

# SQC PRO

Pressurized Reverse Osmosis System

# WATER FACTORY SYSTEMS™



## PRODUCT SPECIFICATIONS

- Description** Pressurized reverse osmosis drinking water system  
Four cartridge RO system
- Application** Ideal for low water pressure and/or high TDS (total dissolved solids)  
Central drinking water system or applications with multiple points of use  
May be used on municipal or private water supplies  
Recommended for residential and light commercial applications
- Features** Integral purification assembly includes filters, RO membrane, booster pump and controls  
Produces up to 80 GPD/302 LPD (SQC PRO C80)  
5 micron graded density sediment pre-filter to protect booster pump  
100 PSI constant high pressure booster pump  
Granular activated carbon pre-filtration to protect membrane  
High Flux Thin Film Composite RO membrane  
Radial flow polishing filter for highest faucet output (SQC PRO 40 GPD only)  
*Sanitary Quick Change* filter cartridges  
Compact, space saving design  
Installation kit includes feedwater valve, 2.5 gallon tank, long reach air gap faucet (SQC PRO 40 GPD only)



SQC PRO Shown  
(40 GPD/151 LPD)

## SQC Pro Specifications

Model	Part#	Maximum Capacity	Electrical***
SQC PRO (110/60)	04-08201	40 GPD (151.4 LPD)**	110 VAC, 60 Hz
SQC PRO (220/50)	04-082E	40 GPD (151.4 LPD)**	220 VAC, 50 Hz
SQC PRO C80 (110/60)	06-919002	80 GPD (302.8 LPD)	110 VAC, 60 Hz
SQC PRO C80 (220/50)	06-919005	80 GPD (302.8 LPD)	220 VAC, 50 Hz

NOTES: \*\* Actual output 34 GPD +/- 15% of rated capacity, due to membrane variations. Capacity based upon water feed of 350 ppm (mg/L) TDS @100 PSI (414 kPa) @ 77°F (25°C)

\*\*\* Optional foreign voltage available. Recommended feed water pressure 0-60 PSI (0-413.7 kPa)

Dimensions 16"H x 11"W x 5.7"D (41cm H x 28cm W x 19cm D) / Shipping weight 34 lbs. (15.4 Kg)

## Feed Water Requirements

Parameter	Limits	Parameter	Limits
pH	4.0-11.0	Manganese	<0.05 ppm (mg/L)
Hardness	<350 ppm (mg/L)	Hydrogen Sulfide	none allowable
Iron (Fe)	<0.1 ppm (mg/L)	Organics	<1.0 ppm (mg/L)
Free Chlorine	up to 3 ppm (mg/L)	Temperature	40-100°F (4-38°C)
Turbidity	<1.0 NTU	Total Dissolved Solids	up to 2,000 ppm (mg/L)

Replacement filters, components:

SQC PRO: 47-55702G2, 47-55704G2, 66-4703G2    SQC PRO C80: 47-55710G2, 66-4709G2

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#### Application Guidelines / Conditions of Use

System Type	SQC PRO	Water Supply Requirements	
Water supply <i>Community or private well</i>	Chlorinated and non-chlorinated	Chemical	Limit
		Hardness	<350 mg/L
Water pressure	0-80 psi (0-690 kPa; 0-7 Kg/cm <sup>2</sup> )	Iron	<0.1 mg/L
Water temperature	40-100°F (4-38°C)	Manganese	<0.05 mg/L
pH range	4.0-11.0	Hydrogen sulfide	0
TDS level (max)	2,000 ppm (mg/L)	Turbidity	<1NTU

**CAUTION:** Do not use where water is microbiologically unsafe or with water of unknown quality. Water supplies that exceed limits for hardness, iron, manganese, hydrogen sulfide require pre-treatment.

#### Purification Assembly Components SQC PRO

- (1) Sediment pre-filter: 5 micron depth cartridge
- (1) Carbon pre-filter: Granular activated carbon
- (1) Membrane type: Thin film composite (TFCM)
- (1) Polishing post-filter: Block carbon (SQC PRO 40 only)

#### Purification Assembly Components SQC PRO C80

- (1) Sediment
- (2) Carbon
- (1) Membrane

**Standard tank capacity:** 2.5 gallons (9.5 liters) maximum.  
Factory sanitized and ready to install.

**Reject water:** This drinking water appliance has a self-cleaning feature that requires approximately 3 gallons (1.4 liters) of rinse water for every gallon of high quality water consumed.

**All drinking water appliances are factory tested and prepared for installation.**

#### General Performance

##### Testing results\*:

##### System production:

SQC PRO, 24-40 GPD (91-151 LPD)  
SQC PRO C80, 68-80 GPD (257-302 LPD)

**TDS reduction:** 96% coverage

\*Rated at 100 psi (690kPa), 77°F (25°C), 750 mg/L NaCl, product flow to pressurized storage tank.

**NOTE:** Actual production rate and TDS reduction will depend upon temperature, TDS level, membrane variation and usage pattern.

Contact your authorized dealer



WaterGroup

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