

# TEMPEST™

Authorized Distributor:



**Fortune Metal Finishing Corp.**  
 116 Gould Street  
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 866.449.4160  
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## PRESSURE CLEANS PARTS WITHOUT USING GRIT OR ABRASIVES

The **Tempest™ Series** of aqueous cabinet parts washers uses 600 psi of heated high-pressure aqueous cleaning solution power to scrub parts clean—no abrasives to damage precision machined parts.

The ultimate in operator comfort, the **Tempest™ 10/20S** keeps the operator's hands clean and out of cleaning solution. Operator simply slips hands into gloves and presses foot pedal to operate. Adjustable hand-held spray nozzle can be set to a wide fan or pinpoint stream to direct cleaning power where needed.

Fast heat-up, illuminated cabinet and window-clearing blower are standard on both units. Flexible neoprene gloves, safe and convenient air-actuated on/off foot pedal switch, and ergonomic working height maximize user comfort and result in increased efficiency. 110 mesh filter traps chips and solids and continuously filters fluid.



TEMPEST™

## TEMPEST™ 10/10S/20S

**SPRAY NOZZLE ALLOWS DIRECT PRESSURE**



### Standard features

600 PSI/180 GPH/1 Hp pump

Heated cleaning fluid up to 120°F

Air knife window blowoff

Double-hinged front door allows full access to cleaning chamber

Variable output nozzle

Light fixture for part visibility during cleaning

110 Mesh filtration

#### Tempest™ 10 features:

10 gal easy-to-change internal pail

Mild (T10) or stainless steel (T10S) spray chamber construction

#### OPTIONAL

Air blow-off nozzle

#### Tempest™ 20S features:

Stainless steel spray chamber construction

Stainless steel roll-out reservoir with quick-disconnect fittings

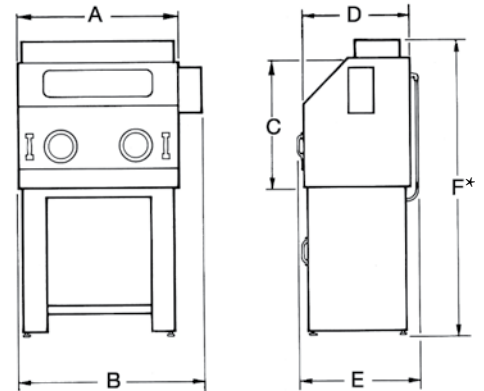
#### OPTIONAL

Air blow-off nozzle

Oil skimmer

Ball transfer table for manipulating heavy parts

Elevated drain shelf



MODEL NO.	A	B	C	D	E	F
TEMPEST™ 10/10S	36"	41½"	29"	24"	35½"	66"
TEMPEST™ 20S	36"	41½"	29"	40½"	44"	66"

\* Height with door open is an additional 7"

SPECIFICATIONS	TEMPEST™ 10/10S	TEMPEST™ 20S
Parts Load (max)	500 lbs	500 lbs
Operating Fluid Capacity	10 gal	20 gal
Spray Pressure (max)	600 psi	600 psi
Motor/Heater-Power	1 HP/1000W 115V, 60Hz, 1 Ph	1 HP/1500W 115V, 60Hz, 1 Ph

# CLEANING FLUIDS

**Graymills fluids** are specially formulated to provide optimum cleaning in our parts washers. They are intended to be used for a variety of cleaning needs, and specific formulations are available for cleaning ferrous and non-ferrous metals, rubber and elastomers, parts to be painted, and for removal of many varieties of grease, motor oil, cutting fluids, carbon deposits, inks and gummy residues.

## General Purpose Solvents



### Super Agitene™

#### M5005 (5gal), M8400 (50gal)

Ideal for cleaning of metal, plastics and painted surfaces. Grease, motor oil, cutting oil and water soluble oils are removed with ease. Gummy deposits unaffected by ordinary mineral spirits are readily softened or removed. Contains Hand Ease® a cosmetic-grade lanolin formulation, which replenishes some of the skin's natural oils removed by solvents. It helps to reduce the chance of irritation and chapping, leaves a protective coating on parts to help retard corrosion, and is a low-odor solvent with a 105° F flashpoint (40°C). It should not be used on parts going into a plating or painting process. (See regular Agitene.™) Available in 5 gallon pails and 50 gallon drums.

### Regular Agitene™

#### M2062 (5gal), M1700 (50gal)

Same high quality cleaning action and flash point as Super Agitene,™ but leaves no film, thus making it ideal for cleaning parts to be painted. It will not attack varnish, allowing it to be used on varnish-insulated electrical components. Available in 5 gallon pails and 50 gallon drums.

### Super Agitene™ 141

#### M5005-141 (5gal), M8400-141 (50gal)

### Regular Agitene™ 141

#### M2062-141 (5gal), M1700-141 (50gal)

No ingredients listed as hazardous by the EPA's RCRA

Meets OTC VOC regulations

Has the same attributes as low-flash counterparts but a higher flash point of 141° F (60° C), which meets local regulations where use of High Flash Point Solvent is required. Available in 5 gallon pails and 50 gallon drums.

## Solvent Filtration



### Solvent Saver Filters

Extend the life of solvent cleaning solutions by filtering out the oil and grease that accumulates in the solvent cleaning solution.

Fits all

Easy installation universal adapter

Replace "as-needed"

Maintains cleaning solution

### Solvent Saver I

Oil and Grease Removal (Packed two/carton)

**SS-11** 7" diameter x 11" long—includes one connecting hose

**SS-18** 7" diameter x 18" long—includes one connecting hose

### Solvent Saver II

Oil and Grease Plus Particulate Removal (Packed two/carton)

In addition to special absorbent materials, it contains a 5 micron filter cartridge that filters particulate from the solvent prior to oil and grease absorbing stage.

**SSC-11** 7" diameter x 11" long—includes one connecting hose

**SSC-18** 7" diameter x 18" long—includes one connecting hose

### For Solvent Saver I and II

Solvent Saver Hanging Bracket—Stainless Steel bracket holds filter out of way on inside of parts washer.

**SS-BRAC** 12" long x 9" deep X 8" high

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## Biodegradable Alkaline Aqueous Cleaners

Graymills versatile line of aqueous cleaners can be used for removing virtually any organic or inorganic soil, including greases, oils, soft carbons, epoxies, hard water residue, corrosion, oxides, paints, plating salts, rust and smut. Aquatene water-based cleaners work most effectively when heated and require only a water rinse.

### Aquatene 330

#### GM330C5 (5gal), GM330C55 (55gal)

A general purpose concentrated detergent in liquid form. Works best when heated up to 180° F (82° C). Ideal for use in free-standing manual systems and immersion type part washers. Removes soft carbon deposits, light coatings, grease, gummy residue, oils, latex paint, light varnishes, rust preventatives. A five gallon pail makes 25-50 gallons; a 55 gallon drum makes 275-500 gallons, depending on concentration.

### Super Aquatene 360

#### GM360C5 (5gal), GM360C55 (55gal)

A general purpose concentrated cleaner in liquid form can be used up to 180° F (82° C) for faster cleaning. Ideal for use in free-standing manual systems and immersion type part washers. Removes all items listed for GM 330 but also effectively cuts buffing and lapping compounds, hard to remove coatings, water-based inks, oxidized oils and heavy or burned-on varnishes. A five gallon pail makes 25-50 gallons of cleaner; a 55 gallon drum makes 275-500 gallons of cleaner, depending on concentration.

### Super Aquatene 390

#### GM390C5 (5gal), GM390C55 (55gal)

A heavy-duty, low-foam concentrate perfect for use in spray cabinet washers. Ideal for steel, cast iron, and other ferrous metals (not for use on non-ferrous metals). Removes most greases, light oils, water soluble inks, hardened composites and loose metal chips. Contains a rust inhibitor. A five gallon pail makes 30-40 gallons, a 55-gallon drum makes 300-450 gallons, depending on concentration. Use heated to 180° F (82° C).

### Aquatene 571

#### GM571-25 (25lbs), GM571-100 (100lbs)

Low-foam, multi-metal safe, alkaline powdered detergent engineered to produce superior cleaning results. GM571 performs best in aqueous industrial parts washers from high-pressure spray cabinets (Tempest) to immersion type tanks. Not intended for ultrasonic use. The powdered compound mixes @ 3 to 8 ounces per gallon of water. Available in 25 lb cartons or twin 50 lb. cartons. Use heated to 180° F (82° C).



### Biotene, Super Biotene, and Turbo Biotene

Ph neutral, aqueous based solutions blended with specific emulsifiers and surfactants for use with our Bioremediation parts washers to help the microbial process work faster and more effectively while still delivering excellent cleaning performance.

### Super Biotene 550, Super Biotene 660

#### GM550-QT (1qt), GM550-1 (1gal) Concentrate

#### GM660-5 (5gal) Pre-mixed

A general purpose cleaner that provides a high level of cleaning ability to address a wider range of applications, Concentrates mix with regular tap water at a ratio of 19:1, our pre-blended formulas are ready to use right from the pail. USDA and SCAQMD approvals.

### Turbo Biotene 880

#### GM880-5 (5gal), GM880-55 (55gal) Concentrate

Our most aggressive formulation capable of cleaning and remediating the toughest jobs with the added benefit of a mild rust preventive. This concentrate mixes with regular tap water at a ratio of 7:1. Green Seal and NSF Certified.

**BIOFL1** Microbial impregnated cartridge filter

**BIO-POUCH** Blister pack of two microbial pouches

### Aqueous Solution Treatment System

System enables users to treat water-based aqueous solutions for sewer disposal.

**OAP25-4** Oil absorbent pads pick up floating oil. 19" by 15" oil pads absorb up to 25 times their own weight in oil. 4 packages of 25 (100 total)

**DN10-4** Neutralizer powder

To treat used solution to meet Federal and local disposal regulations. Neutralizer powder changes color of solution when sufficient powder has been added. Four 7lb containers.

**DDK** Detergent Neutralizer System

25 pads and one 7lb container of powder in a kit.

**Filter out** any remaining solids prior to disposal.

**NOTE:** For first-time use, laboratory-analyzed sample of neutralized solution should be submitted to your local authority to assure that your processed fluid waste meets their standards.

# CLEANING FLUID REFERENCE CHART

CLEANING PROBLEM	SUPER AGITENE™	REGULAR AGITENE™	AQUATENE 330	SUPER AQUATENE 360	SUPER AQUATENE 390	AQUATENE 571	BIOTENES®
Buffing and Lapping	●	●		●	●		
Carbon Deposits, soft			●	●	●	●	●
Coatings, light	●	●	●	●	●	●	●
Grease	●	●	●	●	●	●	●
Gummy Residues	●	●	●	●	●	●	●
Inks, water based				●			
Oils	●	●	●	●	●	●	●
Paint, latex				●	●	●	●
Paint, oil based	●	●			●		
Rust Preservatives	●	●	●	●	●	●	●
Varnishes, light	●	●	●	●	●	●	●
Varnishes, heavy				●	●	●	
Varnishes, burned-on				●	●	●	
Waxes			●	●	●	●	●
FOR USE IN	SUPER AGITENE™	REGULAR AGITENE™	AQUATENE 330	SUPER AQUATENE 360	SUPER AQUATENE 390	AQUATENE 571	BIOTENES®
Clean-O-Matic™	●	●					
Hani-Kleen™ (cold)	●	●					
PH922 (hot)			●	●		●	
Turbo Parts Cleaner (cold)	●	●					
Turbo Parts Cleaner (hot)			●	●	●	●	●
Lifkleen™ (cold)	●	●					
Lifkleen™ (hot)			●	●	●	●	●
Spray Washing Cabinet					●	●	
Tempest™					●	●	
Drum Mount (cold)	●	●					
Ultrasonic			●	●	●		●
BIO922							●

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