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Model Number: 20190115

Clean Storm 20190115 Pressure Washing Water Recycling Kit Goliath Dual 6.6 Vacs 6.6 GPM
Recycler Trailer Mount Package

Manufacturer: Clean Storm

Clean Storm 20190115 Pressure Washing Water Recycling Kit Goliath Dual 6.6 Vacs
6.6 GPM Recycler Trailer Mount Package

Goliath Dual 6.6 Trailer Mount
Pressure washer Reclaim Unit with Water Recycling
Start up kit contains:

Clean Storm Filter Reclaim Quad Filter Pack 40 Mesh to 5 microns for
Water Reuse 20141820

-DriStorm Goliath Dual 6.6 Vacs 6.6 GPM Auto Dump Recycler Trailer
Mount 20180102 Pressure Washer Vacuum Recovery 120v with Lint Filtration
Trailer mount

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BE Pressure BE6500 watt Electrical Generator BE-6500ERUSC 389cc
Powerease
- Extended Warranty + No Extended Warranty
- Shipping Surcharges + None Commercial Address With Forklift or
Loading Dock On Site

Generator Grounding Kit Bonding Parts 18012017 Self Assembly
Parts

Double Insulated 10 awg Jumper Wire with 1/4 Inch Loop Terminals
24 feet 20180606

Hose Vacuum Hose 50 ft x 2.0in ID Truckmount Double Walled
DHV50 DHV02 AH24 18-003 260-238-50 [AH30] AH30H

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Scupper Hydrotek ZMAT7 Vac Berm Water Containment 6 ft for vacuum

Connection Hydrotek ATP75 Vacuum Scupper Head 12in Wide Stainless Steel 2in

Product Summary:

Small combined foot print mean you could even install on the tongue of a trailer.
New Larger Waste Tank Size: 26 gallon (20" X 20" X 15" ID)
Body Construction: Fiberglass box for durability, capable of full steam pick up.
Vacuum Motors: Dual 6.6 vacuums (will operate over 150+ ft of 2" vacuum hose!)
138" Water Lift 275 CFM = 37,950 Vacuum units. (this is 3 times other units on the market)
New Larger Flat Lid
Automation: 6.6 GPM X 60 PSI auto dump

Features:

- Dual ball float/standpipe for increased air flow and vacuum performance.
- Water and vacuum tight hinged with gasketed reinforced lid.
- Dual 25 ft. 12-3 power cords
- Circuit locator lets you know when you are on different breakers.
- Can be used to extract either hot or cold water. Fiberglass housing cannot rot, rust, and warp.
- Garden hose discharge. Discharge Hose not included

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- Machine will operate on either one, or two power cords
- Made in the USA
- Sucks up, filters, and pumps cleaned water back into your fresh water tank to us again.
- Water is filtered 5 times before discharging back to your fresh tank.

Factory Included Two Units installed on housing
Extension Power Cord 25 ft 12-3 115 volt

Factory Installed
Dual Clean Storm Fiberglass Vacuum Motor Manifold 20131023

Allows for steam and hot water vacuum recovery without the worry of
traditional plastic manifold collapse.

Factory Installed Dual 3.3 for a total of 6.6 gpm auto pump out at 60 PSI

Factory Installed Valterra: Gate Valve 1.5in Replacement Dump Valve H225
Drain Valve
Fast manual drain.

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Installed Carpet Cleaners: 2" Mip X 2" Barbed Truckmount vacuum hose connector
on front of machine.
Allows you to use either 2" or 1-1/2" ID vacuum hose (your choice)

FREE Dealer Provided Mytee F200 Hose Mount Lint Filtration System Solids Separator

Included at no extra charge

Used to remove hair and carpet fibers from the water to protect auto pump out system

Installed Water Resistant Rocker Switches: 2 Position On/Off - 4 pinned with built in dust and water cover

4 installed on this machine

One switch for each vacuum motor and one for the auto dump pump override.

Factory Installed Dual (2) Ametek Lamb 122234-18 6.6 Vac Motor 120 volts
Note each vacuum motor is on it's own power cord using 12.5 amps of power

Parallel configuration allows for pick up with large surface cleaners.

275 cfm

138" lift

25 amp total vacuum system on 2 cords

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Technical Specification

- Primary cord (15.5 amps) runs (1) vac motor in air series with ball float shutoff and sump pump. If a secondary circuit is not available, machine would perform on this cord. Wired with an in-line GFI and cooling fan.
- Remaining three power cords (12.5 amp average) runs one each of the remaining (3) other vac motors in air series twin pair configuration.
- Twin 1-1/2" ball float shutoff with lint filtration.
- One vacuum stand pipe with check valve will let you run one, two, three or all four vacuum motors depending on how much electricity is available on the job site. One 120 volt power cord per vacuum motor.
- Single 2" vacuum intake.
- Garden hose cam lock adapter for carpet and tile cleaning for garden hose dirty water discharge
- 1-1/2" cam lock adapter for flood restoration (seen in photo below) for 1.5" diameter dirty water discharge.
- (5) Green lighted splash proof rocker switches.
- Blue tank/Gray base. Lids can be white or black. (current color black)

Unit Measurements:

- Machine dimensions: 36"H x 16"W x 26.5" L (box is only 20" Long but barbed fitting on front is 3" and discharge is 3")

Side handles installed: W 21.25" x L 26.50 x H 36 - Weight (assembled) = 106 lbs. w/out cords. 98 lbs with cords.

This unit will ship with no wheels and no handle for permanent installation on a tongue or bed of a pressure washing trailer. Footprint on floor is only 16" X 20" !!

Goliath Advantages:

1. 26 gallon recovery tank
2. Package includes 20" Long 20 mesh and 5 Micron filtration for recycling you water back to the fresh water tank.
3. 2" vac port will run either 2" or 1-1/2" vacuum hose.
4. 300% more vacuum than other recyclers on the market. Nothing comes close. This machine is impressive when it comes to suction. This machine will run longer hose lengths. 25 amp total vacuum system @120 volt
5. Will operate on one, or two, 15 amp power cords.
6. Garden hose water pump out discharge.
7. Switch plate cover will keep your water resistant switch covers in place. Unlike

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some other brands the clear water protection cover can fall off once the machine gets old or if it gets knocked around.

8. Fiberglass body is not affected by steam vacuum recovery as plastic housing get soft.

9. Easily converts into an air duct cleaning machine, tile cleaning machine, carpet cleaning machine, auto detail extractor. Just add your own pressure washer.

10. Designed to work perfectly with electric converters and run on 11 hp (389cc) generators and larger.

11. New larger longer lasting carbon brushes and sealed bearing vacuum motors.

This unit sold as Machine Only

This unit may be filled in Blue or Green. Color is NOT guaranteed but usually filled in Blue!

Q&A:

Question: Will the machine operate on a customer's electric dryer plug?

Answer: Yes.

Question: How large of a generator would I need to have to run this?

Answer: Any 389 cc (11 hp) generator will work. Example below BE6500ER.

Please make sure you properly ground your generator. See notes on how to bond your generator to the ground.

Question: What is involved in switching between using one power cord to two cords, and then to use both vacuum motors?

Answer: Nothing! We have a check valve installed on one of the vacuum stacks.

This way if you are only using one power cord it shuts off the stack you are not using to prevent air from sucking backwards through the system. Because each power cord will operate on 15 am breakers, it plugs in everywhere. No need to pre-qualify if the outlet is a 20 amp breaker.

Question: Does the machine include the bubble top lid or the flat lid?

Answer: The flat lid. The bubble top lid are some photos that carried over from the older 20 gallon model. All the 26 gallon machines have flat lids with a twist and lock latch.

One Year Warranty Included.

Also available in 230 volts for \$350 extra + a one month lead time.

We compare the top flood extraction units on the market to see how they compare.

[Click Here](#) is the list of features to look for.

Search terms:

Pressure washing vacuum system

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No water wasted Pressure washer
Truck mount vacuum
Pressure Washing recycling
Vacuum system Pressure
Water Recovery Vacuum System
Vacuum Reclaim
Trailer Vacuum
Capture and Reclaim
Capture & Recycle

Starter packages available to clean:
Air Ducts, Tile and Grout Cleaning, Water Extraction, Carpet Cleaning (either high flow and high pressure)

OPTIONS:

Hydrotek ANTV5 Hydro Twister Vac 24.5" Rotary Spinner Surface
Cleaner Vacuum Air Recovery Water Pick up

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A large air and water vacuum recovery surface cleaner like this one
needs 200+ cfm to work and long 100+ ft plus hose lengths.
The Goliath 20180102 model is perfect for this type of surface cleaner.

BE Pressure Supply: PowerEase 9000 watt Generator Electric Start
7100 watt run BE9000ERUSC
- Extended Warranty + No Extended Warranty
- Shipping Surcharges + None Commercial Address With Forklift or
Loading Dock On Site

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Westpak 10-0556-Kit 14in Carpet Cleaning Wand Starter Package 1.5in Pipe
4 Jet 2 Bend Low Profile W/ Splash Guard

NorthStar: Gas-Powered Wet Steam & Hot Water Pressure Washer 6.5
hp 2700 PSI, 2.5 GPM-157309

Clean Storm 6720 Cleaning Units 2100 psi 3.2 gpm Cold Electric Pressure
Washer 2 Power Cords 115 Volts

This Goliath Quad 6.6 Vacuum is included in this package! Click to read
more.

-Trailer Truck Mount 28 Hp 4000psi HOT 4gpm Goliath 15HG Vacuum
TM28-340 CFM Pressure Pro Hot Shot Tow Pro TRS4012-40HA 200 gal Tank
Pressure Washer Cash Priced

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This Goliath Quad 6.6 Vacuum is included in this package! Click to read more.

-Trailer Truck Mount 33Hp 4000psi HOT 4.8 gpm Goliath 15hg Vacuum BE9000 Watt Generator 200 Gal Fresh Tank Hydrotek SK40005VHT185SKH HOT Pressure Washer TM33-340 cfm Cash Priced

This Goliath Quad 6.6 Vacuum is included in this package! Click to read more.

-Trailer Truck Mount 31Hp 3000psi HOT 5gpm Goliath 15hg Vacuum BE9000 Watt Generator 200 Gal Fresh Tank Hydrotek SK30005VHT185SKH Pressure Washer TM31-340 cfm Cash Priced

-Clean Storm Hose Set 100ft (30 Meters) x 2.0in ID Vacuum & 1/4 in 3000 psi Solution with QDs and Ball valve installed

Where did the name Goliath Carpet Cleaning Machine come from?

<https://www.steam-bright.net/showthread.php?3389-Were-did-the-name-Goliath-Carpet-Cleaning-machine-come-from&p=5477#post5477>

Comparison pressure washer comparison notes for chart below:

CFM mean cubic feet per minute that passes through the vacuum at zero inches of lift at sea level (Unrestricted)

Inches of lift means: how height can you suck a 1" diameter column of water straight up in the air above seal level when the CFM reaches zero. (Complete occlusion)

Inches of HG (mercury): Mercury is the heaviest liquid metal on Earth so this liquid is not picked up near as high as water.

1 inches of HG = 13.6087 inches of water lift

Vacuum units: Formula Max CFM (at zero inches of lift) X (Times) Max inches of lift

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(at zero CFM)

Amp draw or HP (Horse Power): Watts divided by Volts equal amps. Amp draw is king. Machines that use more power just perform better.

If you find any miss information, please email us and will correct this web page.

Correction are not made based on phone calls, email only.

Some multiple cored electric vacuum require all power cords to be plugged in to work, others machine allow you to chose to use as much or little vacuum needed.

Equipment below is not in any order.

If you know of a machine that you want added in this chart, please email us.

Prices factory build specs and prices subject to change without notice.

Information to be used for entertainment purposes only.

Compare Pressure Washing and Flood Pumper Vacuum Systems

NAME / Model #

MAX CFM

MAX INCHES OF LIFT / INCHES OF HG

VACUUM UNITS

VACUUM AMP DRAW or HP

AVERAGE PRICE

AUTO DUMP GPM

Notes: NUMBER OF POWER CORDS NEEDED TO OPERATE

Goliath Quad 6.6 20170915

340+

215" / 15.8 HG

73,100

50 amps

\$2855

30 Gpm

1, 2, 3, OR 4 cords, operators choice / 15 amps per cord.

Dual discharge ported, garden hose or 1.5" Camlock

Sirocco PEV2

200

137" / 10.1 HG

27,400

20 amps

\$2400

30 Gpm

2 cords required to use two motors and pump out / when 15 amp breaker is available you cannot operate both vacuum motors.

Mytee 7000LX

141

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207" / 15 HG
39,690
28 amps
\$2299
30 Gpm
1 or 2 cords needed, operator choice / one 15 amp one 20 amp

Kleenrite Mega3
170
112" / 8.23 HG
19,040
18 amps
\$2015
20 Gpm
2 cords required 15 amps per cord

Goliath SBM-GO-A
250
170" / 12.5 HG
42,500
30 amps
\$2142
30 Gpm
1 or 2 cords, operator choice / 15 amp one cord, 20 amps 2nd cord.

Goliath SBM-GO-A-6
340+
215" / 15.8 HG
73,100
50 amps
\$2899
30 Gpm
1, 2, 3, or 4 power cords, operators choice
Dual discharge ported, garden hose or 1.5" (Same as this web page but with handles and wheels added for portable use) 15 amps per cord

Hydrotek RG40V12
425
190" / 14 HG
80,750
21 HP
\$6751
30 Gpm
Gasoline powered

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Drieaz F479 HVE3000

125

136" / 10 HG

17,000

22 amps

\$3085

50 Gpm

1 or 2 cords, operator choice / Filtered exhaust air for indoor use

Clean Storm 12-6000

198

117.4 / 8.62 HG

23,245

19 amps

\$1514

20 Gpm

2 cords required

US Products Flood King DX F332

Factory 170 (our test 155)

100" / 7.35 HG

15,500

15 amps

\$2845

10 Gpm

1 cord

Dristorm SBM20FV

107

135" / 9.92 HG

14,445

11 amps

\$1647

70 Gpm

1 cord

Kleenrite Mega2

190

88" / 6.5 HG

16,720

14 amps

\$1931

20 Gpm

1 cord

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Powrflite PF85DX

100
100" / 7.36 HG
10,000
10 amps
\$1779
10 Gpm
1 cord

HydroTek RPVACE1

102
88" / 6.5 HG
8,800
9 amps
Discontinued
8 Gpm
1 Cord

Mytee Escape

180
204" / 15 HG
36,720
30 amps
\$3799
30 Gpm
1 or 2 cords / Cannot use in the rain

Abatement Technologies Mega-Pump MP3000

140
105" / 7.72 HG
14,700
8.5 amp
\$3814
60 Gpm
1 cord

Ninja Warrior Storm Sweeper 1.007-078.0

100
107" / 7.86 HG
10,700
10 amp
\$2008.45
10 Gpm
1 cord

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EDIC FB50 FloodBuster

142

147" / 10.8 HG

20,874

13 amp

\$2603

50 Gpm

1 cord

Esteam Ninja Classic FM200

112

150" / 11,02 HG

16,800

15 amp

\$2667

65 Gpm

1 cord / 200 psi rinsing pump included

Hydrotek RPV30E1

100

91" / 6.69 HG

9,100

10 amp

\$1008

30 Gpm

1 cord

Hydrotek RPV50E1

106

106" / 7.79 HG

11,236

12 amp

\$1288

50 Gpm

1 cord / 20 amps required

PowrFlite PF85

100

115" / 8.45 HG

11,500

10 amp

\$1379

5 Gpm

1 cord

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Goliath SBM-GO-500H Set
250+
170" / 12.5 HG
42,500
30 amps
\$3918
30 Gpm
1 or 2 cords, 15 or 20 amps, world's first 500 psi HEATED flood pumper -
electric

Sapphire Scientific 72-4500BB
565 dual wand
450 single wand

190" / 14 HG
107,350 Dual Wand
85,500 Single wand

35 Hp
\$18070
45 Gpm
Gasoline Powered

Sirocco SGV3-16s
350 Cfm
190" / 14 HG
66,500
16 Hp
\$5485
Optional 30 Gpm
Gasoline Powered

Sirocco SGV4-29efi
500 Cfm
190" / 14 HG
95,00
26.5 Hp
\$8785
60 Gpm
Gasoline and Electricity Both Needed

Goliath 20180102 Recycler (this webpage)
275 Cfm
138" / 10.2 HG
37,950

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25 amp
\$2658
6.6 Gpm
Electric, 1 or 2 cords 15 amps each

Hydrotek RPF1
No vacuum
NA
NA
NA
\$10,895
6.0 Gpm
Electric 1 cord

Hydrotek RPFSE1
No Vacuum
NA
NA
NA
\$6796
6.0 Gpm
Electric 1 cord

Hydrotek RPT5E1
104 Cfm
91" / 6.7 HG
9464
8.6 amp
Discontinued
30 Gpm
Electric 1 cord

Hydrotek RZVE1
104 Cfm
91" / 6.7 HG
9464
8.6 amp
\$4150
5 Gpm
Electric 1 cord

Hydrotek RPYRE1
112 Cfm
106.7" / 7.85 HG
11,950

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11.4 amp
Discontinued
9.8 Gpm
Electric 1 cord

Hydrotek RZV10E1
104 Cfm
91" / 6.7 HG
9464
8.6 amp
\$4495
9.8 Gpm
Electric 1 cord

Hydrotek AZV55
104 Cfm
91" / 6.7 HG
9464
8.6 amp
\$4495
4.9 Gpm
12 Volt 13 amp

Hydrotek AZV88
104 Cfm
91" / 6.7 HG
9464
8.6 amp
\$4495
8 Gpm
12 Volt 20 amp

Hydrotek RPVACE1
112 Cfm
106.7 / 7.85 HG
11,950
11.4 amp
Discontinued
40 Gpm
Electric 20 amp 1 cord

Hydrotek RZF5E1

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Discontinued

Karcher 1.103-516.0 Mississippi Recovery
100 Cfm
97" / 7.13 HG
9700
10 amp
\$TBD
30 Gpm
Electric 15 amp 1 cord

Summary and side notes:

Prices subject to change without notice.

I probably should have added an extra column that was vacuum units divided by dollars spent = performance per dollar or value per dollar

Examples

Goliath Quad 6.6 20170915 is 73,100 vacuum units divided by \$2855 = 25.6 vacuum unit performance per dollar spent.

or

US Products Flood King 15,500 vacuum units divided by \$2845 = 5.45 vacuum unit performance per dollar spent.

You can do the math on the rest of the units...

I could have added a column for the vacuum waste tank size but since they are all auto pump out it really does not mater.

Max CFM you can even suck through a 1.5" diameter hose 225 cfm

Max CFM you can suck through a 2" diameter hose is 450 cfm so this reduces the Sapphire 72-4500BB on single wand use.

Most customer find that they under buy the vacuum system after the purchase when it is too late. Water extraction from flooded building, pulling water out of carpet, basements, air duct cleaning, indoor tile cleaning, as well as being able to NOT relocate your rig are important topics to discuss. A strong vacuum system can always be turned down. A weak vacuum is something you are just stuck with. Turning your pressure washer into a multi surface system is easy to do. Simply making a few changes on the pressure washer to that it will operate on a wider range of pressures and simply change the tool at the end of the hose and you no longer have to rely on just pressure washing income, but rather tile and grout cleaning, carpet cleaning, more...

Using machine that only operate on 20 amp breakers might also provide some challenges as some buildings are only wired with 15 amp breakers. 15 amp cords also operate on generators easier too.

It all ways surprises me how many customers will purchase a single vacuum motor vacuum system and the do not realize this will NOT operate a vacuum recovery 21" surface concrete surface spinner more than 25 ft from the cleaning tool. I just is not

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really possible to have the vacuum machine follow behind you while you are pressure washing. You just need to purchase a vacuum that operate 150 feet of 2" ID vacuum hose so the vacuum unit can stay stationary.

Options:

Optional 20 and 5 micron filters can be cleaned and reused until clogged.

Place inside the Goliath to absorb the oil floating on top of the water on the inside of the Goliath vacuum tank.

Karcher: Ensorb Natural, Oil-Only Pillow 8in X 17in - 8.752-729.0 - Legacy Shark

Availability: This product was added to our catalog on Tuesday 15 January, 2019