

Top Quality RO Systems in Generic Packaging

Fully Assembled Residential RO Systems from Flowmatic®



FMRO4G (shown above) with John Guest® fittings. Model FMRO4J has compression fittings.



FMRO4G-ERP with permeate pump for greater flow and superior performance.



FMRO5G (shown above) with John Guest® fittings. Model FMRO5J has compression fittings.



FMRO5GP system with booster pump, complete with John Guest® fittings. (115v and 220V models.)



FMRO5-150G (150 GPD model)

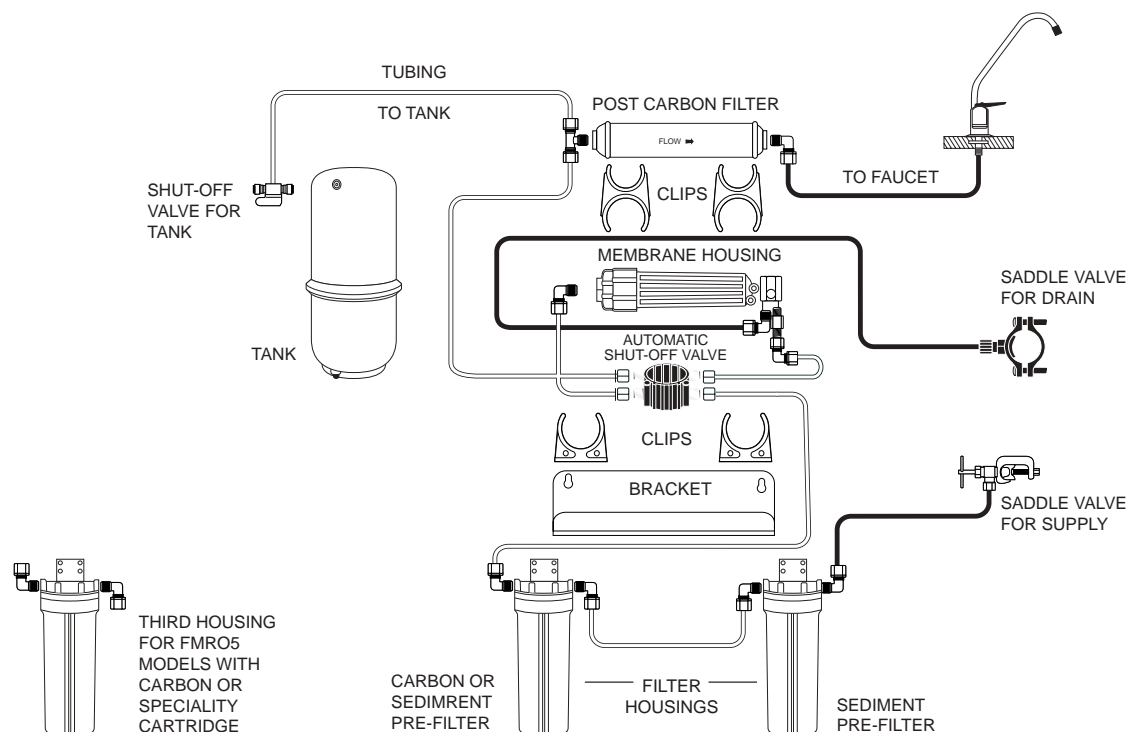
Specifications

Model Number	Stage	GPD	Fittings To Faucet	Tubing	Ship Wt.
FMRO4J	4	50	Comp.	1/4"	25
FMRO4G	4	50	JG	3/8"	25
FMRO4G-ERP	4	50	JG	3/8"	26
FMRO5J	5	50	Comp.	3/8"	29
FMRO5G	5	50	JG	3/8"	28
FMRO5GP-115v	5	50	Comp.	3/8"	28
FMRO5GP-220v	5	50	JG	3/8"	38
FMRO5-150G	5	150	JG	3/8"	46

Note: Systems are fully assembled and packaged in generic cartons and include installation instructions. Every system is fully "wet" tested to check for leaks and function. Systems come complete with chrome long reach, lead-free faucets, wrench for sump removal, carbon block pre-filter, melt blown pre-filter, GAC pre and post filter and our ROPRO® storage tanks, which are preferred by consumers because they take less space below sink due to their high profile. FMRO5-150G come with membrane, pre-filters and 3/8" fittings for tubing only.

Spart Parts for Residential RO Systems

For units packaged in generic cartons.



Part Number	RO Model Number	Description	No. Needed
FM4200WW14	All	Filter housing	2
FM-40AW	FMRO4J, FMRO4G	Bracket, dual pump	1
FM-60AW	FMRO4J, FMRO4G	Bracket, triple pump	1
EH-2501W	All	Membrane housing	1
ROPRO4-W	All	Storage tank, 4 gals.	1
WDF-103LA	All	Faucet, long-reach, lead-free	1
S-3000W	FMRO4J, FMRO5J	Automatic shut-off valve	1
S-3000HCW	FMRO4G, FMRO5G, FMRO5GP	Automatic shut-off valve	1
BV9014W	FMRO4J, FMRO5J	Drain Clamp	1
C256JF	FMRO4J, FMRO5J	Check valve assembly	1
FR-150-256JF	FMRO4J, FMRO5J	Flow restrictor assembly	1
40-4-2-N-O	FMRO4J, FMRO5J	Jaco® male elbow, 1/4" x 1/8"	1
40-4-4-N-O	FMRO4J, FMRO5J	Jaco® elbow, 1/4" x 1/4"	2
10-4-4-N-O	FMRO4J, FMRO5J	Jaco® male connector, 1/4" x 1/4" NPT	1
60-4-4-N-O	FMRO4J, FMRO5J	Jaco® tee	1
NP1415W	FMRO4J, FMRO5J	HEX NIPPLE, 1/4" x 1-1/2" NPT	1
CI480821W	FMRO4G, FMRO5G, FMRO5GP	John Guest® elbow, 1/4" x 1/8"	1
CI480822W	FMRO4G, FMRO5G, FMRO5GP	John Guest® elbow, 1/4" x 1/4"	3
CI010822W	FMRO4G, FMRO5G, FMRO5GP	John Guest® connector, 1/4" x 1/4" NPT	2
CI010821W	FMRO4G, FMRO5G, FMRO5GP	John Guest® connector, 1/4" x 1/8" NPT	4
CI0208W	FMRO4G, FMRO5G, FMRO5GP	John Guest® union tee	1
CI050822W	FMRO4G, FMRO5G, FMRO5GP	John Guest® stem adapter, 1/4" x 1/4"	1
CI31212U7S	FMRO4G, FMRO5G, FMRO5GP	John Guest® faucet connector	1
C220JG-ST	FMRO4G, FMRO5G, FMRO5GP	Check valve assembly	1
FR-125-220JG	FMRO4G, FMRO5G, FMRO5GP	Flow restrictor assembly	1
SPSF5-978	All	Pre-filter, sediment	1
MAXETW-975	All	Pre-filter, carbon	1
GAC-10N	FMRO4G, FMRO5G, FMRO5GP	Pre-filter, GAC	1
AICRO	All	Post-filter, carbon	1
TW30-1812-50	All	Membrane, 50 GPD capacity	1
INS14	FMRO4J, FMRO5J	Tube insert	14
MS1034	All	Mounting screw, #10 x 3/4"	10
MS0812	All	Mounting screw, #8 x 1/2"	1

Under Counter Drinking Water Units

Fully assembled systems in "no name" generic packaging.



Model ADWU-S (single)



**Model ADWU-D-UV
(Dual model with UV lamp and cartridges)**



Model ADWU-DM (dual with meter)



Model ADWU-TM (triple with meter)

- Fully assembled for easy installation
- Packaged in white, "no name" retail cartons
- Installation instructions included
- Long reach faucets meet lead-free requirements
- Models with automatic shut off meter included for cartridge replacement
- Stainless steel mounting screws included
- Comes with genuine John Guest® quick connect fittings

Model Number	Type	Meter for Auto Shut-Off	Number Per Carton
ADWU-S	Single	No	1
ADWU-D	Dual	No	1
ADWU-DM	Dual	Yes	1
ADWU-D-UV	Dual with UV	No	1
ADWU-T	Triple	No	1
ADWU-TM	Triple	Yes	1

Note: ADWU-D-UV model includes UV lamp, ballast, sediment cartridge and carbon block cartridge. For other models, cartridges are not included. The recommended maximum flow rate for ADWU-D-UV system is 1 GPM.

Counter Top Filters

Conventional and models with built-in alarm for cartridge replacement indicator.



Hydro-Safe® model with built-in alarm

Conventional models

- Fully assembled
- Easy installation
- Long reach spouts
- Adapters and fittings included
- Packaged in white retail cartons
- Ideal for private label marketing
- Model with audible alarm for cartridge replacement indicator

Hydro-Safe® model with audible alarm to indicate when to replace the cartridge.

Model Number	Description	No. Per Case
HSCT-WM	Assembled system packaged in attractive retail carton with audible alarm.	6

Conventional models, packaged in white retail cartons

Model Number	Type	Housing	Spout	Inlet Fitting	Elbow	Diverter	No. Per Case
ACT-C	Chrome	SS-4000	LRS-C-OR	C-22N	C-21-1	SDV-14S	12
ACT-P	White	SS-4000	LRS-P	CI010822W	CI481222W	DV-800WM	12

Unassembled kits, packaged in bulk

Model Number	Type	Housing	Spout	Inlet Fitting	Elbow	Diverter	No. Per Case
CTK-C	Chrome	SS-4000	LRS-C-OR	C-22N	C-21-1	SDV-14S	12
CTK-P	White	SS-4000	LRS-P	CI010822W	CI481222W	DV-800WM	12

Note: Cartridges are not included.

Hydro-Safe® UV Disinfection Systems

Top quality systems designed to reduce bacteria, virus & other harmful contaminants.



Applications

- Well water
- Surface water
- Municipal water
- Food service & processing
- Hospitals
- Aquaculture
- Electronics
- Pharmaceuticals
- Hotels
- Water bottlers
- Laboratories
- Marine

Features & Benefits

- Provides disinfection without the use of chemicals
- Reduces bacteria, virus and protozoa by 99.99%
- Electronic ballasts providing constant output current over the entire operating range
- Improved surge protection
- Annual lamp replacement reminder feature
- Polished, 304 stainless steel reactor chambers for durability
- Easy servicing (no need to disconnect water flow during lamp replacement)
- Open end quartz sleeves for optimum operating temperature and sealing efficiency
- Aluminum base for quick and easy servicing

Stainless steel models for flow rates to 24 GPM

Model No.	Flow Rate (GPM)	Dimensions			Pipe Size (MNPT)	Electrical	Ship Wt.
		Width	Height	Length			
HSUV-SS-05-1	0.5	2"	2"	11"	1/4"	110-130 v / 50-60 hz	5
HSUV-SS-05-2	0.5	2"	2"	11"	1/4"	200-250 v / 50-60 hz	5
HSUV-SS-1-1	1	2-1/2"	2-1/2"	15"	1/4"	110-130 v / 50-60 hz	5
HSUV-SS-1-2	1	2-1/2"	2-1/2"	15"	1/4"	200-250 v / 50-60 hz	5
HSUV-SS-2-1	2	2-1/2"	2-1/2"	17"	1/2"	110-130 v / 50-60 hz	6
HSUV-SS-2-2	2	2-1/2"	2-1/2"	17"	1/2"	200-250 v / 50-60 hz	6
HSUV-SS-5-1	5	2-1/2"	2-1/2"	21"	3/4"	110-130 v / 50-60 hz	7
HSUV-SS-5-2	5	2-1/2"	2-1/2"	21"	3/4"	200-250 v / 50-60 hz	7
HSUV-SS-8-1	8	2-1/2"	2-1/2"	35"	3/4"	110-130 v / 50-60 hz	10
HSUV-SS-8-2	8	2-1/2"	2-1/2"	35"	3/4"	200-250 v / 50-60 hz	10
HSUV-SS-12-1	12	7"	8"	37"	3/4"-1"*	110-130 v / 50-60 hz	18
HSUV-SS-12-2	12	7"	8"	37"	3/4"-1"*	200-250 v / 50-60 hz	18
HSUV-SS-24-1	24	7"	9-1/2"	37"	1"	110-130 v / 50-60 hz	23
HSUV-SS-24-2	24	7"	9-1/2"	37"	1"	200-250 v / 50-60 hz	23

Systems are rated for pressures to 125 psi. *Combo fitting. External ballast and power cord are included.

Hydro-Safe® UV Disinfection Systems

Top quality systems designed to reduce bacteria, virus & other harmful contaminants.



24 GPM Models with monitor

Hydro-Safe® UV systems with monitors

Models with monitors are specifically designed for residential and commercial installations where a 99.99% reduction of bacteria, virus and protozoa is required and when monitoring is desired. Systems with monitors keep track of UV intensity and elapsed running time for optimum performance. They also provide a visual and audible indicator, in the event lamp failure should occur. Options for remote monitoring and shut-off are available.

Features & Benefits

- Provides disinfection without the use of chemicals
- Reduces bacteria, virus and protozoa by 99.99%
- 245 nm monitors to keep track of UV intensity and lapsed running time
- Electronic ballasts provide constant output current over the entire operating range
- Lamp “on” and audible lamp failure indicators
- Annual lamp replacement reminder
- Improved surge protection
- Electro-polished 304 stainless steel reactor chambers for increased durability
- Easy servicing (no need to disconnect water flow during lamp replacement)
- Open end quarts sleeves for optimum operating temperature and sealing efficiency
- Non-corrosive aluminum base for quick and easy servicing

Models with 254 nm monitor

Model No.	Flow Rate (GPM)	Dimensions			Pipe Size (MNPT)	Electrical	Ship Wt.
		Width	Height	Length			
HSUV-SS-M-5	5	5"	3-1/2"	22"	3/4"	110-130 v / 50-60 hz	12
HSUV-SS-M-8	8	5"	3-1/2"	35-1/2"	3/4"	110-130 v / 50-60 hz	14
HSUV-SS-M-12	12	7"	8"	37"	3/4"-1"*	110-130 v / 50-60 hz	18
HSUV-SS-M-24	24	7"	9-1/2"	37"	1"	110-130 v / 50-60 hz	23

* Combo fittings.

NOTE: All systems rated for pressures to 125 PSI. Ballasts included with power cord.

Hydro-Safe® UV Disinfection Systems

High capacity models for flow rates from 40 to 800 GPM.



Hydro-Safe® High Capacity UV System



Controller

Features & Benefits

- UV intensity monitor detects 254 nm wave lengths and displays results on panel meter
- Audible and visual indicators to assure optimum performance
- Elapsed time meter measure running time for peak lamp output
- Separate NEMA 4 modified control panel for protection from the elements
- Flange connections (150 lb. raised face)
- Viewing port for operational monitoring
- Dry contact output for solenoid valve, horn and other electrical components
- Easy servicing (no need to disconnect water flow to change UV lamps)
- Removable reactor chamber flanges for easy access and cleaning
- High chamber temperature alarm provides audible and visual alarm if unit overheats
- Open end quartz sleeves & stainless steel nuts for optimum operating temperature & sealing
- 99.99% destruction of bacteria and viruses at rated flow rates
- Electronic ballast with internal damage limiting circuitry
- Polished, 316L stainless steel reactor chamber

Hydro-Safe® high capacity stainless steel UV systems (40-225 GPM)

Model No.	Flow Rate (GPM)	Dimensions			Pipe Size (MNPT)	Electrical	Ship Wt.
		Width	Height	Length			
HSUV-SS-40-1	40	8"	11"	38"	1-1/2" NPT	110-130 v / 50-60 hz	80
HSUV-SS-40-2	40	8"	11"	38"	1-1/2" NPT	200-250 v / 50-60 hz	80
HSUV-SS-65-1	65	10"	13"	38"	2" NPT	110-130 v / 50-60 hz	123
HSUV-SS-65-2	65	10"	13"	38"	2" NPT	200-250 v / 50-60 hz	123
HSUV-SS-100-1	100	10"	13"	38"	2" NPT	110-130 v / 50-60 hz	124
HSUV-SS-100-2	100	10"	13"	38"	2" NPT	200-250 v / 50-60 hz	124
HSUV-SS-225-1	225	10"	16-1/2"	68"	4" Flange	110-130 v / 50-60 hz	150
HSUV-SS-225-2	225	10"	16-1/2"	68"	4" Flange	200-250 v / 50-60 hz	150
HSUV-SS-400-2	400	18"	21"	68"	6" Flange	200-250 v / 50-60 hz	NA
HSUV-SS-600-2	600	20"	29-1/2"	68"	8" Flange	200-250 v / 50-60 hz	NA
HSUV-SS-800-2	800	25"	33"	68"	8" Flange	200-250 v / 50-60 hz	NA

Note: All systems rated for pressures to 125 PSI.

Hydro-Safe® UV Disinfection Systems

Top quality systems designed to reduce bacteria, virus & other harmful contaminants.

Options for models with monitors

Part Number	Description	Size	Material	Electrical
HSMMSV-15-1	Solenoid valve for monitor models	1/2"	Brass	110
HSMMSV-15-2	Solenoid valve for monitor models	1/2"	Brass	220
HSMMSV-75-1	Solenoid valve for monitor models	3/4"	Brass	110
HSMMSV-75-2	Solenoid valve for monitor models	3/4"	Brass	220
HSMMSV-100-1	Solenoid valve for monitor models	1"	Brass	110
HSMMSV-100-2	Solenoid valve for monitor models	1"	Brass	220
HSMMSV-150-1	Solenoid valve for monitor models	1-1/2"	Brass	110
HSMMSV-150-2	Solenoid valve for monitor models	1-1/2"	Brass	220
HSMMSV-200-1	Solenoid valve for monitor models	2"	Brass	110
HSMMSV-200-2	Solenoid valve for monitor models	2"	Brass	220
HSMMC-1	Cable connects solenoid to monitor	5'		
HSMM-RM	Remote monitor shows intensity & time			
HSMM-FR-2	Flow restrictor set for 2 GPM	1/2" x 1/2" FNPT	Chrome	
HSMM-FR-5	Flow restrictor set for 5 GPM	3/4"x3/4" FNPT	Chrome	
HSMM-FR-8	Flow restrictor set for 8 GPM	3/4"x3/4" FNPT	Chrome	
HSMM-FR-12	Flow restrictor set for 12 GPM	1"x1" FNPT	Chrome	
HSMM-FR-20	Flow restrictor set for 20 GPM	1"x1" FNPT	Chrome	



Replacement lamps

Part Number	Flow Rate (GPM)	Length	Ship Wt. (Lbs.)
HSRL-9	0.5	9"	1
HSRL-11	1	11-7/8"	1
HSRL-13	2	13-1/2"	1
HSRL-18	5	18-13/16"	1
HSRL-32	8	32-1/2"	1
HSRL-33	12 to 100	33-3/4"	1
HSRL-61	225 to 800	61-7/8"	1

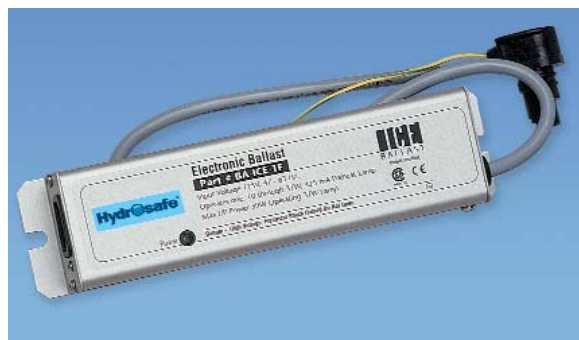
Note: Two o-rings are shipped with all replacement lamps.

Quartz sleeves

Part Number	Flow Rate (GPM)	Size	Material	Ship Wt. (Lbs.)
HSQS-9	0.5	20x22.5x254 mm	Quartz	1
HSQS-11	1	20x22.5x330 mm	Quartz	1
HSQS-13	2	20x22.5x375 mm	Quartz	1
HSQS-18	5	20x22.5x502 mm	Quartz	1
HSQS-32	8	20x22.5x845 mm	Quartz	1
HSQS-33	12 to 100	20.5x22x889 mm	Quartz	1
HSQS-61	225 to 800	22x25x1638 mm	Quartz	1

Hydro-Safe® UV Disinfection Systems

Replacement ballast and power cords.



Revolutionary ballast design

Our revolutionary ballast design provides the following significant advantages:

- Longer lamp life due to cooler operation
- Improved transient protection from electrical spikes
- Eliminates lamp flickering
- Audible & visual alarm if lamp fails
- Audible & visual alarm for lamp replacement (12 mos.)
- Conformal coated circuit board for condensation protection.

Electronic ballast

Part Number	Model Numbers	Type	Electrical (Lbs.)	Ship Wt.
HSEB-1F	HSUV-SS-05-1 HSUV-SS-1-1 HSUV-SS-2-1 HSUV-SS-5-1 HSUV-SS-8-1 HSUV-SS-12-1	Electronic	100 - 130v / 50-60 hz	2
HSEB-2F	HSUV-SS-05-2 HSUV-SS-1-2 HSUV-SS-2-2 HSUV-SS-5-2 HSUV-SS-8-2 HSUV-SS-12-2	Electronic	200 - 250v / 50-60 hz	2
HSEB-3F	HSUV-SS-M-5 HSUV-SS-M-8 HSUV-SS-M-12 HSUV-SS-M-24	Electronic	100 - 130v / 50-60 hz	2
HSEB-40/100-100	HSUV-SS-40-1 HSUV-SS-65-1 HSUV-SS-100-1	Electronic	100 - 130v / 50-60 hz	1
HSEB-40/100-200	HSUV-SS-40-2 HSUV-SS-65-2 HSUV-SS-100-2	Electronic	200 - 250v / 50-60 hz	1
HSEB-225/800-100	HSUV-SS-225-1 HSUV-SS-400-1 HSUV-SS-600-1 HSUV-SS-800-1	Electronic	100 - 130v / 50-60 hz	2
HSEB-225/800-200	HSUV-SS-225-2 HSUV-SS-400-2 HSUV-SS-600-2 HSUV-SS-800-2	Electronic	200 - 250v / 50-60 hz	2

Note: Detachable power cords sold separately.

Detachable power cords

Part Number	Description	Type	Ship Wt. (Lbs.)
HSDPC-NA	North American (NEMA 5-15P)	3-prong grounded (115V)	1
HSDPC-EU	European	2-pin	1
HSDPC-UK	UK	3-prong	1
HSDPC-A	Australian	3-prong	1