

WATER CLAW

SUB-SURFACE FLOOD EXTRACTION TOOL

AC016 - AC018



Water Claw
4282 South 590 West
Salt Lake City, UT
84123
801-268-2673
801-268-3856 FAX

INTRODUCTION

Congratulations on your purchase of the Water Claw sub-surface extraction tool. The Water Claw is designed to give superior water removal performance when used with portable or truck mounted extractors. Years of experience, engineering, and planning have gone into the design and manufacturing of the Water Claw. We take a great deal of pride in the Water Claw; our goal is no less than your complete satisfaction.

Extraction is the most efficient method of removing water in structural flooding situations.

The subsurface extractors are designed for water removal on carpet and pad, without removing the pad. On glue down carpet installed without pad, the Water Claw is less productive.

The superior water removal achieved using the Water Claw will make your other drying methods more affective and speed the drying process.

This manual will provide users with the knowledge to operate and maintain the Water Claw to ensure maximum water removal.

Any questions pertaining to the operating or servicing of this unit should be directed to your nearest Water Claw distributor.

This manual is written specifically for the Water Claw sub-surface extraction tools manufactured by:

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4282 South 590 West
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Information in this manual is subject to change without notice and does not represent a commitment on the part of Water Claw, its parent or affiliated companies.

SPECIFICATIONS

Model AC016 Medium Deluxe Water Claw:

Base Dimensions: 10" x 17"

Handle Height: 24.75" to 38.38"

Weight: 8 lbs.

Top Plate Construction: Acrylic

Base Construction: 15% Glass Filled ABS

Handle Construction: Aluminum

Optional Medium Carry Bag: AC016A

Model AC018 Large Deluxe Water Claw:

Base Dimensions: 12" x 21"

Handle Height: 24.75" to 38.38"

Weight: 10 lbs.

Top Plate Construction: Acrylic

Base Construction: 15% Glass Filled ABS

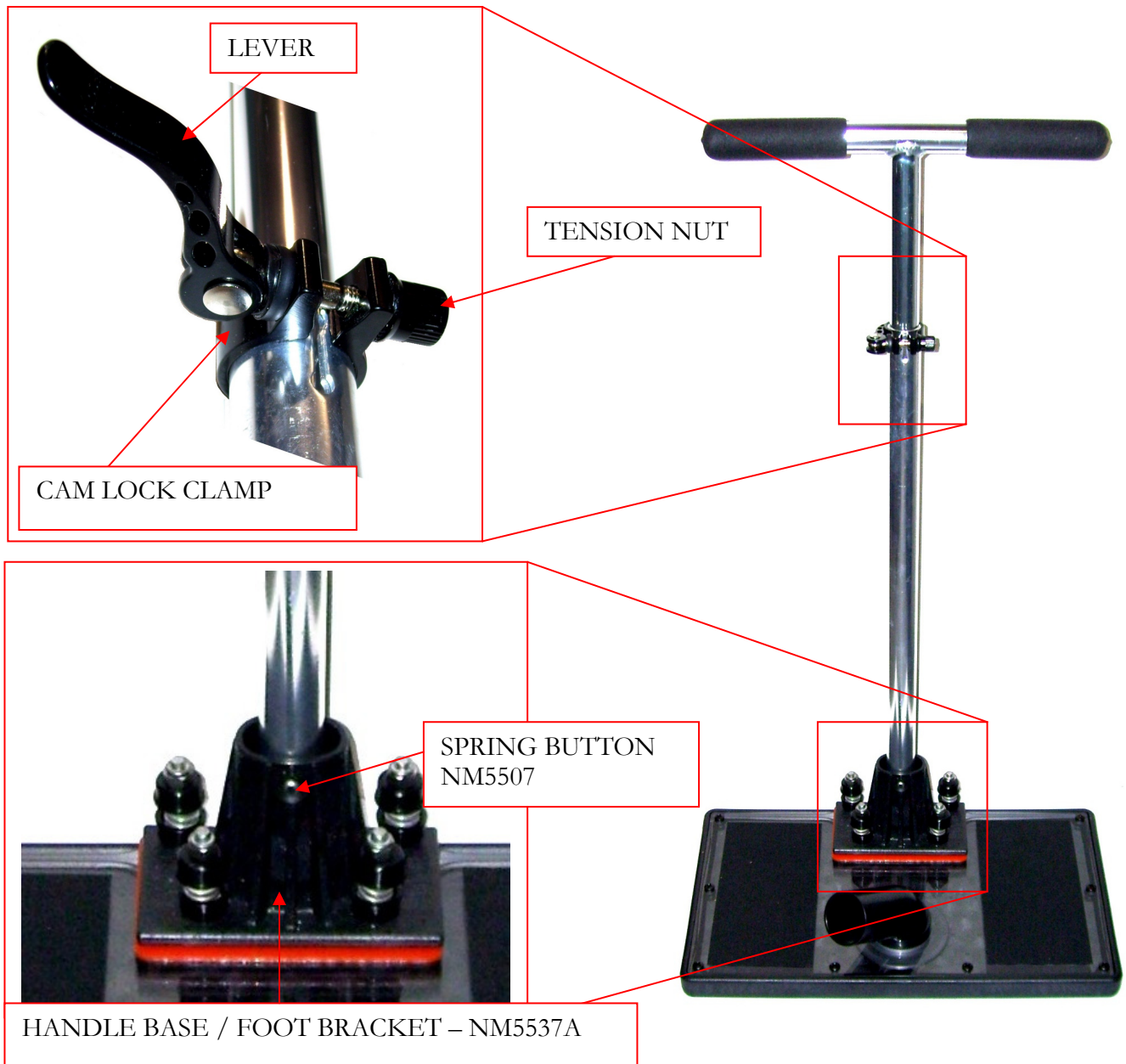
Handle Construction: Aluminum

Optional Large Carry Bag: AC018A



ASSEMBLING THE WATER CLAW

1. Place the T-Handle into the Handle Base / Foot Bracket and align the Spring Button with the hole in the base so the button snaps into the hole.
2. Pull the lever on the Cam Lock Clamp out away from the handle tube to loosen the clamp. Pull the handle up to adjust the handle height for comfortable operation.
3. Push the lever on the Cam Lock Clamp down to tighten the clamp and secure the handle at the desired height. If the clamp is too loose, the clamp tension can be increased. Pull the lever out and then tighten the Tension Nut on the Cam Lock Clamp to increase the tension level as needed and then push the lever back down to secure the handle.



USING THE WATER CLAW

Extraction Equipment

The Water Claw will work with portable or truck mounted extractors.

The higher air flow of truck mounted extractors will allow your Water Claw to extract more water, faster. With truck mounts you should use the medium or large Water Claw. When using a portable extractor, if you slow down to allow the tool to extract more water you will still get excellent results. With portables you should use the small or medium Water Claw.





























Extraction Procedure

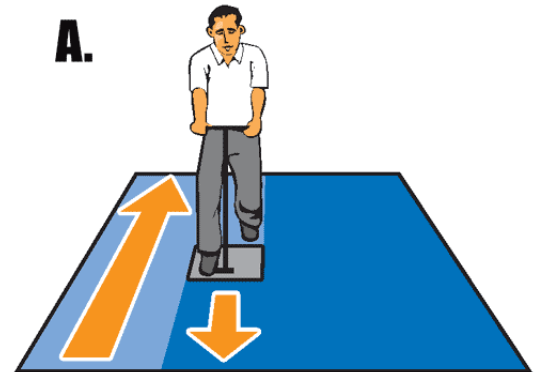
1. Connect the vacuum hose from your extractor to the swivel pipe elbow on the Water Claw. A 2" cuff will fit over the pipe, a 1-1/2" cuff will fit inside the pipe.
2. Turn the extractor ON.
3. If there is standing water, place the Water Claw in the center of the room to remove the standing water down to the carpet level. When the standing water has been removed, place the Water Claw in the desired starting point, usually in a corner of the room, and stand on top of the Water Claw. After approximately 5-10 seconds, the majority of the water will be removed. Continued extraction from 10 - 30 seconds may remove more water, however by 30 seconds any additional extraction time produces little or no increase in removal. The exact time between position changes can be determined by watching the flow rate of the water being extracted and moving when the flow diminishes. When ready, step off of the Water Claw and move to the next position. The movement to the next extraction position can be to the side, forward or back. The new position should be adjacent to but not overlapping the previous extraction position. Repeat the movement and extraction procedure until you have covered the entire area to be extracted.
4. After you have completed your extraction pass over the entire area, disengage a portion of the carpet in the area being extracted and test the pad to determine if additional extraction is required. Squeeze the pad. If you can squeeze out any water, you need to make another pass over the area with your Water Claw. Repeat test and extract more as needed. When in doubt, extract again. Additional passes may be more effective if the tool placement is made perpendicular (Tool turned 90°) to the tool placement on the previous pass.

- A standard carpet wand can be used with your extractor to remove any residual water remaining on the carpet face fibers.

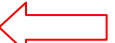
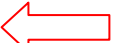
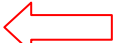

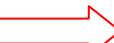
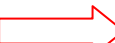
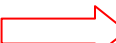
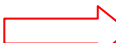


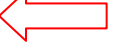
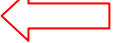
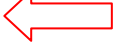















Extracting the water from the carpet & pad using your Water Claw is only part of the drying process. Consult you Water Claw distributor for information about training and equipment required for proper water damage restoration.

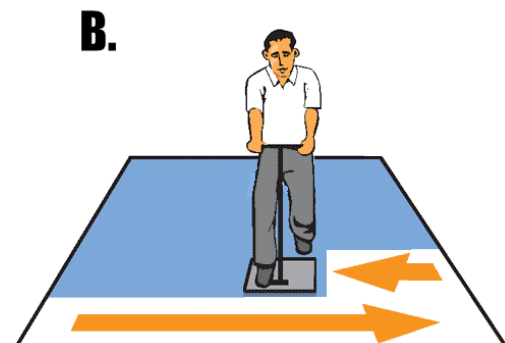
**A. FRONT TO BACK
EXTRACTION PATTERN**

				END
				
				
				
				
START HERE				



**B. SIDE TO SIDE
EXTRACTION PATTERN**

END				
				
				
				
				
START HERE				



MAINTENANCE

Your Water Claw requires very little maintenance. To keep your Water Claw looking and working its best for the longest period of use:

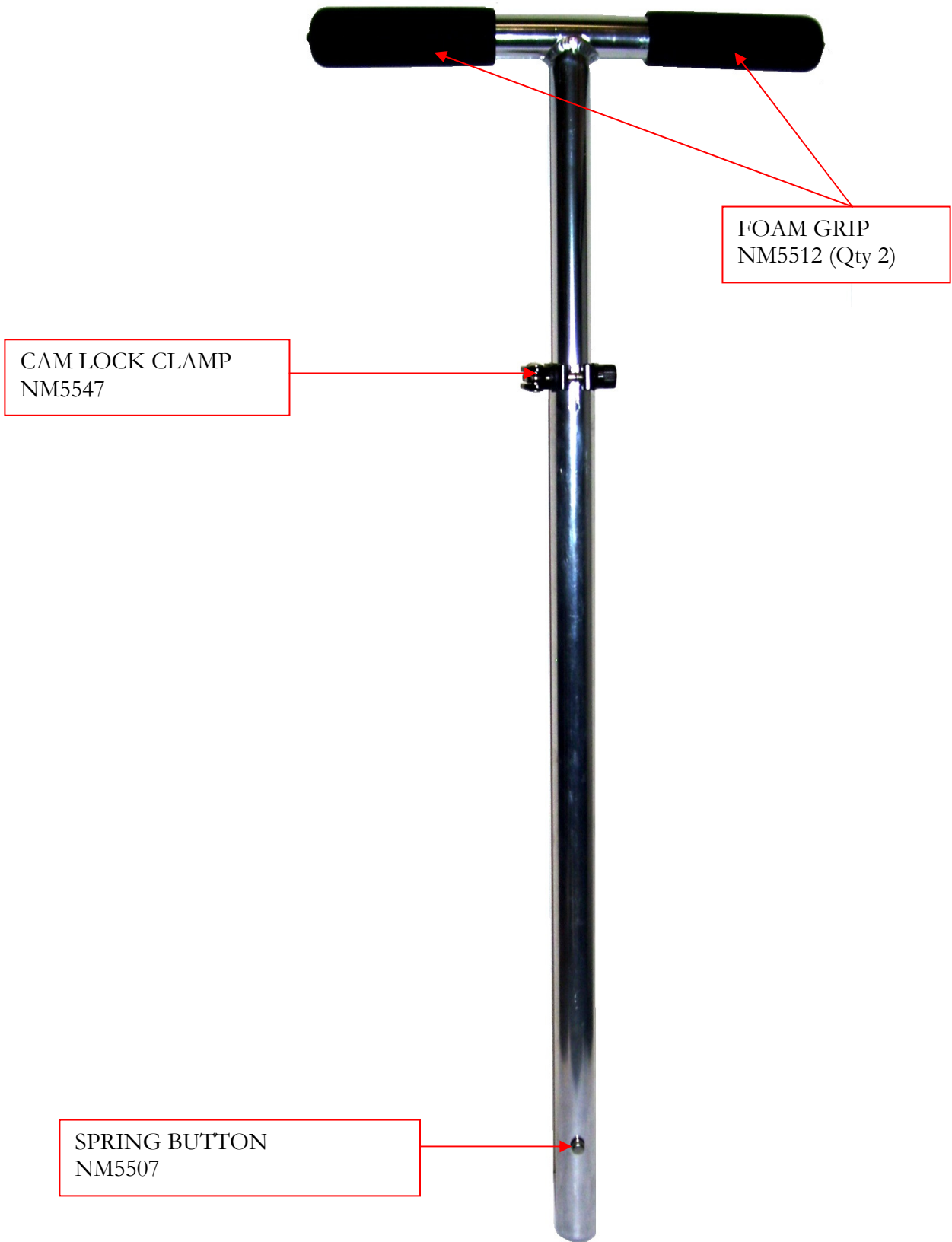
- Rinse the Water Claw after use, wipe down and let dry.
- Examine the vacuum ports on the base and remove debris as needed.

If an excessive amount of debris has been lodged in the ports or is caught in the base assembly, the bottom can be removed from the top of the base. Remove the four bolts holding the handle support/Vacuum relief bracket onto the base. Then use a Phillips head screwdriver to remove the screws connecting the top plate and the base plate and pull the bottom away from the top. Clean out the debris and examine the gasket. Replace the gasket if damaged. Place the top plate back onto the bottom and re-install the bolts and screws.

The handle of the Water Claw can be removed for storage by pressing in the lower snap button and lifting the handle up away from the handle support on the base. The base of the Water Claw can be placed into the Carry Bag and the handle placed strapped to the Carry Bag for transport and storage.



HANDLE ASSEMBLY NM5522A



BASE ASSEMBLY

Vacuum Relief Assembly
(See Page 10)

Top Plate - Clear
Medium: NM5531
Large: NM5532

Foot Grip Tape 4" Wide
Sold per Inch
NM5573
Medium: 2 pieces 8" long
Large: 2 pieces 10" long



Vacuum Flange Elbow
NM5539

Screw #12 x 1" PPH
Anodized
NM5558

Medium: Qty. 9
Large: Qty. 12

Gasket
(Between Top & Base)
NM5544
Both sizes sold together

Base Plate - Black
Medium: NM5542
Large: NM5543

VACUUM RELIEF ASSEMBLY

Foot Bracket – Handle Base
Medium / Large: NM5537A

Spring Cap
NM5556 (Qty. 8)

Nut 5/16-18 SS Nylock
PFA10 (Qty. 4)



Spring Vacuum Relief
NM5555 (Qty. 4)

Gasket Vacuum Relief
Medium / Large: NM5534
Small: NM5533

Bolt 5/16-18 x 3-1/2" SS
Button Socket Head
NM5545 (Qty. 4)

LIMITED WARRANTY

Your Water Claw sub-surface extraction tool is designed to give you years of reliable service. If a problem should arise contact your distributor or Water Claw for assistance.

Water Claw warrants the Water Claw sub-surface extraction tool to be free from defects in material or workmanship for one year from the date of purchase.

During the warranty period, Water Claw will, at its option repair or replace components which prove to be defective. This warranty does not provide for replacement of complete units due to defective components. Any costs for transportation or related service labor are not covered in this warranty. Replacement parts are warranted only for the remainder of the original warranty period.

This warranty shall not apply to defects resulting from improper operation, lack of maintenance, unauthorized modification, chemical incompatibility, misuse, abuse or exposure to freezing temperature conditions. It does not apply to items which require replacement as a result of ordinary usage.

To obtain warranty service for the Water Claw, contact your distributor or Water Claw. If the tool must be returned to Water Claw or an authorized service center, the purchaser shall prepay shipping charges for products returned for warranty service. No returned items will be accepted by Water Claw without prior authorization. All returns must have a return authorization number, issued by Water Claw, clearly marked on the exterior of the package.

Water Claw makes no other warranty either expressed or implied with respect to this product.

The remedies provided herein are the purchaser's sole and exclusive remedies. In no event shall Water Claw be liable for any direct, indirect, special, incidental or consequential damages.

This warranty gives you specific legal rights. You may also have other rights which vary from jurisdiction to jurisdiction.