Complicated cleaning made simple.

Take the guesswork out of mixing, dispensing and using chemicals with safe, accurate 3M chemical management solutions.
Leading and differentiating with accuracy.

Chemical accuracy and overall sustainability go hand in hand. With an accurate chemical control system, facility managers can maximize product usage, budget, safety and surface longevity. 3M™ Chemical Management Solutions control the flow of water by adjusting to changing water pressures, providing an accurate ready-to-use (RTU) solution.

Consequences of inaccuracy:
- Over and under budgeting due to inconsistent chemical dispensing
- Increased labor to counter performance issues of incorrectly mixed concentrates
- Harmful exposure to under-diluted chemicals
- Decreased efficacy of over-diluted chemicals
- Surface degradation caused by overly acidic or basic chemical mixes

3M has the lowest dilution error of six leading competitive systems.

Dispensers tested over a dynamic water pressure range of 20–120 psi.

<table>
<thead>
<tr>
<th>Consequence</th>
<th>3M™ Flow Control System</th>
<th>Competitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over-Dilution (too much water)</td>
<td><img src="image1" alt="3M™ Flow Control System" /></td>
<td><img src="image2" alt="Competitor" /></td>
</tr>
<tr>
<td>Ineffective disinfectant</td>
<td>Decreased efficacy of over-diluted chemicals</td>
<td>Potential for harmful exposure and worker safety hazards</td>
</tr>
<tr>
<td></td>
<td>Potential HAI and outbreak risk</td>
<td>Surface degradation caused by overly acidic or basic chemical mixes, increasing replacement costs</td>
</tr>
<tr>
<td></td>
<td>Higher potential for increased infection/absentee rates</td>
<td>Non-compliance with EPA label</td>
</tr>
<tr>
<td></td>
<td>Non-compliance with EPA label</td>
<td></td>
</tr>
<tr>
<td>Under-Dilution (too much chemical)</td>
<td><img src="image3" alt="3M™ Flow Control System" /></td>
<td><img src="image4" alt="Competitor" /></td>
</tr>
<tr>
<td>Increased exposure and costs</td>
<td>Over budgeting/increased cost due to inconsistent chemical dispensing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Potential for harmful exposure and worker safety hazards</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Surface degradation caused by overly acidic or basic chemical mixes, increasing replacement costs</td>
<td></td>
</tr>
<tr>
<td>Excess residue</td>
<td>Higher frequency of sticky floors/surfaces</td>
<td>Re-cleaning of surfaces</td>
</tr>
<tr>
<td></td>
<td>Re-cleaning of surfaces</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional labor/effort, increasing labor and product costs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tampering and safety risks</td>
<td></td>
</tr>
</tbody>
</table>

73% less variation in volume dispensed
57% less variation in dilution accuracy
Another important result of accurate chemical use is the environmental advantage it can bring to your facility. The correct combination of chemical concentrate and water prevent excess depletion of expensive disinfectants and eliminates product waste. Additionally, an accurate mixture will dispense exactly the right amount of water thus reducing water usage for the facility.

Improved dilution accuracy reduces waste and minimizes chemical use.

As many as seven 3M™ Cleaning Concentrates are Green Seal™ Certified, and all are concentrated to maximize value and cut packaging waste.

Many 3M™ Cleaning Concentrates are packaged in bottles made with 25% post-consumer recycled content.

Using 3M™ Chemical Management Solutions can help contribute to LEED certification.
4M™ Flow Control Wall Mount System.

Featuring unique flow control technology, the 4M™ Flow Control Wall Mount System delivers accurate cleaning solutions directly into your containers, minimizing worker interaction with chemicals.

So whether you’re cleaning a hospital, classroom, office building or retail space, you know you’re getting the right amount of chemicals to do the job right.

- At least 55% more accurate dilution
- 17–49% more compact, while holding up to four half-gallon bottles
- Simple dispensing dial improves safety and productivity
- 3-point locking system limits chemical exposure and helps prevent theft
- Compatible with 25 different 4M™ Cleaning Concentrates
- 3M Flow Control concentrate bottles are made with 25% post-consumer recycled content and are BPA-free
- Compact size measurements: 12.25”w x 22.5”h x 6.3”d

The 3M™ Flow Control Portable Dispensing System.

Reusable, portable dispensers are designed for durability, comfort and the same accuracy as the wall dispenser.

- Improved flexibility, convenience and staff productivity
- Designed for half-gallon bottles of 3M Cleaning Concentrates
- Foaming adapter sold separately

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For context, the American Hospital directory lists 4,000 hospitals in the US with a total of 810,000 beds. An average healthcare facility in highly populated states with a large number of hospitals (e.g. NY and MA) has 250–350 beds; the largest hospitals in these states have 1,000–2,500 beds. These estimates are based on sales data for three cleaning solution products at three hospital facilities, averaged to represent a 500-bed facility. [ahd.com/state_statistics.html](https://ahd.com/state_statistics.html)
A simple twist mixes any chemical you need.

3M™ Twist ’n Fill™ Chemical Management System.


• Fits almost any cleaning closet
• One dispenser mixes over 30 chemicals
• Change out chemicals in seconds
• Air gap prevents backflow

With two flow rates, 3M™ Twist ’n Fill™ Chemical Management System can easily dilute solutions for mop bucket and spray bottles.

3M™ Twist ’n Fill™ Chemical Management System Reduction

<table>
<thead>
<tr>
<th></th>
<th>Low End</th>
<th>High End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated lbs/year reduced into drain</td>
<td>36%</td>
<td>96%</td>
</tr>
<tr>
<td>Quats</td>
<td>172</td>
<td>460</td>
</tr>
<tr>
<td>Detergents</td>
<td>130</td>
<td>345</td>
</tr>
<tr>
<td>TOTAL estimated reduction of disinfectant/detergent substances</td>
<td>302</td>
<td>806</td>
</tr>
</tbody>
</table>

For context, the American Hospital directory lists 4,000 hospitals in the US with a total of 810,000 beds. An average healthcare facility in highly populated states with a large number of hospitals (e.g., NY and MA) has 250–350 beds; the largest hospitals in these states have 1,000–2,500 beds. These estimates are based on sales data for three cleaning solution products at three hospital facilities, averaged to represent a 500-bed facility. ahd.com/state_statistics.html

Download the 3M™ COSMO App

The 3M Commercial Solutions MOBILE (COSMO) app gives you instant access to 3M Commercial Solutions product information.

☐ Quickly access and view 3M products and how-to videos
☐ Download and save content to your device in custom folders so you can view it later without internet access
☐ Easily share multiple pieces of literature and/or videos to numerous email addresses at one time

Get your customized wall chart.

Help your staff determine what chemicals to use. Choose from set templates and customize the information for your specific facility or we can also help you create a completely custom wall chart for your team. For details, visit 3M.com/facility
**General Areas**

Most washable surfaces, including windows, glass, mirrors, carpets, floors and walls.

**Restroom Areas**

Bathroom mirrors, tile, bowls, urinals and fixtures.

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**3M™ Cleaning Concentrates. A concentrated solution for almost any cleaning challenge.**

1. **3M™ Glass Cleaner Concentrate**
   - Non-streaking. For windows, glass and other mirrored surfaces. RTU color: light blue/purple. TNF 30; FCS 35 gallons.

2. **3M™ Heavy Duty Multi-Surface Mark Remover Concentrate**
   - Removes most spots, stains and grease from washable surfaces. RTU color: Light purple. TNF 7; FCS 7.25 gallons.

3. **3M™ Neutral Cleaner Concentrate**
   - No-rinse, low-foaming formula. Use with mop or automatic scrubber. Fresh scent. RTU color: Light green/yellow. TNF 207; FCS 172 gallons.

4. **3M™ Bathroom Disinfectant Cleaner Concentrate**
   - EPA-registered disinfectant cleaner removes soap scum and scale from bathroom surfaces. RTU color: Light forest green. TNF 27; FCS 26 gallons

5. **3M™ Quat Disinfectant Cleaner Concentrate**
   - EPA-registered, for use in hospitals. Kills HIV-1, MRSA, VRE, herpes simplex I and II and other pathogens. Rinse-free, pleasant fragrance. RTU color: Light green. TNF 127; FCS 107 gallons.

6. **3M™ Speed Stripper Concentrate**
   - Five-minute stripper. Removes sealers and floor finish buildup and finishes hardened by frequent burnishing. No unpleasant odor. RTU color: Light blue. TNF 8.2; FCS 10 gallons.

7. **3M™ Food Service Degreaser Concentrate**
   - Removes food and oily soils from hard surfaces such as walls, floors, tables and vinyl. RTU color: Light yellow. TNF 123; FCS 149 gallons.

8. **3M™ General Purpose Cleaner Concentrate**
   - All-purpose, everyday cleaner. Use on floors, walls and other nonporous surfaces. RTU color: Light pink. TNF 35; FCS 35 gallons.

9. **Scotchgard™ Bonnet Cleaner Concentrate**
   - For lightly soiled carpets. Helps maintain properties of carpets treated with Scotchgard™ Protector. Neutral pH is safe for cleaning nylon stain-resistant carpets. RTU color: Clear. TNF 26 gallons.

10. **3M™ Deodorizer — Country Day Scent Concentrate**
    - Long-lasting deodorizer leaves a light, floral scent. RTU color: Pink. TNF 36 gallons.

11. **3M™ Deodorizer — Fresh Scent Concentrate**
    - Long-lasting deodorizer leaves a fresh, clean scent. RTU color: Blue. TNF 30; FCS 30 gallons.

12. **3M™ Deodorizer — Mountain Spice Concentrate**
    - Long-lasting deodorizer leaves a fragrant, spiced scent. RTU color: Yellow-green. TNF 36 gallons.

13. **3M™ Deodorizer — Fresh Scent Concentrate**
    - Long-lasting deodorizer leaves a fresh, clean scent. RTU color: Pink. TNF 36 gallons.

14. **3M™ Deodorizer — Country Day Scent Concentrate**
    - Long-lasting deodorizer leaves a light, floral scent. RTU color: Pink. TNF 36 gallons.

15. **3M™ Non-Acid Disinfectant Bathroom Cleaner Concentrate**
    - Daily-use, EPA-registered for bowls, urinals and other hard surfaces. RTU color: Clear to light green. TNF 61; FCS 61 gallons.

16. **3M™ Sanitizer Concentrate**
    - EPA-registered sanitizer for walls, floors and other hard, non-porous surfaces. Safe for sanitizing food contact surfaces. RTU color: Red. TNF 74; FCS 76 gallons.

17. **3M™ Glass Cleaner and Protector**
    - Scotchgard™ Technology helps reduce fogging on windows and mirrors after repeated use. RTU color: Blue. TNF 42; FCS 40 gallons

18. **3M™ Heavy Duty Glass Cleaner Concentrate**
    - Non-streaking. For windows, glass and mirrors and other mirrored surfaces. RTU color: Light blue/purple. TNF 15 gallons.

19. **3M™ Non-Acid Bathroom Cleaner Concentrate**
    - Daily-use. For bowls, urinals and other hard surfaces and soap scum. RTU color: Light green. TNF 26 gallons.

20. **3M™ Floor Stripper LO Concentrate**
    - Low-odor, low-foaming, five-minute stripper for sealers, floor-finish buildup and finishes hardened by frequent burnishing. RTU color: Light blue/purple. TNF 12 gallons.
**Carpet Areas**

Prespray and extraction cleaning for colorfast and nylon stain-resistant carpets.

**Hard Floor Maintenance**

Cleaning and stripping for hard floors.

**Food Service Area**

Cleaning and degreasing walls, floors, tables, carpets and seating.
Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Product Selection and Use: 1. The 3M Flow Control System (FCS) is 55% more accurate on average at diluting chemical concentrates than the nearest competitive system when used under laboratory conditions at water pressures ranging from 20 to 120 psi. 2. The 3M Flow Control System is 17–49% smaller in cabinet size volume than the four competitive four-bottle dispenser systems tested.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M’s option, replacement of the 3M product or refund of the purchase price. Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.