



STANDARD SYSTEMS

MODEL A B4 C4 D4 D4 PLUS E4 E4 PLUS F4 F4 PLUS

Flow Rates

Rated flow at dose 16 mJ/cm ² @ 95% UVT						
Rated flow at dose 30 mJ/cm ² @ 95% UVT	2 gpm (7 lpm)	6 gpm (23 lpm)	10.5 gpm (39.7 lpm)	10.5 gpm (39.7 lpm)	18.5 gpm (70.0 lpm)	30.5 gpm (115.5 lpm)
Rated flow at dose 40 mJ/cm ² @ 95% UVT						

Operating Parameters

Operating pressure	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)
Ambient air temperature	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)
Ambient water temperature	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)
Hardness (max.)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)
Iron (max.)	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm
UVT (min.)	75%	75%	75%	75%	75%	75%
Installation direction*	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal

Electrical

Voltage	120 - 240V AC	100 - 240VAC	100 - 240V AC	100 - 240V AC	100 - 240V AC	100 - 240V AC
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Max. current	0.3 Amp	0.4 Amp	0.5 Amp	0.5 Amp	0.85 Amp	1.2 Amp
Max. power consumption	22 Watts	36 Watts	50 Watts	50 Watts	83 Watts	130 Watts
Lamp power	14 Watts	25 Watts	40 Watts	40 Watts	70 Watts	110 Watts

Dimensions

Chamber	15.5" x 2.5" (39 x 6.5 cm)	14.5" x 4" (37 x 10cm)	20.5" x 4" (52 x 10cm)	20.5" x 4" (52 x 10cm)	30" x 4" (76 x 10cm)	44.25" x 4" (112.5 x 10cm)
Power Supply	2.8" x 3.3" (7 x 8 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)
Inlet & Outlet	3/8" NPT	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT	1" NPT

Features

Sensor with diagnostic test	--	--	--	D4 Plus	E4 Plus	F4 Plus
Solenoid Valve	--	--	--	Optional	Optional	Optional
Chamber material	304 SST	304 SST	304 SST	304 SST	316L SST	316L SST
Audible alarm mute button	--	--	--	D4 Plus	E4 Plus	F4 Plus
Lamp reset button	--	--	--	D4 Plus	E4 Plus	F4 Plus
Lamp age indicator	--	--	--	D4 Plus	E4 Plus	F4 Plus
Lamp operation indicator	--	yes	yes	yes	yes	yes
Power supply operation indicator	--	yes	yes	yes	yes	yes
Sensor Reading Output	--	--	--	yes, sensor operation indicator	yes, sensor operation indicator	yes, sensor operation indicator

Replacement Parts

Lamp	602803	602804	602805	602805	602806	602807
Quartz Sleeve	602730	602731	602732	602732	602733	602734
Power Supply	650414 (120V) 650415 (230V)	650713-005	650713-006	650713-007 650713-008 (Plus)	650713-001 650713-002 (Plus)	650713-003 650713-004 (Plus)
Sensor	--	--	--	650703	650703	650703

*systems with sensors must be installed vertically



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System tested and Certified by NSF International against NSF/ANSI 61 and NSF/ANSI 55 for Drinking Water Performance, Class B





VALIDATED SYSTEMS (NSF 55 CLASS B)

MODEL	B4-V	C4-V	D4-V D4-V PLUS	E4-V E4-V PLUS	F4-V F4-V PLUS
Flow Rates					
Rated flow for NSF Std 55, Class B	4.3 gpm (16.3 lpm)	8.9 gpm (33.7 lpm)	8.9 gpm (33.7 lpm)	15.8 gpm (59.8 lpm)	26.1 gpm (98.8 lpm)
Operating Parameters					
Operating pressure	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)	125 PSI (862 kPa)
Ambient air temperature	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)	32°F - 122°F (0°C - 50°C)
Ambient water temperature	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)	39.2°F - 104°F (4°C - 40°C)
Hardness (max.)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)
Iron (max.)	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm
Installation direction*	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal
Electrical					
Voltage	100 - 240VAC	100 - 240V AC	100 - 240V AC	100 - 240V AC	100 - 240V AC
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Max. current	0.4 Amp	0.5 Amp	0.5 Amp	0.85 Amp	1.2 Amp
Max. power consumption	36 Watts	50 Watts	50 Watts	83 Watts	130 Watts
Lamp power	25 Watts	40 Watts	40 Watts	70 Watts	110 Watts
Dimensions					
Chamber	14.5" x 4" (37 x 10cm)	20.5" x 4" (52 x 10cm)	20.5" x 4" (52 x 10cm)	30" x 4" (76 x 10cm)	44.25" x 4" (112.5 x 10cm)
Power Supply	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)	8.5" x 6" (22 x 15 cm)
Inlet & Outlet	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT	1" NPT
Features					
Sensor with diagnostic test	--	--	D4-V Plus	E4-V Plus	F4-V Plus
Solenoid Valve	--	--	Optional	Optional	Optional
Chamber material	304 SST	304 SST	304 SST	316L SST	316L SST
Dynamic flow restrictor	--	--	D4-V / D4-V Plus	E4-V / E4-V Plus	F4-V / F4-V Plus
Audible alarm mute button	--	--	D4 Plus / D4-V Plus	E4 Plus / E4-V Plus	F4 Plus / F4-V Plus
Lamp reset button	--	--	D4 Plus / D4-V Plus	E4 Plus / E4-V Plus	F4 Plus / F4-V Plus
Lamp age indicator	--	--	D4 Plus / D4-V Plus	E4 Plus / E4-V Plus	F4 Plus / F4-V Plus
Lamp operation indicator	yes	yes	yes	yes	yes
Power supply operation indicator	yes	yes	yes	yes	yes
Sensor Reading Output	--	--	yes, sensor operation indicator	yes, sensor operation indicator	yes, sensor operation indicator
Replacement Parts					
Lamp	602804	602805	602805	602806	602807
Quartz Sleeve	602731	602732	602732	602733	602734
Power Supply	650713-005	650713-006	650713-007 650713-008 (Plus)	650713-001 650713-002 (Plus)	650713-003 650713-004 (Plus)
Sensor	--	--	650703	650703	650703

*systems with sensors must be installed vertically

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