

3M™ Chemical Management Systems

Introducing the
3M™ Flow Control System



3M

The 3M™ Flow Control System

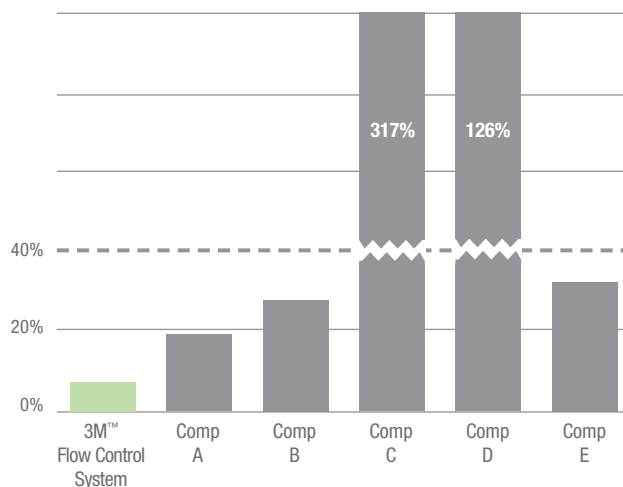
Accurate. Compact. Simple.

The battle against dirt and germs requires a strong defense. With the NEW 3M™ Flow Control System, 3M fits an entire cleaning brigade into one compact system.

It is the new next-gen chemical management system so compact and easy to use it takes the guesswork out of mixing solutions. With built-in flow control technology, this unit not only delivers cleaning solutions right into your container with, on average, 60% more accuracy,* it minimizes worker interaction with chemicals — promoting both efficiency and safety.

Whether it's a hospital, classroom, office building or retail space you're cleaning, this system delivers the right amount of chemicals to help you get the job done right — no more, no less.

Dispensing System Average % Dilution Error
(dispensers tested over a dynamic water pressure range of 20–120 psi)



3M™ Flow Control Wall Mount System

- 60% more accurate at diluting chemical concentrates, on average*
- 17% to 49% more compact** while holding up to four half-gallon concentrate bottles
- Easy-to-use dial-dispensing operation promotes worker safety and productivity
- 3-point locking system limits chemical exposure, helps prevent theft
- 17 different chemicals can be used in both wall mount and portable dispenser

* The 3M™ Flow Control System (FCS) is on average 60% more accurate at diluting chemical concentrates than the nearest competitive system when tested under laboratory conditions at water pressures ranging from 20 to 120 psi.


















































** The 3M™ Flow Control System is 17% to 49% smaller in cabinet volume than the four competitive four-bottle dispenser systems tested.





































3M™ Flow Control Portable Dispensing System

- Functional design built for durability and comfort
- 60% more accurate, on average*
- Increased flexibility, convenience and productivity
- Designed for use with half-gallon bottles of 3M™ concentrated cleaning chemical
- 17 different chemicals can be used in both wall mount and portable dispenser
- Reusable, portable dispensers and recyclable bottles



3M™ Cleaning Chemicals — Numbered and Color-Coded Labels for Easy Identification

3M Cleaner Concentrate		General	Restroom	Carpet	Hard Floor	Food Service	Ready-to-Use Gallons/ Bottle Twist 'n Fill (TNF) Flow Control System (FCS)	TNF Low Flow (Fill Bottles)	TNF High Flow (Fill Buckets)	Portable	Flow Control	Description
1	3M™ Glass Cleaner Concentrate 	•	•			•	TNF 30 gallons FCS 35 gallons					Green Seal™ GS-37 Certified non-streaking cleaner for windows, glass and mirrors and other mirrored surfaces.
2	3M™ Heavy Duty Multi-Surface Cleaner Concentrate	•		•		•	TNF 7 gallons FCS 7.25 gallons					Versatile cleaner removes most spots, stains and grease from washable surfaces. Use to remove marks from carpets, marble, aluminum, stainless steel and chrome.
3	3M™ Neutral Cleaner Concentrate 				•	•	TNF 207 gallons FCS 200 gallons					Green Seal™ GS-37 Certified no-rinse, low-foaming formula won't harm washable hard floors or leave soapy residue that can dull or soften floor finish. Use with mop or automatic scrubber. Fresh scent.
4	3M™ Bathroom Disinfectant Cleaner Concentrate		•				TNF 27 gallons FCS 26 gallons					EPA-registered disinfectant cleaner removes soap scum and scale from bathroom surfaces.
5	3M™ Quat Disinfectant Cleaner Concentrate	•	•		•		TNF 127 gallons					EPA-registered, quaternary disinfectant cleaner for use in hospitals. Kills HIV-1, MRSA, VRE, herpes simplex I and II, and other pathogens. Rinse-free, pleasant fragrance.
6	3M™ Speed Stripper Concentrate				•		TNF 8.2 gallons FCS 10 gallons					High-performance, five-minute stripper. Removes sealers and floor finish buildup and finishes hardened by frequent burnishing. No unpleasant odor.
7	3M™ Food Service Degreaser Concentrate					•	TNF 123 gallons FCS 149 gallons					Removes food and oily soils from hard surfaces such as walls, floors, tables and vinyl.
8	3M™ General Purpose Cleaner Concentrate 	•			•	•	TNF 35 gallons FCS 35 gallons					Green Seal™ GS-37 Certified high-performance, all-purpose cleaner. First choice for your everyday cleaning needs. Use on floors, walls and other nonporous surfaces.
11	Scotchgard™ Bonnet Cleaner Concentrate			•			TNF 26 gallons					Excellent cleaner for lightly soiled carpets. Helps maintain soil and stain-resistant properties of carpets treated with Scotchgard™ Protector. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets.
12	3M™ Deodorizer—Country Day Scent Concentrate	•	•				TNF 36 gallons					Long-lasting deodorizer leaves a light, floral scent.
13	3M™ Deodorizer—Fresh Scent Concentrate	•	•				TNF 30 gallons FCS 30 gallons					Long-lasting deodorizer leaves a fresh, clean scent.
14	3M™ Deodorizer—Mountain Spice Concentrate	•	•				TNF 36 gallons					Long-lasting deodorizer leaves a fragrant, spiced scent.
15	3M™ Non-Acid Disinfectant Bathroom Cleaner Concentrate		•				TNF 61 gallons FCS 61 gallons					Daily-use, EPA-registered, disinfectant bathroom cleaner for bowls, urinals, and other hard surfaces, including ceramic tile, plastic, stainless steel, fiberglass and marble.
16	3M™ Sanitizer Concentrate					•	TNF 135 gallons FCS 75 gallons					EPA-registered sanitizer for walls, floors and other hard, non-porous surfaces. Safe for sanitizing food contact surfaces.
17	3M™ Glass Cleaner and Protector 	•	•			•	TNF 42 gallons FCS 40 gallons					Green Seal™ GS-37 Certified glass cleaner and protector made with a streak-free, fast-drying formula. Scotchgard™ Technology makes glass cleaning faster and easier, and helps reduce fogging on windows and mirrors after repeated use, leaving glass with an attractive shine.
18	3M™ Phenolic Disinfecting and Cleaning Concentrate				•		TNF 60 gallons					EPA-registered, multipurpose, tuberculocidal disinfectant detergent cleaner for use in hospitals. Disinfects, cleans and deodorizes in one labor-saving step.
19	3M™ Non-Acid Bathroom Cleaner Concentrate		•				TNF 26 gallons					Daily-use bathroom cleaner for bowls, urinals and other hard surfaces. Excellent soap scum remover.
20	3M™ Heavy Duty Glass Cleaner Concentrate	•	•			•	TNF 12 gallons					Non-streaking, heavy-duty cleaner for windows, glass and mirrors and other mirrored surfaces.

3M Cleaner Concentrate		General	Restroom	Carpet	Hard Floor	Food Service	Ready-to-Use Gallons/ Bottle Twist 'n Fill (TNF) Flow Control System (FCS)	TNF Low Flow (Fill Bottles)	TNF High Flow (Fill Buckets)	Portable	Flow Control	Description
21	3M™ Troubleshooter™ Finish Remover Concentrate				●		TNF 2.8 gallons					Removes floor-finish buildup from baseboards. Low-odor, fast-working, thick solution clings to vertical surfaces. Aggressively penetrates and loosens floor finish buildup. Does not contain butyl cellosolve.
22	3M™ Floor Stripper LO Concentrate				●		TNF 11 gallons FCS 11 gallons					Low-odor, low-foaming, five-minute stripper for sealers, floor-finish buildup and finishes hardened by frequent burnishing.
23	3M™ Neutral Quat Disinfectant Cleaner Concentrate	●	●		●		TNF 120 gallons					For use in hospitals. EPA-registered disinfectant cleaner kills HBV, HIV-1, MRSA, VRE, herpes simplex I and II, and other pathogens. Rinse-free, low-foaming, neutral pH formula.
24	3M™ 3-in-1 Floor Cleaner Concentrate 				●		TNF 137 gallons FCS 132 gallons					Green Seal™ GS-37 Certified versatile, low-foaming cleaner for use in automatic scrubbers or in mop-on applications. Formulated for scrubbing before recoating as well as cleaning before burnishing and daily cleaning.
25	3M™ HB Quat Disinfectant Cleaner Concentrate	●	●		●		TNF 180 gallons FCS 155 gallons					Rinse-free, EPA-registered disinfectant for disinfecting and cleaning noncritical items. For use in hospitals. Kills hepatitis B virus (HBV), HIV, MRSA, VRE, herpes simplex I and II, and other pathogens.
26	3M™ Industrial Degreaser Cleaner Concentrate	●			●		TNF 74 gallons FCS 76 gallons					Removes petroleum-based grease and oil, animal fats, food soils and heavy dirt buildup. Can be used in industrial plants, transportation and auto facilities, schools, hospitals, and other facilities to clean a variety of surfaces.
27	Scotchgard™ Extraction Cleaner Concentrate 			●			TNF 53 gallons					Powerful, low-foaming cleaner. Use to clean colorfast carpet with portable extraction machines. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets.
28	Scotchgard™ Pretreatment Cleaner Concentrate 			●			TNF 24 gallons					Hard-working cleaner for heavily soiled areas of colorfast carpet. Use as a pre-spray prior to extraction or shampooing to loosen soils and stains.
33	3M™ Neutral Cleaner LO Concentrate 				●	●	TNF 207 gallons					Green Seal™ GS-37 Certified and specially formulated for effective cleaning with minimal residue. Low odor.
34	3M™ Peroxide Cleaner Concentrate 	●	●	●	●		TNF 53 gallons FCS 50 gallons					Green Seal™ GS-37 Certified versatile, daily-use cleaner. No residue left behind. Effervescing action cleans carpet and nonporous surfaces such as floors, walls, tables, chairs, countertops, bathroom fixtures, sinks, bed frames, doors, shelves, tile, grout and more. Low odor.***
40	3M™ Disinfectant Cleaner RCT Concentrate	●	●	●	●		TNF 123 gallons FCS 116 gallons					EPA-registered, quaternary disinfectant cleaner for use in hospitals. Kills HIV-1, HBV, MRSA, VRE, KPC, Acinetobacter and other pathogens in 3 minutes. Rinse-free, fragrance-free and dye-free.
44	3M™ Bathroom Cleaner Concentrate 		●				TNF 27 gallons					Green Seal™ GS-37 Certified, removes soap scum and scale from bathroom surfaces.
51	3M™ Bathroom & Shower Cleaner Concentrate		●				TNF 12 gallons					For daily cleaning of surfaces such as ceramic tile, stainless steel, fixtures, floors and more. Can be used on shower walls, floors and fixtures.
52	3M™ Tile, Grout & Bowl Cleaner Concentrate		●				2NF 2.6 gallons					For periodic cleaning. Penetrates and loosens buildup quickly and thoroughly. Effectively removes both hard-water scale and soap scum.



The Carpet and Rug Institute (CRI) Seal of Approval addresses cleaning effectiveness by testing and certifying only those products that meet high performance standards.



** This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging, and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

Product No. 8, 34: Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems.

Products No. 24, 44: Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems.

*** This bottle contains a use dilution of a product that, when dispensed through the 3M Twist-n-Fill system, meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging, and protective limits on: VOCs and human & environmental toxicity. Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.

3M™ Twist 'n Fill Cleaning Chemical Management System

This system features a single dispenser designed to accurately dilute and dispense a wide range of cleaning solutions. Pick and choose only the chemicals you need for your cleaning task — and dispense them all through the same dispenser. Mounts on a wall or, for portability, on carts or cleaning equipment. With mixing that's simpler and less wasteful, your cleaning chemicals are consistent every time.

- Dispense all chemicals with one dispenser
- Unique bottle and cap design lets you interchange chemicals in seconds
- Very compact — fits in most closets
- Easy to use — just insert bottle, twist and fill
- Integral air gap prevents chemical backflow



3M™ Chemical Management System Accessories



- 32-ounce silk-screened bottles with trigger sprayers or flip-top caps
- Versatile storage racks for concentrate bottles and ready-to-use sprayers; available in standard and lockable styles
- Easy-to-understand wall charts help employees choose the right chemical for each job
- Dispenser mounts easily to most wall surfaces with pressure-sensitive, adhesive-backed installation kit (3M™ Twist 'n Fill only)
- Spray/foam applicator hose allows chemical concentrate to be diluted and sprayed and/or foamed onto surfaces (Flow Control System Portable Dispenser only)
- Optional 12-foot hose available for use with various equipment options, such as an auto scrubber (Flow Control System Wall Mount only)
- Optional 8-foot hose available for use with various equipment options (3M Twist 'n Fill only)

All details concerning product specifications and terms of sale are available from 3M.

A Greener Way to Clean

Smart cleaning choices.

Keeping our world clean and safe starts with chemical management systems such as the new 3M™ Flow Control Wall Mount and Portable Dispensing units. Designed to help improve dilution accuracy, these systems are part of 3M's efforts to provide cost-effective cleaning solutions that help protect facilities and people — while creating clean, safe and comfortable environments.

The Portable Dispensing System is not only lightweight, it's reusable for reduced environmental impact. Many 3M™ Cleaner Concentrates are Green Seal™ Certified — featuring high concentration to maximize value and reduced packaging to minimize waste. They're designed to be used with cold water instead of hot, helping to decrease energy use and prevent scalding.



**The Green Seal means our Cleaner Concentrates have been manufactured to strict environmental standards, taking the guesswork out of choosing a product that is environmentally preferable.

By combining powerful, efficient cleaning with thoughtful environmental practices, 3M is passionately committed to providing you with smart choices in clean — and green. For more information about Green Seal, visit GreenSeal.org.

Ordering Information

Product Description	3M™ Twist 'n Fill™ Gray Cap*	3M™ Twist 'n Fill™ Black Cap*	3M™ Flow Control System
#1 Glass Cleaner	500-48011-23357-9	500-48011-23915-1	500-51125-85843-9
#2 HD Multi-Surface	500-48011-19202-9	500-48011-23901-4	500-51125-85827-9
#3 Neutral Cleaner	500-48011-20200-1 (H)	500-48011-23902-1 (H)	500-51125-85789-0
#3 Neutral Cleaner	500-48011-59167-9 (L)	500-48011-59168-6 (L)	n/a
#4 Bathroom Disinfectant	500-48011-19204-3	500-48011-23903-8	500-51125-85806-4
#5 Quat Disinfectant	500-48011-23219-0 (H)	500-48011-23904-5 (H)	n/a
#5 Quat Disinfectant	500-48011-23218-3 (L)	500-48011-23884-0 (L)	n/a
#6 Speed Stripper	500-48011-19208-1	500-48011-23905-2	500-51125-85872-9
#7 Food Degreaser	500-48011-23346-3 (H)	500-48011-23907-6 (H)	500-51125-85828-6
#7 Food Degreaser	500-48011-23347-0 (L)	500-48011-23906-9 (L)	n/a
#8 Gen'l Purpose Cleaner	500-48011-19212-8 (H)	500-48011-23891-8 (H)	500-51125-85871-2
#8 Gen'l Purpose Cleaner	500-48011-19211-1 (L)	500-48011-23908-3 (L)	n/a
#11 Bonnet Cleaner	500-48011-25981-4	500-48011-25982-1	n/a
#12 Country Day Deod	500-48011-20119-6	500-48011-23895-6	n/a
#13 Fresh Scent Deod	500-48011-20121-9	500-48011-23896-3	500-51125-85829-3
#14 Mountain Spice Deod	500-48011-20120-2	n/a	n/a
#15 Non-Acid Disinf Bath	500-48011-20787-7	500-48011-23898-7	500-51125-85830-9
#16 Sanitizer	500-48011-20112-7	500-48011-34658-3	500-51125-85831-6
#17 Glass Protector	500-48011-59980-4	500-48011-59981-1	500-51125-85790-6
#18 Phenolic Disinf	500-48011-59756-5 (H)	n/a	n/a
#18 Phenolic Disinf	500-48011-59755-8 (L)	n/a	n/a
#19 Non-Acid Bath Cleaner	500-48011-23207-7	n/a	n/a
#20 HD Glass Cleaner	500-48011-23360-9	500-48011-59797-8	n/a
#21 TroubleShooter™	500-48011-23358-6	n/a	n/a
#22 Floor Stripper LO	500-48011-23555-9	500-48011-23889-5	500-51125-85833-0
#23 Neutral Quat Disinf	500-48011-23552-8 (H)	500-48011-23890-1 (H)	n/a
#23 Neutral Quat Disinf	500-48011-26057-5 (L)	500-48011-26056-8 (L)	n/a
#24 3-in-1 Floor Cleaner	500-48011-23553-5	500-48011-23914-4	500-51125-85834-7
#25 HB Quat Disinfectant	500-48011-23550-4 (H)	500-48011-23581-8 (H)	500-51125-85791-3
#25 HB Quat Disinfectant	500-48011-23551-1 (L)	500-48011-23582-5 (L)	n/a
#26 Industrial Degreaser	500-48011-29664-2 (H)	500-48011-29678-9 (H)	500-51125-85835-4
#26 Industrial Degreaser	500-48011-29665-9 (L)	500-48011-29677-2 (L)	n/a
#27 Extraction Cleaner	500-48011-34857-0	500-48011-34867-9	n/a
#28 Pretreatment Cleaner	500-48011-34858-7	500-48011-34859-4	n/a
#33 Neutral Cleaner LO	500-48011-59169-3	n/a	n/a
#34 Peroxide Cleaner	500-48011-59288-1 (H)	500-48011-59782-4 (H)	500-51125-85792-0
#34 Peroxide Cleaner	500-48011-59749-7 (L)	500-48011-59779-4 (L)	n/a
#40 Disinfectant RCT	500-51125-85783-8	500-51125-85784-5	500-51125-85837-8
#44 Bathroom Cleaner	500-48011-59164-8	500-48011-59165-5	n/a
#51 Bath Shower Cleaner	500-48011-26321-7	500-48011-26320-0	n/a
#52 Tile, Grout and Bowl	500-48011-26323-1	500-48011-26326-2	n/a

* (H) signifies TrF High-Flow Bottle; (L) signifies TrF Low-Flow Bottle

For more information, or to place an order:

Call your local 3M distributor. For the name of a distributor near you, call 1-800-852-9722.



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