



Model Number: SBM10445ACFR

Clean Storm SBM10445ACFR Goliath Pro-500psi HEATED 20gal Quad 2 Stage Vac Recirculation Package

Manufacturer: Clean Storm

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The world's strongest two corded portable now has the option to release you from the sink hook up!

## Perfect Heat Upright Extractor

The CFR commercial line Perfect Heat model combine the Perfect Heat system with a powerful electric heater to produce very hot water that is maintained throughout the cleaning process. No other system can maintain water temperatures as high as Perfect Heat Plus!

CFR commercial line extractors use two very high powered vacuum motors. These motors produce enormous amounts of heat. Perfect Heat technology captures this heat and uses it to heat the water used to clean the carpets. This unique process requires no additional electric power and is very simple and dependable. This process is so unique and so effective that it is being patented.

The CFR commercial line Perfect Heat model combine the Perfect Heat system with powerful electric heater to produce very hot water that is maintained throughout the cleaning process. No other system can maintain water temperatures as high as Perfect Heat Plus!

We conducted laboratory tests of the CFR Perfect Heat and two competitors. These competitors both claim temperatures of over 200°. Here are the real results in a realistic cleaning situation. Each machine was run for ten minutes. They were run in 8 second cycles with 4 seconds of spray and 4 seconds of rest. Every three minutes

there was a 15 second rest. The temperature was recorded at the tip on the end of a 20' solution hose.

See our website at [www.Perfect-Heat.com](http://www.Perfect-Heat.com) for full test results.

The FR in the part number means: Pro 500 (13 gal. / 500 p.s.i.)

The Pro-500 13 gallon, 500 p.s.i. upright extractor tops the industry in productivity. Our unique recycling technology virtually eliminates dump and

refill

down-time that you normally experience with traditional extractors. Solution

lasts

up to 7 times longer, which means you get every job done faster. With

patented

moisture-controlled cleaning technology this unit is appropriate for all areas.

Systems Include:

- Base Unit

- 11" Rapid Recovery Wand (Type R\*, 3-Jet Wand)

- 3" Combo Tool

- 33' Flex Hose (1.5" Integrated Solution and Recovery

Hose)

## 10452A/10453A SPECIFICATIONS

Tank Capacity  
13 gallons

Recovery Tank  
11 gallons

Vac Motor  
Dual 2-stage

CFM  
97/201

Waterlift  
150"

p.s.i.  
200/400

Power Cord  
pigtail - 25' extension

Tank construction  
High density polyethylene

Wheels  
12" non-marking

Weight  
99 lbs./122 lbs.

In-Line Heat  
1750 watts

Warranty  
5 years housing and frame  
1 year vacuum motor  
1 year pump and workmanship  
3 years on heater

## .Product Video Library

Pro 500 Recycling Extractor  
Playing Time 7:03

See a live demonstration of the features and applications of the CFR Pro 500. This unique recycling technology virtually eliminates dump and refill down-time you normally experience with traditional extractors, making solution last up to 7 times longer, getting every job done faster.

Let CFR's Revolutionary Carpet Extractors:

- \* Reduce Dumps and Refills by Recycling Solution up to 7 times!
- \* Control Moisture Through Our Unique Moisture-Controlled Atomization Process
- \* Improve Carpet Dry-Times with Superior Moisture Recovery
- \* Dramatically Reduce Cleaning Costs

Moisture-controlled cleaning systems meet requirements of the U.S. Green Building Council LEED E-B. --> Easily toggle between recirculation machine or

traditional pressure feed portable with auto dump  
Perfect for areas where water is hard to hook to or reach or when water is farther away than the 200 ft range.  
Can be used as a pressure washer vacuum recovery machine  
Carpet and upholstery machine  
Flood pumper  
Pressure feed portable  
Recirculation portable  
Air duct cleaning machine

Longer 65 ft hose set means you do not have to relocate your machine near as often.  
(Can operate up to 200 ft of hose by just adding hose length!)

#### One Machine Does it All

Clean Storm Goliath Pro-500 extractor continues to be the world's best build and strongest portable and offers the largest variety of surfaces to clean and options to us to achieve contractor-grade, deep cleaning results.

More vacuum, more heat, and more pressure, more speed, finer purer water filtration, longer hose runs.

A Goliath of a machine! Designed to meet multiple cleaning demands, the Goliath Pro extractor provides superior flexibility, portability, and tackles virtually any cleaning task including flood extraction, restorative carpet care, stairs, upholstery, fabric office partitions, hard surfaces, pressure washer recovery, and air duct cleaning.

#### Healthier Cleaning Science

Using healthier cleaning science to eliminate odors neutralize organic materials in carpet and increase the health and safety of building occupants. Use less water and less chemicals. Dry carpets faster than any other portable on the market with the 42,500 vacuum units. (1st portable to exceed 33 blower truckmount vacuum performance) Let the Goliath Pro increase your cleaning efficiency and extending the life-cycle of your carpets.

During recycle reclaim mode water is filtered 7 times. The first filter is the vacuum hose mount lint filter. This water is dumped into the 20 gallon dirty water tank. The water is pump out and travels to the stainless steel mesh filter, then to the 40 mesh filter, then to the 30 mesh filter, then to the 5 micron filter, Pump pre-filter, then through the filters on the cleaning wand. The transfer pump is used to suck the water out of these filters and push it back through the heat exchanger and through the final Pumptec pre-filter. The hose mount lint filter and 100 and 40 mesh filter are stainless steel.

Includes all the parts below plus labor for assembly

Equipment: [Carpet Cleaning Machines](#) > [Vacuum Cleaners](#) > [HEPA Concrete Dust Slurry Hazmat Vacuums](#) >

Mytee F200 Hose Mount Lint Hog Debris Carpet Cleaning Machine  
Hose Filter for 2 inch vacuum hose

Clean Storm Filter Reclaim Quad Filter Pack 80 Mesh to 5 microns for  
Water Reuse 20141820

Aquatec 60psi Pump Out Pump 3.5 GPM 115 Volt Auto Dump Out  
Mytee C381 5503-2E6E-B586

Clean Storm Goliath 20gal 500psi HEATED Four 2 Stage Vacs 14,000  
BTU Heater Muffler Auto Fill, Flood Pumper 65 ft Hose Set Wand, Carpet Cleaning  
Machine [SBM-GO-500H Set]

Allow 4 weeks for assembly time

Please note that we are going to remove the 30 gallon stainless steel pump and install the Aquatec 3.5 gpm on the roof or back wall of the machine.

Please note during water recycle reclaim service the cleaner is used over and over again so usually you would add the cleaner to the tank instead of prespraying the clean. If you are going to prespray, cut the dilution usage in half. The waste tank is 15 gallons so usually you would add 10 gallons of water in the tank with 5 to 10 ounces of low foam cleaner like

Shazaam: Kryptonium - 1 Gallon High pH Degreaser

More suction, more heat, more pressure, move vacuum motors, faster cleaning, better customer retention, hook in one place and clean the entire job site. Portable truckmount carpet cleaning machine. This unit is auto fill and auto dump and boost water temperature too! The water pump maintains more cleaning pressure than other 500 psi portables. This is because you can direct connect to any bathroom or kitchen sink with 13/16 or 15/16-27 thread count or 3/4" garden hose or washing machine connection. Other 500 psi portables can lose as much as 50% of the water pressure between squeezing the cleaning trigger and letting go because the pump has to suck out of a fresh tank reservoir and then build the pressure. The Goliath 500 psi system uses the water pressure from the building to feed the pump eliminating the pressure drop that other brands experience. You can also suck water out of a bathtub, bucket, or trash can if you do not want to direct connect the unit to the sink. This machine offers the ability to clean 200 ft from the machine with full productivity and automation of auto fill and dump. This package includes 65 ft of vacuum and solution hose. This

is the absolute most performance that can be squeezed out of 2 power cords! The cleaning impact of the heat exchanger is HUGE! Mytee Escape Truckmount ETM

Also available with Heated Electric 1200 psi pump for tile cleaning

Goliath

Quad Vac Flood pumper

The Industries Strongest Water Extraction Machine!

Tank Size: 20 gallon

Body Construction: Fiberglass box for durability,

Vacuum Motors: Four 2 stage vacuums (8 stages total will operate 200 ft of 2" vacuum hose!) Vacuum motors are configured: each pair is in series and then both pairs are in parallel for the best of both worlds of high cfm and high inches of lift.

Automation: 50 GPM STAINLESS STEEL sump pump with water level sensor (machines automatically dumps the dirty water as you clean for non stop production)

Draws only 4 amps. Mytee LTD3

Features:

- Dual ball float/standpipe,
- Clear dome lid on slotted hinged,
- Dual 50 ft. 12-3 power cords,
- Circuit locator
- 12" rear wheels and swivel casters in the front.
- Front mounted GFI w/ waterproof cover.
- Built in Auto Defoamer with adjustment knob.
- 

Clean Storm Fiberglass Vacuum Motor Manifold 20131023

Made with stronger fiberglass vacuum manifolds instead of plastic

Dual waste water discharge - Garden hose for cleans and 1-1/2" dump hose for floods (your choice)

- Machine will operate on either one or two power cords (see below)
- 6 ft auto fill hose



- 50 ft 2" vacuum and 3000 psi solution hose set with vinyl hose cuffs and brass QD's
- 15 ft 1-1/5" vacuum and 3000 psi solution hose set with vinyl hose cuffs and brass QD's (AH46 Hose cuff on one side and standard 1-1/2" hose cuff on the other)
- 12" dual bend, dual jet, all stainless steel carpet cleaning wand.
- 2" Barbed X 2" Barbed Vacuum connector to hook both hose sets together
- Two 2" Standard hose cuffs used to place Lint Filter in line with one of the 50 ft vacuum hoses. (Lint filter must be used at all times to prevent damage to auto dump pump)
- Internal PumpTec 80022 pump + PumpTec 80657 Pump Kit
- Universal Faucet Adaptor
- includes Lint Hog or AC10 Hydro Filter at No Charge (required use for auto pump out)!
- You can also purchase a more complete starter package by visiting [here](#).

#### Technical Specification:

- Primary cord (20 amp) runs (2) vac motors 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.
- Secondary circuit (15 amp) runs the (2) other vac motor in air series with a ball float shutoff and check valve.
- 2" vacuum intake.
- Stainless steel screen lint catch to protect your auto dump pump.
- Garden hose cam lock adapter for carpet and tile cleaning
- 1-1/2" cam lock adapter for flood restoration (seen in photo below)
- (5) Green lighted splash proof rocker switches.
- Blue tank/Grey base
- 250 C.F.M.'s
- 170" of Lift (normally dual 2 stage in series would only achieve 155" of lift but these MaxVac vacuum motor are actually doing 170" in series! This is one of the reasons we chose this set up. These are not inflated numbers!)
- 42,500 vacuum units (maximum inches of lift X maximum CFM) make this one of the strongest electric machines on the market
- Gallon of liquid defoamer can be set on top of extractor on jobs where you need to cut some suds. (auto dump systems only dump water and not bubbles)
- 14,000 BTU belly-mount heat exchanger Muffler. Uses the hot air from the four vacuum motors to heat the water to 140 degrees all the while making the vacuum motor a little quieter.
- optional 1750 watt electric heater on a third power cord available.

Valterra Products  
PX10

Standard Valtterra: Gate Valve 1.5in Replacement Dump Valve H225 Drain

Valve

- The Goliath 2 corded heat exchanger model is 74% more electrically efficiency than traditional carpet cleaning machines.

Quad 2 Stage Max Vac Vacuum motors are mounted vertical for longer bearing life.

Unit Measurements:

- Handle height is 39". Machine dimensions" 41" H x 24" W x 30" L
- Weight (assembled) = 99 lbs. w/out cords.

Goliath Advantages:

1. 20 gallon recovery tank
2. Auto defoamer needle valve
3. 2" vac port will run either 2" or 1-1/2" vacuum hose
4. The highest lift and highest CFM extractor on the market. Nothing comes close. This machine is impressive when it comes to suction. This machine will run longer hose lengths and dry carpet better than any other electric machine that is operating on two power cords.
5. Will operate on one 15 amp power cord, will operate on two 7 amp power cords, will operate on two 15 amp power cords, will operate on two 20 amp power cords. Just turn off features in applications where you have less power available.
6. Stainless steel dump valve is another industry first. You will not be able to brake it or clog it or wear it out.
7. Dual port water pump out discharge. Choose between dumping out a garden hose or out a 1-1/2" vacuum hose, your choice. Mytee Escape ETM Truckmount
8. Switch plate cover will keep your water resistant switch covers in place. Unlike some other brands the clear water protection cover can fall off once the machine gets old or if it gets knocked around.
9. Non stop cleaning with auto fill and dump included. (can also clean by using sucking water out of buckets like other low end extractors)
10. Hotter water than other portables. Even without the added heater this machine was already cleaning with hotter water than other portables. This is because other portables aerate the air and water together as you fill the fresh tank and then store the water in a fresh tank that further cools down the temperature. The Goliath takes water direct from the water heater - boost the pressure- and temperature and puts it right on the carpet. Heater does not use additional electricity to heat the water.

Optional Extended Warranty (parts and labor fixed in your town)

Add 2 more years \$550

Recommended Accessories Click here

Owner's Manual

Color is not guaranteed. The current color is Blue.

Auto Defoamer with adjustment knob

QUAD TWO-STAGE VACUUM MOTORS IN SERIES/PARALLEL  
AS PER MANUFACTURER'S RECOMMENDATION, MOTORS ARE MOUNTED IN A  
WAY THE BALANCES THE VACUUM (lift) AND THE VOLUME (cfm), BY  
MOUNTING THE VACS IN SERIES PAIRS THEN THE PAIRS ARE MOUNTED IN  
PARALLEL. THIS BALANCES THE LIFT AND CFM, GIVING BETTER  
PERFORMANCE THAN HAVING ALL 4 MOTORS IN SERIES (high lift but nominal  
cfm) OR ALL 4 IN TANDEM (plenty cfm but wimpy vacuum). SO FAR ONLY  
STEAMBRITE MFG GIVES YOU THIS SUPERIOR DELIVERY SYSTEM FOR 4 VAC  
MOTORS.

Belly-Mount Heater Exchanger Muffler

Receive half price shipping by picking up at SteamBrite San Antonio, TX  
Also available in 220v-230v-240 volts for \$400 extra + a one month lead time.

Which Goliath model is right for you?  
Four different cleaning water pressure pressure options.

How much pressure do you want and do you want a heater installed?

1. The heated 1200 psi unit the pump and heater combo. When using the heater, the pumps has to stay outside and you use the customer cold garden hose water. (Advantage: Most aggressive and fast cleaning for both carpet and tile cleaning. Heats the water to 190 degrees from cold garden hose. This is the only portable tile cleaning machine that heat water in the 450-1200 psi mode.)
2. On the 1200 psi cold/warm Water Otter system: You take everything inside and

use the customers hot water supply and clean with the water temperature that is provided by the building. (Advantages: Pump fits on top of the Goliath during transport. Easy to lift in and out of the service vehicle. Quickly turns down to lower pressures for carpet and upholstery cleaning.)

3. There is also a 500 psi all-in-one machine that has an optional of a heat exchanger.

Tile cleaning option can also be performed but you would have to purchase one of the other 1200 psi pumps. (Advantage: If all you ever going to do is carpet cleaning, upholstery cleaning, water extraction, and air duct cleaning, this option keeps the machine on two power cords and rolls in the building as one unit.)

4. High flow extraction cleaning. This is where you use 65 psi building water pressure to clean but you change the jet on your cleaning wand/tools to a jet that is 3 times larger. More water and less pressure. (Advantage: light weight, nothing to break, smallest investment. Primarily used in apartment cleaning)

All models of Goliaths (misspelled Golaith) can do flood restoration and air duct cleaning.

To see our vacuum motor testing visit

<https://www.steam-brite.com/forum/showthread.php?p=3004#post3004>

How does the Goliath heat exchanger compare to the Black Max heater? Discussion board is listed at

<https://www.steam-brite.com/forum/showthread.php?t=1980&highlight=black>

Testimonial:

"Love the heat exchanger by the way. I use a 360 Rotovac so the water volume is fairly large but when used to boost the customer's hot water at the machine it's a brilliant solution.

Thanks ~ Ted - Sonoma, CA"

"I wanted to say I am very pleased with my Goliath .

Regards Robert Alleva

Clean Image Carpet Care"

"I just wanted to report to you that I am very pleased with the unit.

Cfm reads at 275-280 with lift at 11hg.

\*\*All in all so far a gr8 unit! J Most powerful unit I have used as far as portables goes.

Nice solid construction too J

Cheers, John ZARZ Carpet Cleaning Professionals"

This portable carpet cleaning machine is impressive. I have not seen an portable in 30 years that works as well as this one does. The design of this machine was first started because customer used to ask us "I want to purchase a portable and leave in the the truck. What machine has enough power to do this?" At the time none did. Every issue was addressed in this design from:

- More heat: Accomplished by direct connect (can be up to 10 degrees hotter than suction feed portables) to hot water supply and heat exchanger (free energy up to 30 degree hotter than non heated machines). Compare this to a traditional heated carpet machine, they usually only get a 20 degree rise on top of the starting water temperature because of all the loss of heat while the water is sitting in the fresh tank.
- Less electricity: accomplished by using a heat exchanger instead of traditional heating rod. The number one reason portable trip breakers is because the heaters use a lot of electricity. Once we found a system that heated water as well as any electric system, we can use more electricity for vacuum. We all know that this is the most important thing to look for in an extractor. Drier carpet lead to happier customers.
- Less weight: No fresh water tank. Why do you need one? I cannot think of a single instance that you need a fresh water tank that cannot be replaced by just placing the connection hose in a bucket, bath tub, toilet tank, trash can...
- The best vacuum possible for two power cords: We tested over a dozen different vacuum motors in different configuration, amp draw, cfm, inches of lift, series VS parallel. This machine meet the best of inches of lift and cfm with the best heat for the heat exchanger.
- Faster Cleaning by more water pressure: Accomplished by direct connect system. Most suction feed machines have a huge pressure drop between use and standby water pressure. With the extra building pressure helping push on the water pressure the pumps last longer and just work better.
- Summary: Faster Cleaning Accomplished by auto fill, auto dump, and more water actual water pressure while the cleaning tool is in use, better dry time, longer hose runs, larger auto dump to also do flood restoration, Zero clog dump valve, automatic defoaming, easier stair climbing. The machine does not have to follow you around the house. Set up in one place and just use extra hose. This machine works with all power wands. In the past power wands were only available to truckmounted carpet cleaning users. The Goliath can operate the RX20, Rotovac, DriMaster, Hoss700, PEB, PowerMate, SpinMaster, etc...

Starter packages available to clean:

Air Ducts, Tile and Grout Cleaning, Water Extraction, Carpet Cleaning (either high flow and high pressure),

Auto Detailing, Mattress, Upholstery, and Drape Cleaning.

Turn your Goliath into the worlds strongest shop vac with:

Shazaam: Dry Vacuum Option for Goliath Extractor

Date Added: Thursday 26 March, 2009

Manufacturer: Shazaam

CFR questions and answers:

<https://www.steam-bright.net/showthread.php?3387-What-is-CFR-Ozone-Assist&p=5475#post5475>

Questions; Clean Storm Goliath Pro 15gal Quad 2 Stage Vac 500psi HEATED Recirculation Package [SBM10445ACFR]

I have few questions about the carpet machine, I've been told by our to ask u the questions below

1&middot; How many jets does the wand comes with?

2 Does it come with a chemical hose?

3&middot; Currently we are using a 10 Years old carpet machine it has a tank to fill the water and our chemical in

How does the storm Goliath get filled with water and chemical?

4 Is there a tank?

5 Can we use it in a places where there is not garden water hose and a sink to dump the water in?

Answers Re-circulation mean that it only has one tank. The fresh water tank and solution tank are the same tank. It re-cleans and re-uses the same water over and over.

1. 2 jet wand

2. Includes a solution and water hose (same 65 feet of hose)

3. You can manually just fill the machine with water.

4. The 20 gallon vacuum tank would be filled with 15 gallons of clean water with the chemicals.

5. You tank toggle back for forth between auto fill and dump and using the machine as a re-circulation carpet cleaning machine.

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Optional  
Clean Storm Grout Master Cleaning Tool 300psi - 1200 psi 20190919 Wand  
For the first time in history, pressure wash tile and grout with a standard 500  
psi portable carpet cleaning machine.  
No high pressure pump required.  
Watch Video On Link!

Availability: This product was added to our catalog on Tuesday 14 October, 2008