOM Glide™ residue. Wipe off the edges, sidewalls and topsheet. Visually inspect to make sure that everything looks clean.

Place PHANTOM Glide™ sticker on each ski or snowboard topsheet.



### STEP 7 Continued Maintenance

A PHANTOM Glide™ treated base will continue to have consistent and fast glide as long as the base is kept in good condition. In practice, this means that some maintenance is required at regular intervals.

When the bases begin to look dry/white, this is a sign that abrasion has formed micro-hairs on the base. Regular dry polishing using the PHANTOM Glide™ polishing pad and intermittent polishing with water will help keep bases clean and maintain glide performance. For hard to remove adhesives and residue such as skin glue, use a citrus base cleaner or rubbing alcohol.

Dirt and grease may also need to be cleaned off periodically. In this case, use a citrus base cleaner, and follow up with polishing. After using any solvents on the gliding surface, always make sure bases are completely dry before thoroughly polishing.

If the structure of the bases becomes damaged or severely abraded, a base grind is recommended. A base grind should always be followed by polishing.

## Storage and Handling

Opened bottles should be kept at less than 85F (30C). Vigorously shake before each use, and keep the spray nozzle locked closed after each use. Bottles should be used within 9 months, otherwise please contact DPS for situation specific advice.

For long-term storage (i.e. during the off season), the following steps are meant as best practice:

1. Remove the spray nozzle and close the bottle with the original cap.
2. Double bag the bottle(s) in ziplock bags or other similar freezer bags. Place the packaged bottles in a freezer (or fridge) and leave long term.
3. Remove bottles from cold storage a day before intended use and let sit out until they have reached room temperature.
4. Wait until the bottles have returned to room temperature and shake before using.

For local European 24/7 spill or accidents service in specific countries, call your regional poison control center, or the global service listed which has our SDS on file and product information.

### Best Practices:

- Store unopened bulk bottles over time in a cool dry place.
- Completely finish a bulk bottle within 9 months of opening.
- Always close the lid after each application.
- Avoid direct UV light, except for curing inside the box.
- Use protective gloves to avoid contact with skin.
- PHANTOM Glide™ is harmful if ingested. Clean up spills and keep away from children and pets.
- Wear protective eyewear and mask while rotobushing.
- Apply in a well ventilated area

### Servicing Items (available by contacting DPS):

- Fuse 10A 250VAC 5X20MM
- Power Cord 110v Type B - IEC 320 connection (NA/JP)
- Power Cord 220v Type F - IEC 320 connection (Europe)
- Power Cord 220v Type J - IEC 320 connection (Switzerland)
- Power Cord 220v Type G - IEC 320 connection (UK)
- Power Cord 220v Type I - IEC 320 connection (Southern Hemisphere)
- USB cord A Male x B Male 3'
- PHANTOM UV Bulbs
- Replacement Limit Switch (G)
- Extra gloves, masks, squeegees, available upon request.

In the event of a medical or chemical emergency contact ChemTel, North America 1-800-255-3924 or Worldwide +1-813-248-0585. All other non-emergency inquiries about the product should be directed to DPS Skis: +1-801-413-1737 or [phantom.support@dpskiskis.com](mailto:phantom.support@dpskiskis.com).

## **PHANTOM Glide™ Instructions Troubleshooting/FAQs:**

### **Cure Station Troubleshooting**

Why won't the cure station turn on?

- Check the exterior plug connection.
- Check the fuse box in the plug power box.

The UV lights will not turn on?

- Check the limit switch connection is securely connecting to the door. You can adjust the contact pressure by adjusting the positioning nuts.
- Inspect wiring of the limit switch for proper connection.
- Move a functional light from another slot into the slot where a non-working light is. This will check if the issue is with the UV light itself, or with the light clips.
- Order NEW UV lights through customer service at [phantom.support@dpsskis.com](mailto:phantom.support@dpsskis.com). Light specifications are specific to the PHANTOM Cure Station™ and no other lights should be used other than DPS provided.

What do I do if the Cure Station won't reach 'Ready to Cure' temperature?

- Check all 4 x UV lights are functional.
- Check the fan is running, you should be able to hear a 'whirr'.
- Check the seal between the main body of the box and the door is tight.
- Check that the door latches are tightened and not bent.
- Be mindful of how often or how long you open the door.
- Start the preheat cycle before prep work on the skis.
- Make sure your ambient shop temperature is within reason.

### **PHANTOM Glide™ Troubleshooting**

Why is there no soak period for PHANTOM Glide™?

- PHANTOM Glide™ uses a thinner, improved formula that penetrates more efficiently and eliminates the need for a soak period prior to the cure station cycle.

What do I do if the bases are still wet after 20 minutes curing in the cure station?

- Take the skis/board out, and using a fresh paper towel wipe down any wet areas. Place the skis/board back in the Cure Station for another 5 - 10 minutes, or until the base(s) are 100 % dry.
- For future applications more diligently work the excess PHANTOM Glide™ into the base until the base is left with a thin, even shine, leaving no excess PHANTOM Glide™ pooled on the gliding surface.

What if the bases don't have a polished sheen after curing and brushing?

- The base is most likely heavily oxidized or abrasion damaged with micro-hairs. Polishing with a PHANTOM Glide™ polishing pad will reduce abrasion but may not remove it entirely. If the abrasion is severe, a stone grind is the best solution to reset the damaged surface and restore peak performance.

# HOW TO UPDATE PHANTOM CURE STATION FIRMWARE - MAC

If you have any questions or concerns regarding Cure Station Firmware, please email [phantomsupport@dpskiskis.com](mailto:phantomsupport@dpskiskis.com).

## Mac Firmware Update Instructions

Follow the instructions provided at the links below.

### Cure Station Firmware Update Instructions - MAC:

<https://drive.google.com/file/d/1MctXts2U2z-F1pKhmqRO7Mt5OumB7I0L/view?usp=sharing>

### 3-Button Cure Station Firmware Update Instructions - MAC - INO File Link:

<https://drive.google.com/file/d/1JXMEXSggCWGVBQLC-2TGmHklmIfU6sL2/view?usp=sharing>

### 1-Button Cure Station Firmware Update Instructions - MAC - INO File Link:

[https://drive.google.com/file/d/1p5dKTXQ66\\_\\_TyE\\_7UyPajalfoIXZmad9/view?usp=sharing](https://drive.google.com/file/d/1p5dKTXQ66__TyE_7UyPajalfoIXZmad9/view?usp=sharing)

# HOW TO UPDATE PHANTOM CURE STATION FIRMWARE - PC

If you have any questions or concerns regarding Cure Station Firmware, please email [phantomsupport@dpskiskis.com](mailto:phantomsupport@dpskiskis.com).

## PC Firmware Update Instructions

Follow the instructions provided at the link below.

### 3-Button Cure Station Firmware Update Instructions - PC:

<https://drive.google.com/file/d/1cjQL25mWitj6G5INqPxeWHXDjTpSpB0y/view?usp=sharing>

### 3-Button Cure Station Firmware Update Instructions - PC - Hex File Link:

[https://drive.google.com/file/d/1p5dKTXQ66\\_\\_TyE\\_7UyPajalfoIXZmad9/view?usp=sharing](https://drive.google.com/file/d/1p5dKTXQ66__TyE_7UyPajalfoIXZmad9/view?usp=sharing)

## Fuse Ratings and Characteristics

Miniature Fuse, 5 x 20 mm, Time-Lag T, L, 250 VAC

### Description

IEC Standard Fuse

L = Low Breaking Capacity (Glass Tube)

### Applications

Primary Protection in Equipment

### Technical Data

Rated Voltage:	250VAC
Rated current:	0.05 - 20A
Breaking Capacity:	35A - 200A
Characteristic:	Time-Lag T
Admissible Ambient Air Temp:	-55°C to 125°C
Climatic Category:	55/125/21 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight:	1g
Storage Conditions:	0°C to 60°C, max. 70% r.h.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

