



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

SENTRY W7900 SERIES RESIN COLUMNS

Cation Exchange Resin Columns



SAMPLE CONDITIONING

Sentry® refillable resin columns are a low-cost alternative to disposable ion exchange cartridges. An optional auto shut-off quick disconnect kit with 1/4-inch ID tube connections provides isolation during resin replacement.

Options include three different sizes to interchange with the most popular sized disposable cartridges. Each resin column includes an initial charge of pre-measured color-indicating hydrogen-form cation resin.

MODELS

W7901: 24 inch long (625 cc volume) with 1/4 inch FNPT in/out and vent connections

W7901L44: 24 inch long (625 cc volume) without vent connections

W7901S44: 12 inch long (290 cc volume) without vent connections

W7902: exact replacement for disposable cartridge used with IWT Metex II holder

W7902NPT: replacement for disposable cartridge with 1/4 inch FNPT end caps that can be used with optional quick disconnect kit

W7903: exact replacement for disposable cartridge on Rosemount Condensate Analyzer Model CH-16D/E

BENEFITS

Low-cost alternative to disposable ion exchange cartridges with three different options to accommodate most popular cartridge sizes. Slender design ensures plug-free flow and reduces channeling.

FEATURES

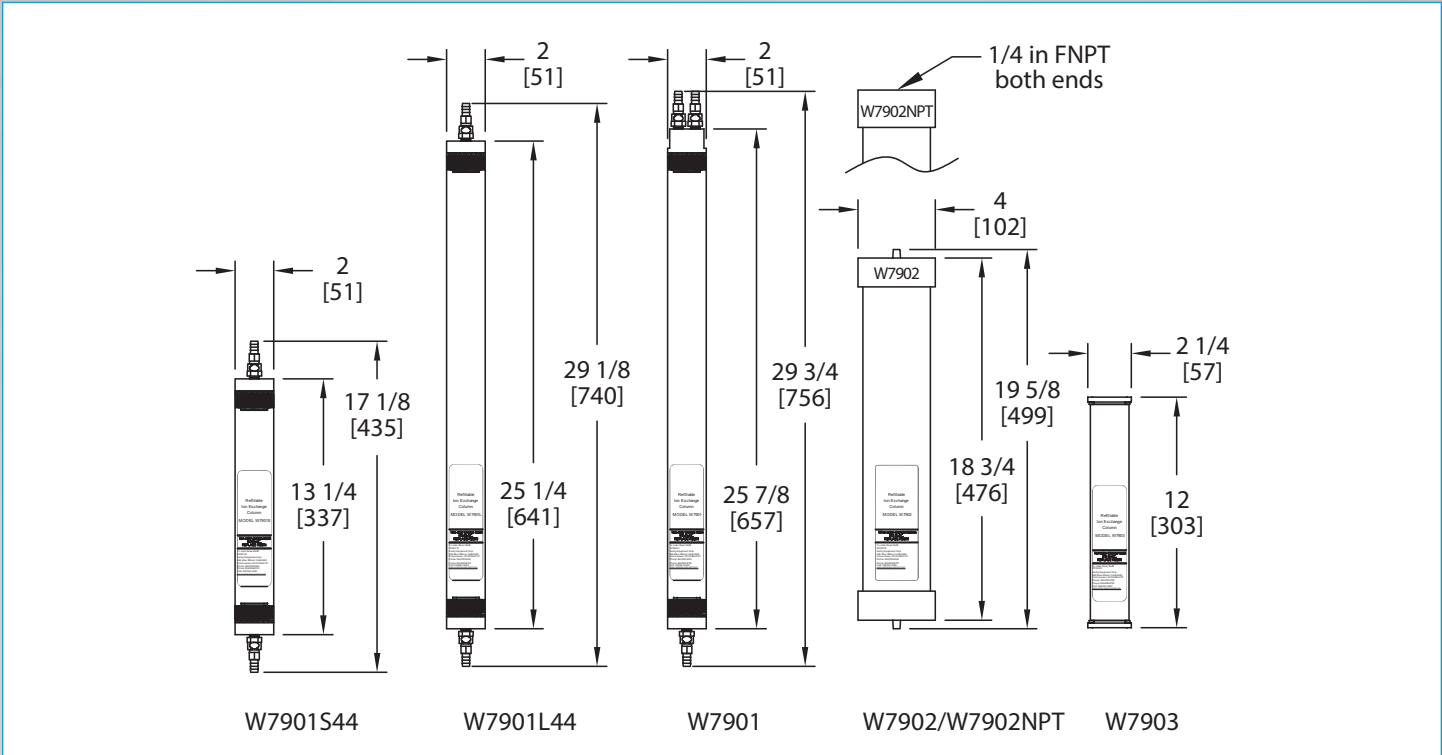
- Optional quick disconnect kit isolates column from source in either up or down flow direction
- Corrosion-resistant mounting clamps included with W7901x models



Sample. Monitor. Measure.

SENTRY

Any Application. Anywhere.



SPECIFICATIONS

model	resin volume	cation capacity (grains as CaCO ₃)	p/t limit	flow (ccm)	resin life*	standard connections (FNPT)		
						inlet	outlet	vent
W7901	625 cc	900	100 psi at 125°F (6.9 bar at 51.7°C)	200	3–6 months	1/4 in	1/4 in	1/4 in
W7901L44	625 cc	900	100 psi at 125°F (6.9 bar at 51.7°C)	200	3–6 months	1/4 in	1/4 in	n/a
W7901S44	290 cc	425	100 psi at 125°F (6.9 bar at 51.7°C)	150	2–4 months	1/4 in	1/4 in	n/a
W7902	2000 cc	2800	100 psi at 125°F (6.9 bar at 51.7°C)	200	6–12 months	n/a	n/a	n/a
W7902NPT	2000 cc	2800	100 psi at 125°F (6.9 bar at 51.7°C)	200	6–12 months	1/4 in	1/4 in	n/a
W7903	450 cc	650	10 psi at 125°F (.69 bar at 51.7°C)	150	2–4 months	n/a	n/a	n/a

* Resin life is a function of electrolyte concentration and flow rate through column.

sentry-equip.com

966 Blue Ribbon Circle North, Oconomowoc, WI 53066 U.S.A. | +1-262-567-7256 | sales@sentry-equip.com

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