

TRAC DESCALER

- MM TRA 1204-MG
- MM TRA 1204-MC
- MM TRA 1204-MP
- MM TRA 1204-MD
- MM TRA 1204-PP
- MM TRA 1204-PC

TRAC DESCALER CONCENTRATE

- MM TRA 1212-MG 1 GALLON
- MM TRA 1212-MC 4 PCS CASE
- MM TRA 1212-MP 5 GALLONS
- MM TRA 1212-MD 55 GALLONS
- MM TRA 1212-PP 27 PCS PALLET
- MM TRA 1212-PC 36 CASES PALLET (4 PCS CASE)

Descaler is formulated to remove residues caused by fresh water, such as scale, silicate, calcium, sludge and mineral deposits. TRAC's Descaler™ is a safe biodegradable scale remover designed to dissolve fresh water scale which forms a rock-like build inside water cooled equipment.

Scale deposits in your equipment's cooling system dramatically reduces heat transfer rate. As little as 1/64" of scale build up will reduce system efficiency as much as 15%. Eventually this will result in system overheat.

Used at room temperature, Descaler™ can safely be recirculated throughout your equipment. This mild solution penetrates hard to reach areas and removes years of scale built-up, restoring your system to its original condition.



Types of Applications

Descaler™ can safely be used to remove scale from:

- Engine fresh water cooling systems
- Boilers
- Cooling towers
- Condensers
- Chillers
- Heat exchangers
- Distillation towers
- Compressors
- Pumps
- Radiators
- Evaporators
- Parts



Descaler™ is sold in concentrated form or a ready-to-use format. One gallon of Descaler Concentrate™ will make 5 to 10 gallons of ready-to-use solution.

PIPE GALLONAGE CHART

Diameter	Length in feet				
	Inches	1	5	10	20
1		0.04	0.2	0.4	0.8
2		0.16	0.8	1.6	3.2
3		0.37	1.84	4	8
4		0.65	3.26	7	13
5		1.02	5	10	20
6		1.47	7	15	29
7		2	10	20	40
8		2.61	13	26	52
9		3.31	16	33	66
10		4	20	41	82
12		6	29	59	118
14		8	40	80	160
16		10	52	104	208



TRAC BARNACLE BUSTER

- MM TRA 1208-MG
- MM TRA 1208-MC
- MM TRA 1208-MP
- MM TRA 1208-MD
- MM TRA 1208-PP
- MM TRA 1208-PC

TRAC BUSTER CONCENTRATE

- MM TRA 1206-MG
 - MM TRA 1206-MC
 - MM TRA 1206-MP
 - MM TRA 1206-MD
 - MM TRA 1206-PP
 - MM TRA 1206-PC
- 1 GALLON
4 PCS CASE
5 GALLONS
55 GALLONS
27 PCS PALLET
36 CASES PALLET (4 PCS CASE)

Barnacle Buster™ is a safe, non-toxic, and biodegradable marine growth remover. It is specifically formulated to meet an industry wide need for a fast, safe, & cost effective alternative to mechanical cleaning of water cooled equipment. With minimal dismantling of equipment required, Barnacle Buster™ can safely be recirculated through sea water cooling systems, dis-solving barnacles, zebra mussels, calcium, rust, lime and all other mineral deposits. Most applications can be completed within 4 hours!

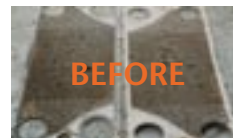
Barnacle Buster™ along with our Advance Descaling Technologies™ have many advantages including rapid execution, low corrosion rates, & the ability to either spot clean or flush the entire system .



Types of Applications

Barnacle Buster™ can safely be used to remove marine growth from:

- Engine seawater cooling systems
- A/C & refrigeration cooling systems
- HULLS
- SEACOCKS
- SEA STRAINERS
- Boat bottoms
- All types of heat exchangers
- Bow thrusters
- Water makers
- Propellers
- Pumps
- PIPING
- SEACOCKS
- SEA STRAINERS
- Boat bottoms



Barnacle Buster™ is also available in a concentrated format: Buster Concentrate's™ dilution rate is 1:4 (1 part of Buster Concentrate in 4 parts of water). This dilution must be performed prior to all applications.

ENGINE CIRCULATION CHART

Engine Size	Hours
Light 10 – 250 Hp	1 to 2
Small 250 – 800 Hp	2 to 4
Medium 800- 1800 Hp	4 to 6
Large 1800 +	6 to 12

TRAC SEW CLEAN

MM TRA 1218-MG	1 GALLON
MM TRA 1218-MC	4 PCS CASE
MM TRA 1218-MP	5 GALLONS
MM TRA 1218-MD	55 GALLONS
MM TRA 1218-PP	27 PCS PALLET
MM TRA 1218-PC	36 CASES PALLET (4 PCS CASE)

Sew Clean™ is the only safe and effective environmental solution to eliminate problematic clogs and nasty odors from black water systems.

Sew Clean™ builds upon the proven Barnacle Buster™ formula and takes it one step further. Special attention has been given to ensure that foam and bacteria are significantly reduced while flushing. Like all of TRAC's products, Sew Clean™ is non toxic, biodegradable and safe to use with all types of materials commonly found in black water systems.



Why use Sew Clean?

Sew Clean™ is the most effective alternative when it comes to removing uric scale from deep inside black water systems. Formulated specifically to target uric scale and clean sewage systems from toilet to tank, Sew Clean™ will dissolve clogs which cause plumbing to overflow and create nasty odors.

Sew Clean™ is the only safe and effective environmental solution to eliminate problematic clogs and nasty odors from black water systems.

Sew clean™ has been designed to provide impeccable results without having to remove any piping or create a mess.

Sew Clean™ can be used by one of two methods:

- **Immersion:** Isolate the tanks, fill the entire system, and let stand for 24 hours.
- **Circulation:** Isolate the tanks, connect circulation equipment, and recirculate.



BEFORE

AFTER

PIPE GALLONAGE CHART

Diameter	Length in feet				
	Inches	1	5	10	20
1		0.04	0.2	0.4	0.8
2		0.16	0.8	1.6	3.2
3		0.37	1.84	4	8
4		0.65	3.26	7	13
5		1.02	5	10	20
6		1.47	7	15	29
7		2	10	20	40
8		2.61	13	26	52
9		3.31	16	33	66
10		4	20	41	82
12		6	29	59	118
14		8	40	80	160
16		10	52	104	208

Sew clean™ is sold in concentrated form. One gallon of Sew clean™ will make 5 to 8 gallons of ready-to-use solution. (depending on dilution rates)



TRAC PSR

MM TRA 1222-MG	1 GALLON
MM TRA 1222-MC	4 PCS CASE
MM TRA 1222-MP	5 GALLONS
MM TRA 1222-MD	55 GALLONS
MM TRA 1222-PP	27 PCS PALLET
MM TRA 1222-PC	36 CASES PALLET (4 PCS CASE)

PSR™ is formulated to remove residues caused by fresh water including scale, silicate, calcium, sludge, and all other mineral deposits.

Originally designed to address problems within municipal drinking water systems, PSR™ has been formulated to meet strict NSF requirements.

PSR™ rids your potable water system of odors & discoloration by attacking the source! Scale builds on low lying, flat sections of your system allowing bacteria to form. PSR™ targets & removes these areas, bringing new life to your fresh water system.

Built on our proven formula providing a safe, non-toxic solution, PSR™ takes it one step further by employing only food-grade rated chemicals. Thus ensuring your system will remain safe for drinking.

PSR™ provides impeccable results without having to remove any piping or create a mess.

PSR™ can be used by one of two methods;

- **Immersion:** Isolate the tanks, fill the entire system and let stand
- **Circulation:** Inject PSR™ into tank, mix, run aucets for 2 min. every 15 min until the tank is empty, fill the system and rinse.

PSR™ is sold in concentrated form. One gallon of PSR™ will treat approximately 30 to 40 gallons of potable water. (depending on dilution rates)



BEFORE



AFTER

PIPE GALLONAGE CHART

Diameter	Length in feet			
	1	5	10	20
Inches				
1	0.04	0.2	0.4	0.8
2	0.16	0.8	1.6	3.2
3	0.37	1.84	4	8
4	0.65	3.26	7	13
5	1.02	5	10	20
6	1.47	7	15	29
7	2	10	20	40
8	2.61	13	26	52
9	3.31	16	33	66
10	4	20	41	82
12	6	29	59	118
14	8	40	80	160
16	10	52	104	208

TRAC T-GREASER

- MM TRA 1226-MG 1 GALLON
- MM TRA 1226-MC 4 PCS CASE
- MM TRA 1226-MP 5 GALLONS
- MM TRA 1226-MD 55 GALLONS
- MM TRA 1226-PP 27 PCS PALLET
- MM TRA 1226-PC 36 CASES PALLET (4 PCS CASE)

TRAC T-GREASER SPRAY

- MM TRA 1226-MS 32 OZ
- MM TRA 1226-SC 12 PCS CASE
- MM TRA 1226-PS 36 CASES PALLET (4 PCS CASE)



As with all of Trac's products, T-Greaser™ has been formulated to be safe, on-toxic, non-corrosive and 100% biodegradable. This powerful, multipurpose, butyl-free cleaner/degreaser contains the latest developments in natural-extracts, alkaline builders, emulsifiers, and cleaning boosters. Spray it on and watch the toughest stains dissolve right before your eyes. Because T-Greaser™ contains only natural ingredients; it leaves a natural clean smell, while remaining safe for the environment. It really works!



BEFORE



AFTER

Advantages

- The Environment first!! 100% biodegradable. Breaks down within hours, not years! Non-toxic to humans or aquatic organisms.
- Effective!! T-Greaser™ has been designed to work within a wide temperature range (60°F-180°F), and can be diluted up to 200 times!
- A safer degreaser!! DOES NOT contain any petroleum products, phosphates, chlorinated solvents or toxic butyl cello solve. T-Greaser™ contains no known pollutants.
- Food-safe!! Approved by NSF. Gras substance pursuant to 21CFR 184,1769 for food and corrosion preventative
- Free rinsing!! T-Greaser™ leaves no residue.
- Long lasting!! Keeps working long after other products are saturated.
- Versatile!! Rapid removal of oils, greases, grime, soap scum, mildew stains, sludge bottoms, fats, synthetic lubes, preservative coatings, rubber tire marks, inks, pigments, & much more!

Application	Dilution Range
Reflective Surfaces: Glass, windows, mirrors, chrome, any shiny surface 1:200 T-Greaser™/Water	 1:200
Light Cleaning: Floors, walls, light stains 1:60 T-Greaser™/Water	 1:60
All-Purpose Cleaner: Outdoor areas, workshop, boats, RV's, cars 1:40 T-Greaser™/Water	 1:40
Heavy Duty Cleaning: Grills, Engines, Wheels, Heavy Deposits 1:1 T-Greaser™/Water	 1:1



TRAC HAND CLEANER TUBE

MM TRA 1311-MS	1.1 LB
MM TRA 1322-MS	2.2 LB
MM TRA 1366-MS	6.6 LB
MM TRA 1311-MC	36 PCS CASE
MM TRA 1322-MC	24 PCS CASE
MM TRA 1366-MC	6 PCS CASE
MM TRA 1311-MP	28 CASES PALLET (36 PCS CASE)
MM TRA 1322-MP	24 CASES PALLET (24 PCS CASE)
MM TRA 1366-MP	48 CASES PALLET (6 PCS CASE)

This superb hand cleaner removes dirt, grease, oil, tar, varnish, graphite, carbon, glue, leaving hands absolutely clean and smooth!

Trac Hand Cleaner contains a unique blend of high quality all natural ingredients providing a pleasant, almond scented, solvent free cleanser. Like all of Trac Ecological's products, Trac Hand Cleaner is safe, non-toxic and of course biodegradable.

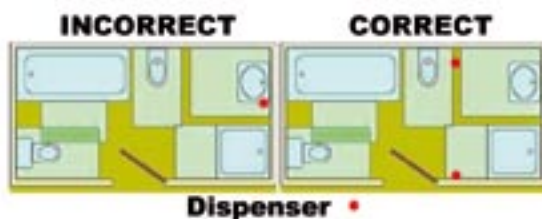
Rather than using chemicals or petrochemical solvents - which rob the skin of vital oils, leaving hands dry and prone to skin diseases - Trac Hand Cleaner employs only natural oils and soaps to deep cleanse the skin and protect against dryness.

Trac Hand Cleaner's unique "after-feel" is proof that its natural ingredients are conditioning and protecting your skin.

Efficiency has long been a hallmark of any Trac product and our hand cleaner is no exception. No more than one tea spoon is required to clean hands to complete satisfaction. When used in conjunction with Trac's unique dispenser, total economic control is attained. Every 6.6 Lbs cartridge delivers 600 hand cleanings!

Placement

Placement of your hand cleaner is vital to any efficient cleaning station. As you can see from the diagram it is best to have the dispenser located away from the wash basin. This promotes the user to dry rub Trac Hand Cleaner into their hands before rinsing thus requiring less product.



Studies have shown that following this plan will increase the life of a cartridge by 40%!!



Direction for Use:

1. Work approximately one teaspoon of Trac Hand Cleaner into hands.
2. Add a few drops of water and continue rubbing hands.
3. Finally, rinse clean with running water.

FEEL THE DIFFERENCE!!

TRAC PORT-O-FLUSH JR.

MM TRA 1245-M

MM TRA 1245-MP

27 UNITS PALLET

Trac Ecological's advanced descaling systems provide an environmental answer to internal, in-place cleaning, of all your vital onboard equipment!

Port-O-Flush Jr.™ is the smallest flushing unit available on the market today. A powerful tool packaged into a five-gallon bucket, Port-O-Flush Jr.™, provides portability and versatility while still efficiently handling small to medium size engines, heat exchangers, air conditioning & refrigeration systems.

Designed with the do-it-yourself boat owner in mind, the Port-O-Flush Jr.™ is extremely simple to use. Tasks which normally would have led to days of down time can now be confidently preformed within an afternoon.

TRAC's Port-O-Flush Jr.™ can be easily stowed onboard, providing added insurance for emergency engine overheating conditions!

Every Port-O-Flush Jr.™ comes complete with all the hoses and fittings you'll need to perform applications on most engines & equipment commonly found on today's small to medium sized vessels.

The Port-O-Flush Jr.™ has been designed for use with any of TRAC's environmentally friendly products. Careful attention has been given to ensure safety of both you and your equipment.



Specifications:

- High density polyethylene five-gallon container with lid
- Anti-corrosive, epoxy encapsulate, centrifuge submersible pump
- Tough schedule 80 PVC fittings
- Supply & discharge isolation valves
- (2) 10' 5/8" nylon reinforced hose with fittings
- (2) 1/2" male NPT nylon adaptors
- (2) 3/4" male NPT nylon adaptors

Why YOU need a Port-O-Flush Jr.™

• **Engine overheating:** Over time, both fresh & salt water cooled engines will develop scale and marine growth build up. Eventually this will cause the engine to overheat.

Flushing with the Port-O-Flush Jr.™ will **ELIMINATE ALL SCALE AND MARINE GROWTH!**

• **Air conditioning not cooling:** When scale builds up inside A/C condenser coils, heat transfer is significantly reduced. This will cause your A/C to work a lot harder to cool your boat. Flushing with a Port-O-Flush Jr.™ will make sure your air conditioning maintains its efficiency!

• **Pipes Clogged:** having a Port-O-Flush Jr.™ on hand means you never have to worry about clogged pipes again. Anything from black water lines to fresh water systems, Port-O-Flush Jr.™ is always ready for the task.

The Port-O-Flush Jr.™ has been designed for use with any of TRAC's environmentally friendly products. Careful attention has been given to ensure safety of both you and your equipment.



TRAC PORT-O-FLUSH MM TRA 1250

Trac Ecological's advanced descaling systems provide an environmental answer to internal, in-place cleaning, of all your vital onboard equipment!

We designed the Port-O-Flush™ to be a compact yet powerful tool built right into a rugged hand truck! Although other systems are portable, only the Port-O-Flush™ can easily navigate rough or uneven terrain commonly found in shipyards and marinas.

Port-O-Flush™ is our most popular flushing system with dealers & service technicians. Without a doubt the Port-O-Flush™ is professional grade.

From its touch schedule 80 construction to its pressure regulated, flow control system, every aspect of the Port-O-Flush™ has been designed with the professional in mind.

Port-O-Flush™ provides portability and versatility while still efficiently handling small to medium size engines, heat exchangers, air conditioning & refrigeration systems.

TRAC's Port-O-Flush™ is an essential tool to anyone responsible for water system maintenance!



Specifications:

- 15 Gallon open head tank made of recycled, heavy duty plastic.
- TRAC-Directional system™ allows for easy flow reversal on the fly.
- High strength polypropylene hand truck with pneumatic tires.
- Anti-corrosive 1" centrifugal pump, 110V, 10.3GPM @ 65PSI.
- Isolation valves throughout to allow for easy maintenance.
- Adjustable pressure regulator with 0-65PSI working range.
- All plumbing fitted in high strength schedule 80 PVC.
- Pump designed for easy removal for maintenance.
- Product suction port for easy product injection.
- Garden hose connection for system-flushing.
- Liquid filled stainless steel pressure gauge.
- Product sample port for PH testing.

Optional Equipment

Port-O-Flush

- 1" Ultra-force flushing hose, cut to suit and fitted with 1"NPT threaded connection ends.
- High efficiency bag filter with pressure bypass relief.
- Safety cut-off flow switch plumbed into return line.
- Product immersion heater kit.
- In-line digital PH meter.
- Flange & fitting field kit.

PERFORMANCE CHART

Model	GPM (LPM) AT TOTAL FEET OF LIFT (m)				
	5 (1.5m)	10 (3m)	15 (4.6m)	20 (6.1m)	25 (7.6m)
Port-O-Flush	6.1 (23)	5.1 (19.3)	4.2 (15.9)	3.9 (14.8)	3.0 (11.4)

TRAC PRO-FLUSH MM TRA 1255

Trac Ecological's advanced descaling systems provide an environmental answer to internal, in-place cleaning, of all your vital water cooled equipment! Originally designed 15 years ago, the Pro-Flush™ was TRAC's only answer when it came to flushing needs. Today the Pro-Flush™ is joined by a line of flushing equipment and effectively bridges the gap between the Port-O-Flush XL™ and the Pro-Flush Mobil™ combining the best of both worlds. Built on a rugged, lightweight platform with 8" pneumatic tires, the Pro-Flush™ is both portable and highly maneuverable. But don't let it's size fool you, the Pro-Flush™ can handle big jobs! With a built in filter and pressure regulator, versatility is standard on all Pro-Flush™ units.

The Pro-Flush is perfect for:

- Engines
- Boilers
- Black water systems
- Generators
- HVAC systems
- Piping systems
- Gray water systems
- Heat exchangers
- On-site service
- In-house service
- Refinery service
- Ship-board service

The Pro-Flush™ has been designed for use with any of TRAC's environmentally friendly products. Careful attention has been given to ensure safety of both you and your equipment.



Specifications:

- Anti-corrosive platform with 8" pneumatic tires.
- Open head nylon tank with gallon readings.
- Available in 110/20VAC 50/60 cycle.

Dimensions:

Length: 44.59"
Width: 24.25"
Height: 55.12"

Optional Equipment

1" Ultra-force hose, fitted with 1"npt threaded connections.
Safety cut-off flow-switch plumbed into return line.
Flange & fitting field kit.



TRAC PRO-FLUSH XL MM TRA 1260

Trac Ecological's advanced descaling systems provide an environmental answer to internal, in-place cleaning, of all your vital onboard equipment!

Originally designed 15 years ago, the Pro-Flush (XL)TM was TRAC's only answer when it came to flushing needs. Today the Pro-Flush (XL)TM is joined by a line of flushing equipment and effectively bridges the gap between the Port-O-FlushTM and the Pro-Flush MobilTM combining the best of both worlds.

Built on a rugged, lightweight platform with 8" pneumatic tires, the Pro-Flush (XL)TM is both portable and highly maneuverable. But don't let its size fool you, the Pro-Flush (XL)TM can handle big jobs! With a built in filter and pressure regulator, versatility is standard on all Pro-Flush (XL)TM units. Available with the same centrifugal pump configuration employed on the Pro-Flush MobilTM, the Pro-Flush XLTM only sacrifices tank size making it perfect for applications where trailer access is impossible.



The Pro-Flush (XL) is perfect for:

- Engines
- Boilers
- Black water systems
- Generators
- HVAC systems
- Piping systems
- Gray water systems
- Heat exchangers
- On-site service
- In-house service
- Refinery service
- Ship-board service

Optional Equipment

- 1" Ultra- force hose, fitted with 1"npt threaded connections.
- Safety cut-off flow-switch plumbed into return line.
- Product immersion heater kit.
- Sch. 40 PVC construction.
- In-line Digital PH meter.
- Flange & fitting field kit.

The Pro-FlushTM has been designed for use with any of TRAC's environmentally friendly products.

Careful attention has been given to ensure safety of both you and your equipment.

Specifications:

- Anti-corrosive platform with 8" pneumatic tires.
- Open head nylon tank with gallon readings.
- Available in 110/20VAC 50/60 cycle.
- Pressure-Flow control system.

COMPARISON CHART

	Pro-Flush TM	Pro-Flush XL TM
tank	35 gallons	55 gallons
pump	10.3gpm @ 60psi	20gpm @ 55psi
piping	1" Sch. 80pvc	1.25" Sch. 80pvc
filter	15 gpm	25 gpm
pressure range	5-55 psi	5-55 psi
application range	25-150 gallon	25-250 gallon

TRAC PRO-FLUSH MOBIL MM TRA 1265

Trac Ecological's advanced descaling systems provide an environmental answer to internal, in-place cleaning, of all your vital water cooled equipment!

Designed to handle ANY size flushing application, TRAC's Pro-Flush Mobil™ is a very powerful tool employing only the highest quality parts and accessories. TRAC has introduced some very innovative design concepts on the Pro-Flush Mobil™ in efforts to provide the user with the most versatile flushing unit on the market today.

Versatility means you have full control over line pressure. Anywhere from -30PSG to 55PSI you can dial in line pressure to ensure you do not overcome system design pressure on.

With the ability to vacuum flush a system, Pro-Flush Mobil™ becomes indispensable when servicing systems that normally operate under vacuum. This means not having to remove equipment to cap lines or worry about spilling product. Black water jobs are done in half the time!

Using Pro-Flush Mobil™ means the ability to perform up to four independent applications simultaneously! Service both fresh and salt water sides of an engine cooling system, or clean a chiller plant while flushing a black water line! The possibilities are endless when you have a Pro-Flush Mobil™.

The Pro-Flush Mobil is perfect for:

- Engines
- HVAC systems
- Boilers
- Black water systems
- Piping systems
- Generators
- Heat exchangers
- Refinery service
- Gray water systems
- On-site service

The Pro-Flush™ has been designed for use with any of TRAC's environmentally friendly products. Careful attention has been given to ensure safety of both you and your equipment.



Specifications:

- Tandem axel trailer with fiberglass secondary containment flooring.
- Flow control system provides flow reversing & pressure regulating.
- Stainless steel gauges mounted on all supply & discharge lines.
- Anti-corrosive eductor provides vacuum flushing capabilities.
- Two 1.5" high output 110/220VAC (2) Hp centrifugal pumps.
- Aluminum storage rack custom made for tools & fitting bins.
- High flow filter, bag type, with bypass valve.

Optional Equipment

- 1" Ultra-force hose, fitted with 1"npt threaded connections
- Safety cut-off flow-switch plumbed into return line
- Product immersion heater kit
- Schedule 40 PVC construction
- In-line digital PH meter
- Flange & fitting field kit
- Onboard generator
- Secondary filter
- Flat jaw vise
- Tool box

