



# PRODUCT USE MANUAL

IT'S NOT  
CLEAN  
UNLESS  
YOU  
WIPE IT  
ALL AWAY

## WHY HYGEN?

The Rubbermaid Commercial Products® (RCP) HYGEN Microfiber System is the cleaning solution designed to deliver a higher level of clean to stop the chain of infection. Maintain healthy, safe environments with the RCP HYGEN Microfiber System and by following the recommended cleaning procedures included in this guide.



### OPTIMAL CLEANING EFFICACY

Ideal for cleaning and known for its innate ability to remove bacteria and microorganisms from surfaces.

### INDUSTRY-LEADING DURABILITY

High-quality microfiber construction is made to last through hundreds of commercial launderings, saving on replacement costs.

### SUPERIOR PRODUCTIVITY

Combine multiple steps with cleaning tools that have been proven to decrease task time and reduce user effort.

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RCP HYGEN Microfiber System is the most comprehensive cleaning solution.

# COLOR-CODED CLEANING

Reduces the risk of cross-transmission between cleaning areas to deliver superior results. Color-coding identifies the right product for the task to ensure proper cleaning procedures are followed.

**RECOMMENDED USE:**

RCP HYGEN guidelines for color-coded cleaning are based on industry guidelines.\*

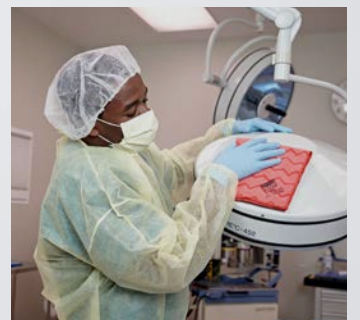
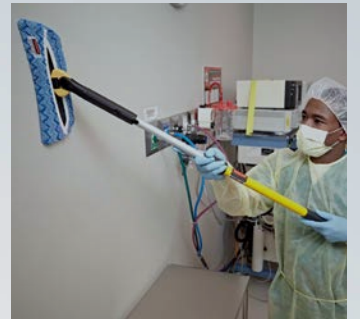
	<b>BATHROOMS</b>	
	<b>HIGH-RISK AREAS AND PATIENT/OPERATING ROOM BEDS</b>	
	<b>SPECIALTY AREAS</b>	
	<b>GENERAL PURPOSE</b>	
	<b>GLASS AND POLISHED SURFACES</b>	

\*Recommended use can vary by vertical and application. Follow all established safety procedures.

# COMPLETE SYSTEM

RCP HYGEN Microfiber System is designed for use with the High Security Cleaning Cart to increase efficiency and ensure cleaning best practices are followed.

Superior microfiber textiles deliver cleaning efficacy and durable, ergonomic tools and equipment maximize productivity.



## TOOLS



**QUICK-CONNECT ADJUSTABLE HANDLES**



**QUICK-CONNECT FRAMES**



**MICROFIBER FRINGED DUST MOPS**



**MICROFIBER DRY ROOM MOPS**



**MICROFIBER WET MOPS**

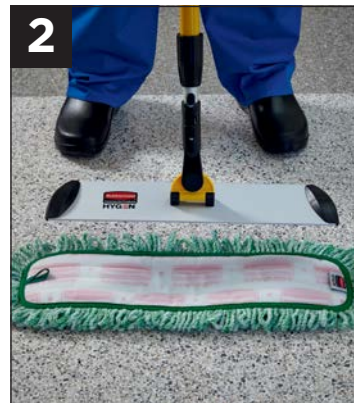
## NOTES

- Don all appropriate Personal Protective Equipment (PPE): glasses, gloves, etc.
- Always dust mop prior to wet mopping to reduce floor hazing.
- Follow all established safety procedures.



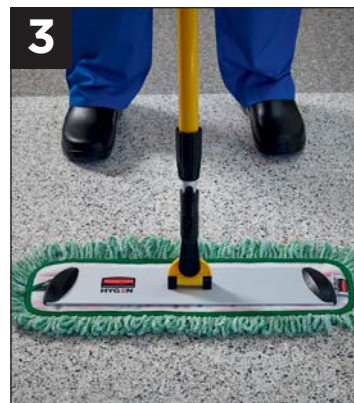
**1**

**CONNECT**  
the Quick-Connect Adjustable Handle to the Quick-Connect Frame by clicking into place.



**2**

**PLACE**  
clean wet mop or dust mop on floor with logo-imprinted backing facing upward.



**3**

**ATTACH**  
the Quick-Connect Handle to the Quick-Connect Frame by clicking into place.



**4**

**ADJUST**  
handle length by loosening the black locking ring and extending or collapsing the handle.



**5**

**ALIGN**  
the tip of the handle with chin for ideal length. Tighten locking ring before use.

## USER PREFERENCE



**6A**

**FIGURE 8 CLEANING**  
Clean floor using Figure 8 strokes. For most cleaning, work with the handle pointed upward for ideal positioning.



**6B**

**PUSH-AND-PULL CLEANING**  
Point the handle downward.

## USER PREFERENCE



**7A**

**TO REMOVE**  
a mop from the Quick-Connect Frame, grasp the fabric loop and peel the mop away.



**7B**

**OR TO REMOVE**  
a mop, step on an exposed edge of the mop, and with the other foot on the opposite edge of the Quick-Connect Frame, lift the handle, peeling the mop away.

## TOOLS

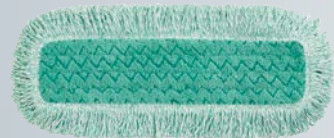


48" - 72" QUICK-CONNECT STRAIGHT EXTENSION HANDLE

48" - 72" QUICK-CONNECT ERGO EXTENSION HANDLE



18" QUICK-CONNECT FRAME



18" MICROFIBER FRINGED DUST MOP

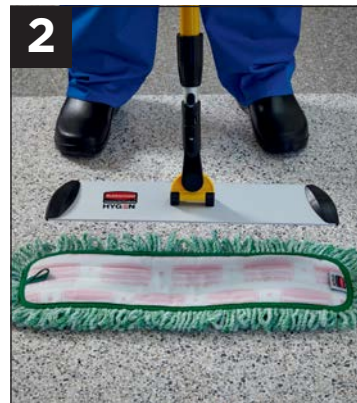
## NOTES

- Don all appropriate Personal Protective Equipment (PPE): glasses, gloves, etc.
- Dust mop each room with a clean mop to help prevent cross-transmission.
- Dust mopping helps reduce floor hazing.
- Follow all established safety procedures.



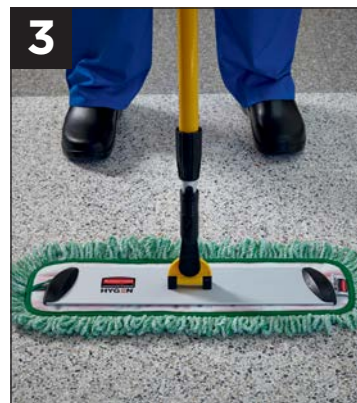
1

**REMOVE**  
large debris from floor, clean any wet spots, and affix the Quick-Connect Handle to the 18" Quick-Connect Frame by clicking into place.



2

**PLACE**  
a clean dust mop on floor with logo-imprinted backing facing upward.



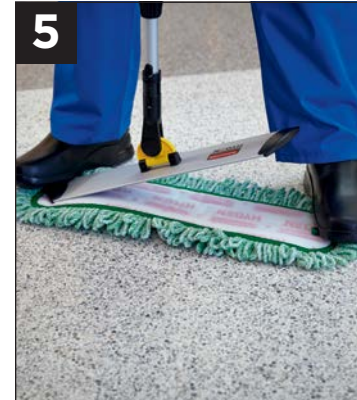
3

**ATTACH**  
the Quick-Connect Handle to the Quick-Connect Frame by clicking into place.



4

**BEGIN**  
dust mopping at the far corner of the room, using overlapping Figure 8 strokes, while moving backward toward the doorway.



5

**STEP-ON METHOD**  
To remove the mop from the frame, step on an exposed edge of the mop, and with the other foot on the opposite edge of the Quick-Connect Frame, lift the handle, peeling the mop away.



6

**POSITION**  
the Quick-Connect Frame crosswise to the mop, engage the hook-and-loop strips and lift.



7

**DEPOSIT**  
soiled mop into the mesh laundry net, using the handle and frame.



8

**REPEAT**  
steps 2 through 7 to correctly dust mop each room.

## TOOLS



48" - 72" QUICK-CONNECT STRAIGHT EXTENSION HANDLE

48" - 72" QUICK-CONNECT ERGO EXTENSION HANDLE



18" - 60" QUICK-CONNECT FRAMES



18" - 60" MICROFIBER FRINGED DUST MOPS

## NOTES

- Don all appropriate Personal Protective Equipment (PPE): glasses, gloves, etc.
- HYGEN Microfiber Dust Mops trap and lock dust and dirt away with more surface contact, thoroughly dusting floors.
- Follow all established safety procedures.



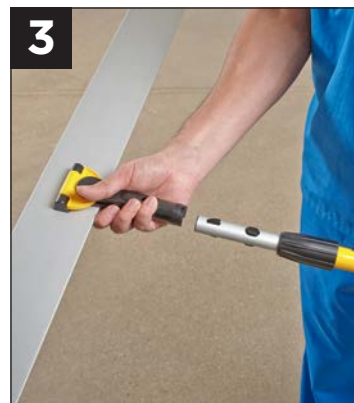
1

**REMOVE**  
large debris from floor and make certain any wet spots are dried before dusting with microfiber mops, as the dense microfiber fibers are very absorbent and will "stick" to wet spots, making the mop difficult to push.



2

**SELECT**  
a mop size that will complete the job in the least number of passes.  
**NOTE:** If a hallway is 60" wide, a 36" mop will clean it in two passes; however a 24" mop will require three passes, taking more time to clean the space.



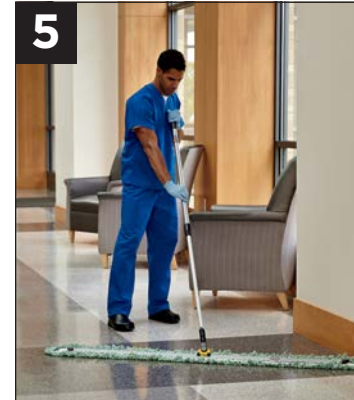
3

**ATTACH**  
the Quick-Connect Handle to the Quick-Connect Frame by clicking into place.



4

**PLACE**  
a clean microfiber fringed dust mop on the floor with the logo-imprinted side facing up and press the Quick-Connect Frame onto the mop to attach.



5

**BEGIN**  
at the end of the hallway or the far corner of the room, dust mopping the floor by pushing the mop on the floor, along the base of the wall.



6

**WORK**  
your way across the room using overlapping mopping paths.



7

**REMOVE**  
dust mop from the Quick-Connect frame, grasping the mop by the fabric loop and peeling away.



8

**DEPOSIT**  
soiled mop into the mesh laundry net.

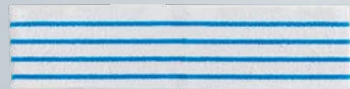
## TOOLS



**CHARGING BUCKET PLUS CLEANING SOLUTION OF CHOICE**



**18" DURABLE MICROFIBER WET MOP**



**18" DISPOSABLE MICROFIBER MOP**

## NOTES

- Don all appropriate Personal Protective Equipment (PPE): glasses, gloves, etc.
- Each Charging Bucket holds up to 20 durable wet mops or 50 disposable mops.
- Do not overfill.
- Follow all established safety procedures.

	Total # of Mop Pads	Metric				US			
		Mop Pads Step 2a	Solution Step 2b	Mop Pads Step 3a	Solution Step 3b	Mop Pads Step 2a	Solution Step 2b	Mop Pads Step 3a	Solution Step 3b
		Mop Pads	Liters	Mop Pads	Liters	Mop Pads	Quart	Mop Pads	Quart
<b>DURABLE MICROFIBER MOP PADS</b>	10	10	1.9	-	-	10	2	-	-
	15	10	1.0	5	1.8	10	1	5	2
	20	10	1.0	10	2.8	10	1	10	3
<b>DISPOSABLE MICROFIBER MOP PADS</b>	10	10	0.5	-	-	10	0.5	-	-
	25	15	0.5	10	0.8	15	0.5	10	0.8
	50	30	1.0	20	1.5	30	1.0	20	1.7

\*HYGEN Charging Bucket can hold a maximum of 20 Durable or 50 Disposable Rubbermaid Commercial Products Microfiber Mop Pads.

**1**

**OPEN** lid by lifting the front tab.

**2A**

**PLACE** first stack of mop pads into the Charging Bucket with the logo-imprinted side of the mop pads facing upward.

**2B**

**ADD** first measurement of the water and/or cleaning solution to the Charging Bucket, pouring on top of the mop pads and moving back and forth to achieve even saturation.

**3A**

**PLACE** the remaining mop pads in the Charging Bucket making sure that the logo-imprinted sides of the mop pads are facing upward.

**3B**

**ADD** the rest of the water and/or cleaning solution to the Charging Bucket, pouring on top of the mop pads and moving back and forth.

**4**

**SECURE** lid to the Charging Bucket by snapping the front tab into place.

**5**

**OPEN** lid by lifting the front tab.

**6**

**ATTACH** mop pad by aligning the Quick-Connect frame with the center of a mop pad and press down firmly until the mop pad attaches to the frame. Ensure the frame is fully engaged before lifting.



## TOOLS



QUICK-CONNECT  
ADJUSTABLE  
HANDLES



18" QUICK-CONNECT  
FRAME



18" DURABLE  
MICROFIBER  
WET MOP



CHARGING BUCKET  
PLUS CLEANING  
SOLUTION OF CHOICE



STABLE  
SAFETY  
SIGN

## NOTES

- Don all appropriate Personal Protective Equipment (PPE): glasses, gloves, etc.
- Dust mop before wet mopping for optimal infection prevention and floor maintenance.
- The Charging Bucket is safe for use with all types of floor cleaning chemicals, including bleach, hydrogen peroxide, and d-Limonene based solutions.
- Properly charged mops hold enough solution to clean a standard-sized room - approximately 250 square feet. Use a clean wet mop for each room to help prevent cross-contamination.
- Follow all established safety procedures.



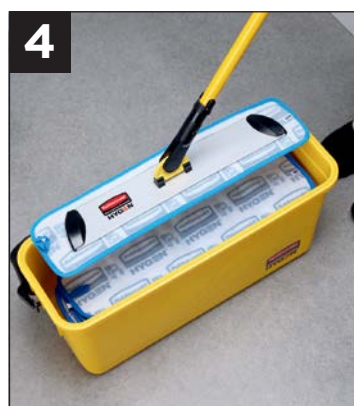
**1**  
**PLACE**  
Stable Safety Sign at  
the entrance to the room  
being cleaned.



**2**  
**AFFIX**  
Quick-Connect Handle to the  
18" Quick-Connect Frame.



**3**  
**OPEN**  
the Charging Bucket.



**4**  
**CENTER**  
Quick-Connect Frame over  
the Charging Bucket and  
push down to attach the  
mop via hook-and-loop  
connection. Close the lid.



**5**  
**BEGIN**  
at the far corner of the  
room, mopping the floor  
using overlapping Figure  
8 strokes, while moving  
backward toward the  
doorway. Remember to  
clean beneath beds and  
furniture.



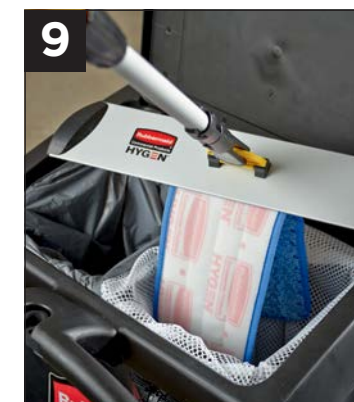
**6**  
**REMOVE**  
soiled mop by placing one  
foot on an exposed edge of  
the mop and the other foot  
on the end of the Quick-  
Connect Frame.



**7**  
**PULL**  
the handle upward and the  
mop will peel away from the  
Quick-Connect Frame.  
**NOTE:** The soiled mop should  
be removed from the frame  
when finished mopping or  
when mop is dry.



**8**  
**LIFT**  
the soiled mop, using  
the Quick-Connect Frame,  
positioned at a 90° angle  
to the mop.



**9**  
**PULL**  
the soiled mop from the  
frame and drop into the  
mesh laundry net.



# TOOLS



**RUBBERMAID PULSE™ MOPPING KIT WITH SINGLE-SIDED FRAME**



**18" DURABLE MICROFIBER WET MOP**  
**18" MICROFIBER SCRUBBER MOP**  
**18" MICROFIBER HIGH ABSORBENCY MOP**



**RUBBERMAID PULSE™ CADDY**



**STABLE SAFETY SIGN**



**HIGH SECURITY CLEANING CART**

# NOTES

- Don all appropriate Personal Protective Equipment (PPE): glasses, gloves, etc.
- Dust mop before wet mopping for optimal infection prevention and floor maintenance.
- Use High Absorbency Mop to clean larger areas. Replace the pad every time the Rubbermaid PULSE needs to be refilled.
- Use the Scrubber Mop on tile or stone floors.
- Follow all established safety procedures.



**1**  
**FILL**  
Rubbermaid PULSE Caddy with cleaning solution.



**2**  
**PLACE**  
Rubbermaid PULSE Caddy in the Rubbermaid® High Security Cleaning Cart.



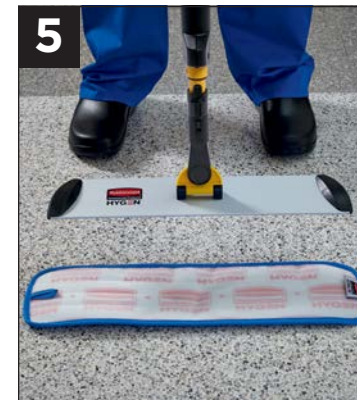
**3A**  
**PLUG**  
the Rubbermaid PULSE Caddy Clean Connect™ hose into the cap fitting to fill the reservoir. Cleaning solution will automatically stop filling when full. Disconnect Clean Connect hose when finished.  
**NOTE:** If air in the Rubbermaid PULSE reservoir impedes the flow of liquid, loosen the cap and perform a manual fill.



**3B**  
**FOR MANUAL FILLING,** open the red cap at the top of the Rubbermaid PULSE reservoir, fill the reservoir, and replace the cap.



**4**  
**PLACE**  
Stable Safety Sign to alert pedestrians of the potential slip-and-fall hazard.



**5**  
**AFFIX**  
the wet mop to the Quick-Connect Frame.



**6**  
**START**  
in the far corner of the room, pressing the red trigger button on the handle of the Rubbermaid PULSE, dispensing enough cleaning solution onto floor to moisten the wet mop.



**7**  
**MOP**  
moving backwards, using Figure 8 strokes. As the mop becomes dry, press the trigger to dispense more cleaning solution.



**8**  
**REMOVE**  
soiled mop by placing one foot on an exposed edge of the mop and the other foot on the end of the Quick-Connect Frame. Pull the handle upward and the mop will peel away from the Quick-Connect Frame.  
**NOTE:** The soiled mop should be removed from the frame when finished mopping or when mop is dry.



**9**  
**LIFT**  
the soiled mop, using the Quick-Connect Frame, positioned at a 90° angle to the mop.



**10**  
**PULL**  
the soiled mop from the frame and drop into the mesh laundry net.

# TOOLS



**FLEXIBLE DUSTING WAND WITH MICROFIBER SLEEVE**



**20" - 8' QUICK-CONNECT STRAIGHT EXTENSION HANDLES AND POLES**

# NOTES

- Don all appropriate Personal Protective Equipment (PPE).
- Do not move locations with poles fully extended.
- Follow all established safety procedures; do not use near electrical wiring.

**1**

**SELECT** the appropriate length Quick-Connect Adjustable Handle or Pole for the task. Remember, the longer the handle, the heavier it will be.

**5**

**EXTEND** handle/pole to the desired length.

**2**

**SELECT** the right dusting sleeve for the task. High Pile dust sleeves are ideal for dusting or wet cleaning.

**6**

**LOCK** handle/pole by twisting the collar clockwise until tight.

**3**

**BEND** the Flexible Wand to the shape of surface being cleaned.

**7**

**DUST** surface, keeping both hands on the handle/pole and both feet securely on the ground.

**4**

**AFFIX** Flexible Wand to Quick-Connect Extension Handle or Pole.

**8**

**TWIST** the collar counter-clockwise to retract the handle/pole when the task is complete.

# TOOLS



11" MICROFIBER FLEXI-FRAME



MICROFIBER FLEXI-FRAME COVERS



20" - 8' QUICK-CONNECT STRAIGHT EXTENSION HANDLES AND POLES

# NOTES

- Don all appropriate Personal Protective Equipment (PPE).
- Do not move locations with poles fully extended.
- Specialized mop covers for all cleaning occasions:
  - Wet: General wet mopping
  - High Pile: Wet or dry dusting
  - Glass: Glass and polished surfaces
  - Tub and Tile: Tile, grout, and rough surfaces
  - Low Pile: Dry dusting
- Follow all established safety procedures; do not use near electrical wiring.

**1**

**SELECT**  
the appropriate length Quick-Connect Adjustable Handle or Pole for the task. Remember, the longer the handle, the heavier it will be.

**2**

**SELECT**  
the right mop cover. High Pile cover is ideal for dusting or wet cleaning. Tub and Tile cover is best for shower cleaning.

**3**

**AFFIX**  
Flexi-Frame to Quick-Connect Extension Handle or Pole.

**4**

**EXTEND**  
handle/pole to the desired length.

**5**

**LOCK**  
handle/pole by twisting the collar clockwise until tight.

**6A**

**DUST**  
hard-to-reach areas with High Pile mop cover.

**6B**

**SCRUB**  
shower tile and grout with the Tub and Tile mop cover.

**7**

**TWIST**  
the collar counter-clockwise to retract the handle/pole when the task is complete.

# TOOLS

**HYGEN HEAVY DUTY  
MICROFIBER CLOTHS**



**HYGEN r-40 RECYCLED  
MICROFIBER CLOTHS**



# NOTES

- Don all appropriate Personal Protective Equipment (PPE).
- Color-coding can help prevent cross-contamination.
- Assign each color to a specific area and task:
  - Yellow: Bathrooms
  - Red: High-risk areas/beds
  - Blue: Specialty Areas
  - Green: General Purpose
  - Light Blue: Glass Surfaces
- Do not over-saturate cloths.
- Follow all established safety procedures.

**1**

**BEGIN**  
with open, clean  
microfiber cloth.

**2**

**FOLD**  
microfiber cloth in half.

**3**

**FOLD**  
microfiber cloth in  
quarters, resulting in a  
square-shaped pad with  
four layers of cloth.

**4**

**CLEAN**  
surfaces with the two  
exposed sides of the  
microfiber cloth. Track the  
side used for each surface  
while cleaning.

**5**

**OPEN**  
microfiber cloth once to  
change sides.

**6**

**REFOLD**  
to expose two fresh  
cleaning surfaces. Track  
the side used for each  
surface while cleaning.

**7**

**OPEN**  
the cloth fully once four  
surfaces have been used  
and expose four fresh  
surfaces.


**8**

**REPEAT**  
steps 2 through 7 to use  
all eight sides.




GETTING STARTED:

**1**



**CLEAN** the laundry machines daily, before the first use.

**2**



**SEPARATE** Rubbermaid HYGEN Microfiber Cloths and Mops from other textiles.

**3**



**WASH** Rubbermaid HYGEN Microfiber Cloths and Mops in a mesh laundry net to manage inventory.


**4**





**DETERMINE** detergent and maximum load size.\*


\*Machine settings can be established by chemical provider.

THE FOLLOWING STEPS ARE RECOMMENDED TO PROPERLY LAUNDRY AND TAKE CARE OF YOUR MICROFIBER:

**1.**  **CLEAN** the laundry machines daily, before the first use.


**3.**  **DETERMINE** detergent and maximum load size using chart on the right.\*

**4.**  **WASH** Rubbermaid HYGEN Microfiber Cloths and Mops using the step-by-step guide on the right.<sup>2</sup>

**5.**  **COMMERCIAL DRYING**

- Dry cloths and mops on low heat (130°F/54°C) setting
- Remove dry textiles from the dryer immediately
- Store dry cloths and mops in clean Rubbermaid Cube Truck

\*Machine settings can be established by chemical provider.  
\*\*Represents 1/2 the average manufacturer's detergent recommendation. Using full amount of detergent can result in hazy floors.

**2.**  **SEPARATE** soiled Rubbermaid HYGEN Microfiber Cloths and Mops from other textiles at the point of contamination.


WASHER SIZE	MAX VOLUME	DETERGENT/ BLEACH/ USAGE**	# OF 18" MOPS	# OF 16" x 16" CLOTHS	# OF 12" x 12" CLOTHS
60 lb. / 27.2 kg	71.8 gal. / 272L	1.5 oz / 2.0 oz	130	200	350
81.6 lb. / 37 kg	97.8 gal. / 370L	2.0 oz / 2.7 oz	175	270	470
101.4 lb. / 46 kg	121.3 gal. / 459L	2.6 oz / 3.4 oz	220	340	600
125 lb. / 56.7 kg	150.6 gal. / 570L	3.1 oz / 4.2 oz	270	415	730
141.4 lb. / 64.3 kg	169.6 gal. / 642L	3.5 oz / 4.7 oz	305	470	820
174.8 lb. / 79.3 kg	201 gal. / 761L	4.4 oz / 5.8 oz	375	580	1015


(Quantity will vary with machine size and type. Fill to 90-100% of capacity. Detergent: 30-60% Alkali; Bleach: 8.5% sodium hypochlorite)

 For higher level of clean and added layer of assurance, use chlorine bleach, as applicable. Confirm with chemical supplier for correct quantity!<sup>1</sup>

OPERATION	WASH TEMP °F	WASH TIME	WATER LEVEL
Break/Bleach	165	25 min.	Med: 14.4 gallons
Rinse	80	2 min.	Med: 14.4 gallons
Rinse	80	3 min.	Med: 14.4 gallons
Extract		5 min.	

(Exact time/speed may vary depending on machine type and/or operating condition)

 Pre-rinse/soak: Mops/cloths may require pre-rinses/soaks to open fibers and loosen soil. Washing with Cold Water: chlorine bleach is required, refer to measurements in prior step

 Water Quality: Soft water (zero grains hardness); low to moderate alkalinity (0-100 ppm @Na2O); no iron in water



**REQUIRED CARE**

- Do not store Rubbermaid HYGEN™ Cloths or Mops in a washing machine overnight
- Do not use fabric softener
- Do not use dryer sheets

Always follow the protocol as directed by your facility manager.  
<sup>1</sup>Follow manufacturer instructions for bleach use.  
<sup>2</sup>Per CDC Guidelines for healthcare facilities.



# RUBBERMAID HYGEN MICROFIBER COMPLETE SYSTEM

**COLOR-CODED WET MOPS (FGQ410)**  
Available in blue, green, and red.

**HIGH ABSORBENCY MOP**  
FGQ41600BL00

**SCRUBBER MOP**  
FGQ81000YL00

**DISPOSABLE MOP**  
2134282

**HYGEN r-40 RECYCLED MICROFIBER CLOTHS**  
Available in 12"x12" (1820577, 1820578, 1820579, 1820580) and 16"x16" (1820581, 1820582, 1820583, 1820584) in four colors (yellow, red, blue, green).

**HYGEN HEAVY DUTY MICROFIBER CLOTHS**  
(FGQ620 AND FGQ610) Available in yellow, red, blue, green.

**MICROFIBER GLASS CLEANING CLOTH**  
FGQ63000BL00

**DISPOSABLE CLOTH**  
2134283



## WET MOPS

## CLOTHS AND MITTS

**FRINGED DUST MOPS**  
Available in 18" to 60".  
FGQ41800GR00, FGQ42600GR00, FGQ43800GR00, FGQ44900GR00, FGQ46000GR00

**ROOM AND HALL DUST MOPS**  
Available in 18".  
FGQ41200GR00

**11" FLEXI-FRAME**  
FGQ85500BK00

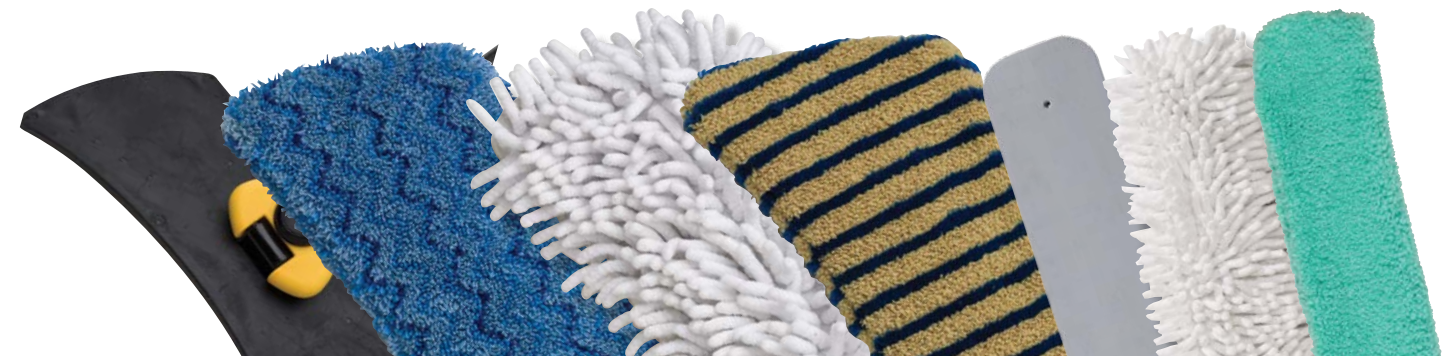
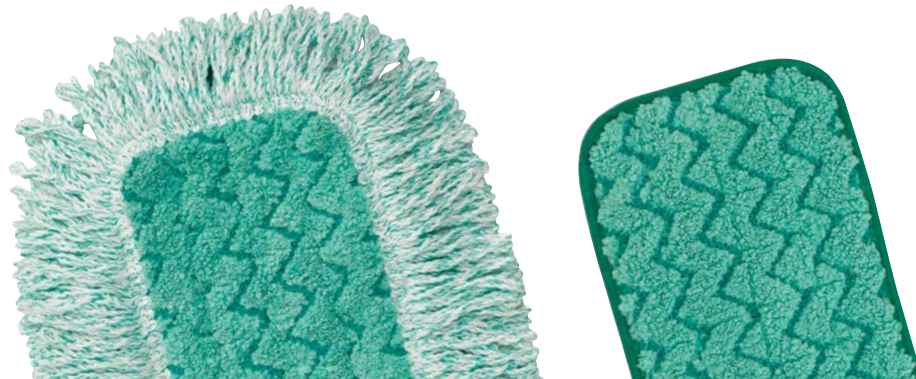
**WET MOP COVER**  
FGQ89100BL00

**HIGH PILE COVER**  
FGQ86100WH00

**TUB AND TILE COVER**  
FGQ88100YL00

**QUICK-CONNECT FLEXI-WAND WITH SLEEVES**  
FGQ85000BK00  
FGQ85200WH00

**FLEXIBLE WAND SLEEVES**  
FGQ85100GR00  
FGQ85300WH00



## DUST MOPS

## SPECIALTY CLEANING

FGQ74500YL00

FGQ75000YL00

FGQ75500YL00

FGQ76500YL00

FGQ76000YL00

**NON-SLIP TIPS**  
Prevent the handles from sliding and falling (standard on all Quick-Connect handles and poles).

FGQ59500YL00

FGQ59000YL00

FGQ58000YL00

FGQ57000YL00

FGQ56000YL00

FGQ55000YL00

**QUICK-CONNECT FRAMES**  
Available in 11" to 60".

**RUBBERMAID PULSE CADDY**  
FGQ966000000



**CHARGING BUCKET**  
FGQ95088YEL



**HIGH SECURITY CLEANING CART**  
FG9T7500BLA



**COLOR-CODED DISINFECTING PAILS**  
FG9T83010000



**DISPOSABLE CLOTH CHARGING TUB**  
2135007



**RUBBERMAID PULSE FLOOR CLEANING KIT**  
1835528



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