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Model Number: 000-163-058

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Manufacturer: HydraMaster

HydraMaster 000-163-058 Evolution Flood Extraction Wand 16" model

EVOLUTION TM with the jets and trigger valve system removed. Just a water extraction wand.
Superior Carpet Wand Performance for Truckmounts

When designing a new product, we look at how our product can help our customers perform better and be more efficient. The Evolution carpet wand's innovative design helped to increase the performance of our portable carpet extractors, so the next logical step was to create the Evolution TM designed specifically for use with truckmounts.

Customer input has always been important to us in the design phase of a product. We let several professional carpet cleaners and testing facilities use this new carpet wand for many hours so we could gain valuable incite in the final design of this new carpet wand.
The Evolution TM was designed using the same laminar airflow design as the original, only in a bigger model of wand made specifically to work with truckmount cleaning systems.
Using a 2" vacuum tube, this wand connects directly to the 2" vacuum hose of most truckmounts with no need for reducing couplers that limit performance. A wide 16" head helps to increase productivity by covering more square feet per hour. At only 10 lbs, the Evolution TM helps to reduce fatigue on the cleaning technician

The custom glide holder is rotationally molded into the head for an airtight fit of

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the custom glide that provides smooth operation on nearly any type of carpeted surface. Most importantly, the laminar air flow design delivers superior water recovery by streamlining airflow and 4 spray jets provide optimum coverage and cleaning power.

Compare to current or past OEM associations:
CSW-13-500,
AW97,
000-163-140,
USP-56380590,
UP-EWS-EA,
TurboForce HM-56380455
1610-2028

New Box 70" X 18.5" X 14" 20 lbs

plastic rotomolded head material is: LLDPE – Linear Low Density Polyethylene

U.S. Products takes carpet wand design to the next level with the Evolution.
The Evolution carpet wand is light, durable, and more efficient than any other wand on the market today! Through scientific testing, the Evolution was designed to smooth airflow and boost water recovery performance. The rotationally molded head and aircraft aluminum tube combine to make a carpet wand that is about half the weight of most stainless steel carpet wands. Replaceable air tight Delrin® acetal glide and ergonomic design allow effortless glide across any type of carpet.
PLEASE NOTE: ALL THE PHOTOS ON THE WEBPAGE ARE OF THE 16" MODEL AND NOT THE ONE OF THE ITEM YOU WOULD RECEIVE.
Wandering About Wands?
Wand History
Some of the first carpet extractor wands were introduced in the 1960s. Most operated with about the sametechnology, allowing the wand to spray water and solution on the carpet and then extract water and/or solution as it was pulled back, removing soiling in the process.

Most of these wands were made of a heavy metal material, making them difficult and often physically stressful to use. Today, Evolution Wands from US Products pro are far lighter, more ergonomic, and essentially glide over the carpet. Therefore, the wand works with the user and is less taxing on the body.

Selecting an ergonomically designed wand starts with testing the different wands available. It should be light and responsive. Instead of metal, more advanced wands like the Evolution are now made of rotational molded plastic. These wands tend to be exceptionally light, but their lightweight can be deceiving because they are also quite durable.

Further, the Evolution wands have built-in, custom fit glide holders with slotted holes.

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Not only are these types of wands easier to use, testing shows they leave the carpet dryer and are less likely to leave residues which can contribute to re-soiling.

Jets
After testing different wands and selecting a system, managers and cleaning professionals still must evaluate the tool’s performance. Considerations that can impact the wand’s performance are the number of jets and the distance of the jets from the carpet’s surface.
With a single jet wand, the jet may be too close to the carpet and the spray will provide limited coverage. In fact, the spray may not even spread from one edge of the wand to the other. This creates more work for the carpet cleaning technician. The technician must make sure there is enough overlap so the spray reaches all areas of the carpet, usually requiring multiple strokes.

With a multi-jet wand, the spray from each individual jet must spread enough to intersect with the spray from adjoining jets. If the spray from each jet does not properly intersect or is uneven, areas of the carpet may remain soiled. Ensure the pressure from the extractor is high enough for sufficient spray spread to the wand to rectify this issue.

Airflow Issues
A final and very important issue is airflow and how it travels through the wand. Engineers now realize the airflow traveling through the wand can influence the overall effectiveness of the extractor.

On most wands made today, the airflow is what scientists would call “turbulent.” It bounces off the insides of the wand’s tubing, slowing airflow through the wand and limiting carpet cleaning performance. This puts greater burden on the extractor to compensate for this turbulent airflow.

However, with the Evolution Wand Series from US Products Pro this has been corrected through the use of “laminar technology.” Laminar technology allows airflow to flow more smoothly through the wand. This allows the extractor’s vacuum system to operate at optimal performance, more efficiently removing moisture and soils from the carpet.

The development of laminar technology has resulted in some engineering surprises. For instance, one carpet extractor manufacturer received a higher, more coveted rating from the Carpet and Rug Institute’s Seal of Approval Program just by adding a laminar wand to its system.

Hopefully, managers and cleaning professionals now realize wands cannot be overlooked. Instead, wands should be viewed as a crucial component in proper carpet extraction. Today’s lighter, ergonomic wands that incorporate advanced airflow technologies can help users achieve superior carpet cleaning results - faster cleaning, better appearance, and reduced downtimes due to faster

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drying.

Factory Installed Wand Glide
US Products Evolution 12" Carpet Cleaning Wand 2 jet model Replacement Wand Glide Only 2097a 000-108-210

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Options available for HydraMaster 000-163-058 Evolution 16in Flood Extraction Wand 2 Inch Aluminum Pipe Model Freight Inc :

HydraMaster

ORDERS ARE FINAL, NON-CANCELLABLE, NO REFUNDS, PRICES SUBJECT TO CHANGE.

Availability: This product was added to our catalog on Friday 18 June, 2021

Steambrite Supply