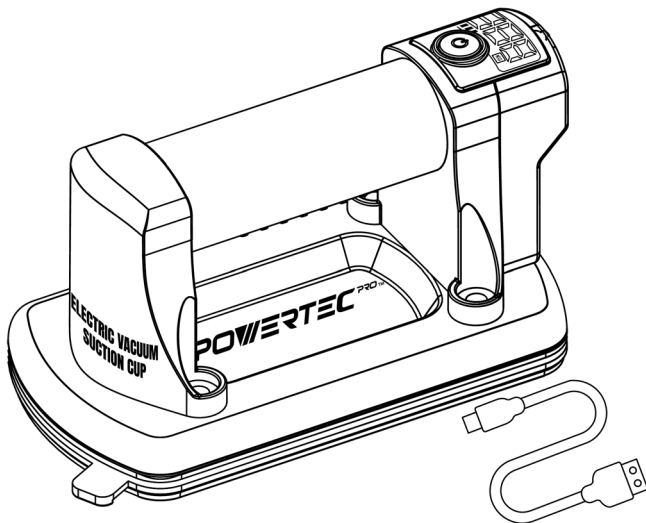


POWERTEC^{PRO}

Cordless Vacuum Suction Cup



The **POWERTEC^{PRO} 72462 Cordless Vacuum Suction Cup** is designed for lifting and moving glass, tile and any other material that has a smooth, flat and non-porous surface, or use to install material.

WARNING

Risk of serious personal injury. This product is not designed or intended for climbing or securing people in any way. Using this product for climbing or any other unintended purpose may result in serious personal injury.

WARNING

Risk of personal injury. For your own safety, read all of the rules and precautions before operating tool.

CAUTION

This product was designed to be used as a carrying aid for tile and slabs and for installing material. Do not overload. The maximum horizontal lifting capacity is **198 lbs (90 kg)**.

WARNING

Always follow proper operating procedures as defined in this instruction manual even if you are familiar with use of this Vacuum Suction Cup or any tool used with this Vacuum Suction Cup. Remember that being careless for even a fraction of a second can result in severe personal injury.

You must be familiar with the use of any tool or accessory used with this Vacuum Suction Cup. The supplier cannot be held responsible for any accident, injury or damage incurred while using this Vacuum Suction Cup with any tool.

WARNING

Do not modify this Vacuum Suction Cup and/or use it for any application other than that for which it was designed.

FOLLOW ALL STANDARD SAFETY PRECAUTIONS, INCLUDING:

- Keep children and visitors at a safe distance from work area.
- Wear proper apparel.
- Wear hard hat for overhead work and installations.
- Wear safety shoes with non-slip soles.

Read the Instruction Manual	Wear Safety Gloves	Wear Protective Footwear

- Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications that cause drowsiness.
- Use the right tool for the job. Do not force the tool to do a job for which it was not designed.

CAUTION

Think safety! Safety is a combination of operator common sense and alertness at all times when tools are being used.

SPECIFIC SAFETY WARNINGS

WARNING

Risk of personal injury. Read and understand this entire instruction manual and the operating manual of any tool being used with this Vacuum Suction Cup.

- No-load use is prohibited. Do not operate without material attached to avoid overheating.
- **NEVER use for overhead suspension.** Object may detach and drop unexpectedly causing serious personal injury or damage to property.
- **DO NOT** use sharp objects to release suction cup from surface as this will damage the suction pad.
- Ensure the power is **OFF** before transporting the tool, and when in storage.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

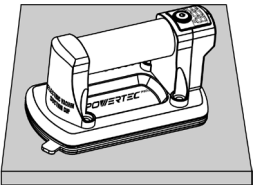
SPECIFICATIONS

Battery Capacity:..... 3.7V/1800mAH
Max. Working Time:(4 hours)
Suction Cup:3.54" x 6.7" (90 x 170mm)
Max. Horizontal Lifting Force: 198 lbs (90kg)
Max. Vertical Lifting Force: 132 lbs (60kg)
Vacuum Pressure: 8.7 psi (60 kpa)

MATERIAL WEIGHT LIMITS (per Suction Cup)

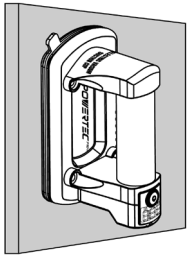
Material	Max. Horizontal Lifting Force	Max. Vertical Lifting Force
Smooth Glass	198 lbs (90 kg)	132 lbs (60 kg)
Smooth Tile	198 lbs (90 kg)	132 lbs (60 kg))
Smooth Metal	121 lbs (55 kg)	77 lbs (35 kg)
Smooth Plastic	110 lbs (50 kg)	66 lbs (30 kg)
Paint Coated Wood	110 lbs (50 kg)	66 lbs (30 kg)

HORIZONTAL
≤198 lbs (90kg)



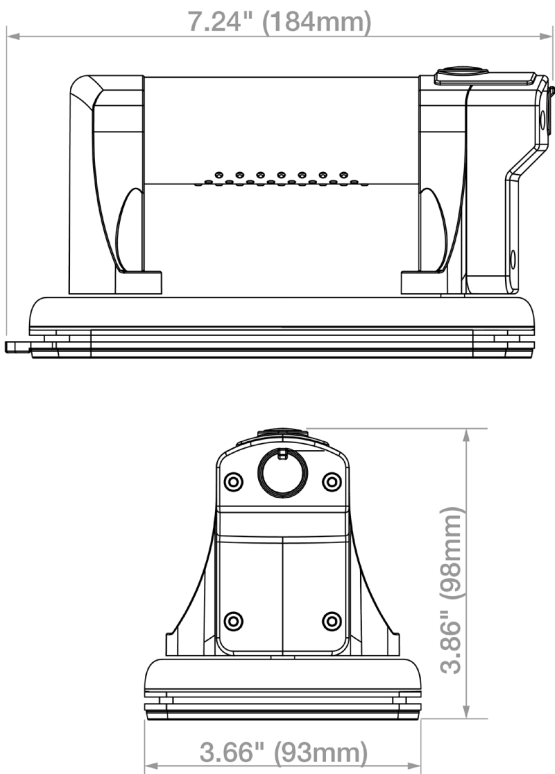
With material laying flat on floor, securing one **72462 Suction Cup** delivers up to 198 lbs. of horizontal lifting power (under optimal conditions).

VERTICAL
≤132 lbs (60kg)



With material placed on its edge, securing one **72462 Suction Cup** delivers up to 132 lbs. of vertical lifting power (under optimal conditions).

DIMENSIONS



UNPACKING CONTENTS

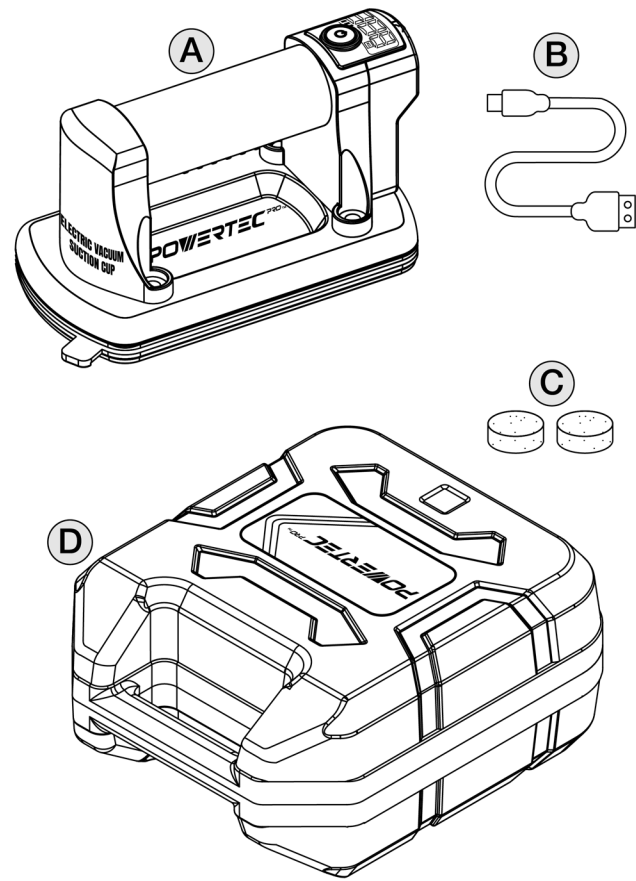
NOTE: Carefully unpack all loose items from shipping carton and make sure all parts are accounted for. Contact the customer service center at 1-847-780-6120 if any parts are missing.

The **POWERTEC^{PRO} 72462 Cordless Vacuum Suction Cup** is shipped complete in one carton.

Examine shipping carton for freight damage before opening. If shipping carton is damaged file a claim with the carrier immediately.

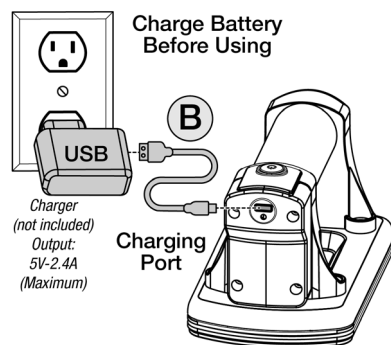
ITEM	DESCRIPTION	QTY
A	Cordless Vacuum Suction Cup	1
B	USB-A to USB-C Charging Cable	1
C	Foam Filter (replacement)	2
D	Carry Case	1

Figure 1

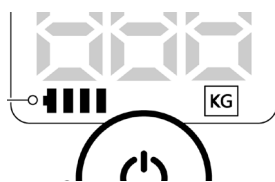


CHARGE BATTERY BEFORE USE

Figure 2 USB-A to USB-C

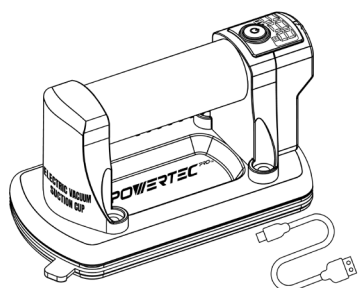


- **ALWAYS** ensure the battery is fully charged prior to using the Suction Cup.
- **When full**—four bars will show on display.



NOTE: Charger (not included). **Output:** 5V-2.4A (Maximum)

Figure 3 Ready for Use



- **ALWAYS** Use with a fully charged battery.

WARNING

Risk of serious personal injury or material damage. **NEVER** attempt a lift on a low battery.

WARNING

Risk of personal injury. Suction will not operate with low battery. Recharge battery before continued use.

Figure 4 OPERATIONAL FEATURES

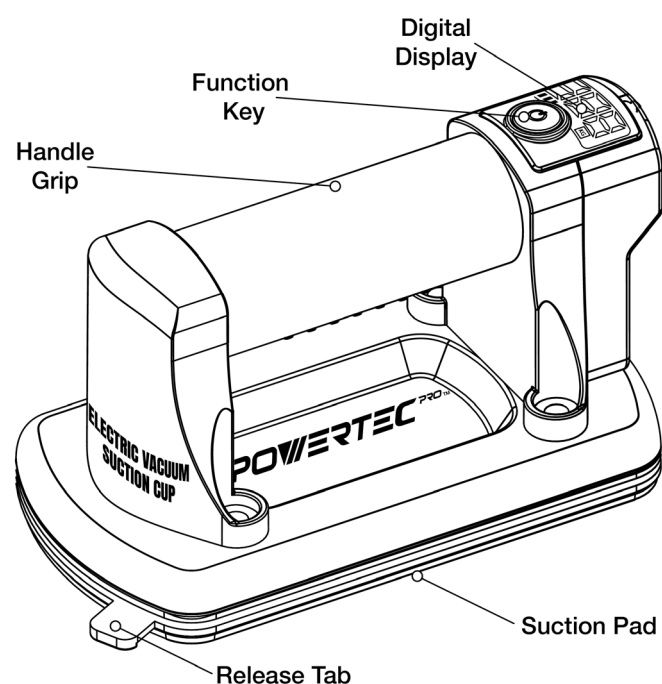


Figure 5

DIGITAL DISPLAY FUNCTIONS

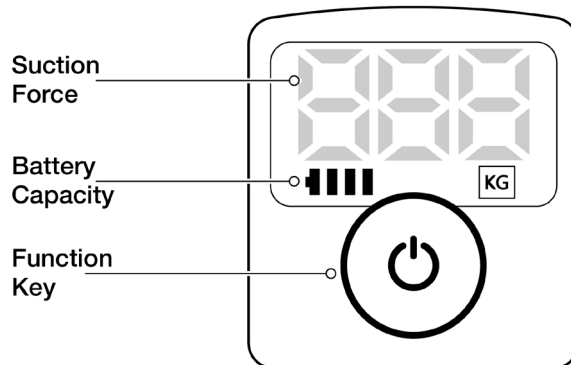
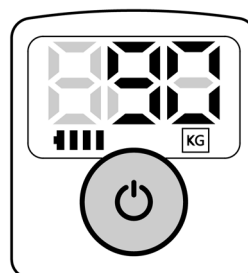


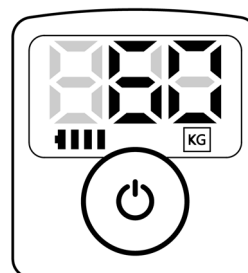
Figure 6 To Turn ON and Suction



- Place Suction Cup on a material surface that is clean, and free of debris.
- Press Function key for 3 seconds—Digital Display turns **ON**. Suction cup enters suction mode.
- When suction reaches 90, there is a 3-second delay—air is drawn in and pump stops automatically.

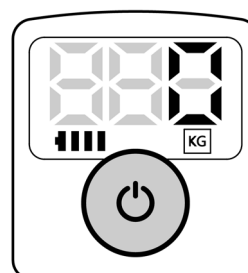
NOTE: If suction delays, lightly push down to assist activation.

Figure 7 To Operate



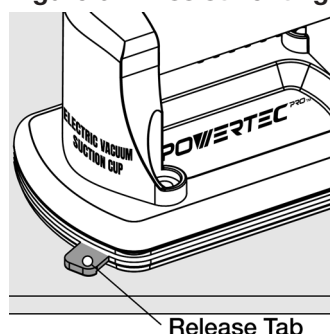
- When suction power gradually drops to 60, air pump will automatically activate to instantly replenish suction power to 90—continually maintaining the adsorption capacity of Suction Cup.
- After Suction Cup creates a seal on material, carry material to desired location or use to install material.

Figure 8 To Vent and Turn OFF



- When finished, double click Function key—Suction Cup deflation function begins.
- Suction power will be released.
- Press Function key for 3 seconds—Digital Display turns **OFF**.

Figure 9 Assist Venting

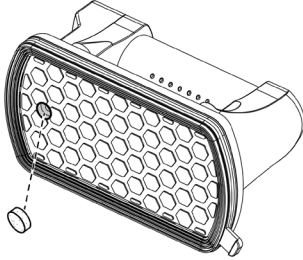


NOTE: If deflation function does not activate (due to low battery or when OFF), pull Release Tab on suction pad to break the seal and release the material.

WARNING

Risk of personal injury. **NEVER** bump or activate Release Tab during operation.

TROUBLESHOOTING

Symptom	Possible Cause(s)	Solution(s)
Tool will not start	1. Battery not fully charged	Charge the battery
	2. Motor defect	Contact Customer Service Center at 1-847-780-6120
Suction Cup not making good contact	1. Dirt/dust on the suction cup or material surface	<u>Double click the Function key</u> to release the suction. Turn off the Suction Cup and clean the pad and material surface.
	2. Suction Cup vacuum motor defect	Contact Customer Service Center at 1-847-780-6120
	3. Suction Cup rubber pad is damaged	Contact Customer Service Center at 1-847-780-6120
	4. Foam filter is dirty/worn	Replace with new foam filter 

INSPECTION

Examine and test the Suction Cup regularly to make sure it does not exhibit any of the following faults:

- Cuts or damage to sealing edges of rubber pad.
- Cracks or dents in handle or pump.
- Sluggishness or dramatic changes in pump action.
- Excessive glaze or stiffness of rubber pad.

Correct any faults before using the Suction Cup.

STORAGE

- Clean the rubber pad with a soft cloth after use.
- Keep the Suction Cup clean and dry, and store in the carry case.

WARNING

Risk of serious personal injury. Failure to observe WARNINGS could damage the Suction Cup or the load, or cause injury to the user.

- Do not use the Suction Cup to lift loads that exceed the Maximum Load Capacity or the effective capacity.
- Do not use the Suction Cup to support a person.
- Do not place the Suction Cup face against surfaces which could damage the sealing edges.
- Avoid conditions that could cause the Suction Cup to slip or to disengage prematurely, such as: contaminants, cuts or scratches in the Suction Cup face or contact surface; applying the Suction Cup to porous materials; or applying pressure against the Suction Cup edge.
- Do not touch release tab while lifting.
- Do not use harsh chemicals (such as solvents or gasoline) or unauthorized rubber cleaners and conditioners to clean the Suction Cup.

GENERAL MAINTENANCE

WARNING

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

WARNING

Keep the Cordless Vacuum Suction Cup dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products or any strong solvent to clean the Cordless Vacuum Suction Cup. Chemicals can damage, weaken or destroy plastic and rubber materials which may result in serious personal injury.

Visit us on the web at www.powertecproducts.com



Put these instructions and the original sales invoice in a safe, dry place for future reference.

Southern Technologies, LLC • Chicago, IL 60606