



TECHNICAL  
SHEET

# Evolio 580

Softener Platform





# EVOLIO-580

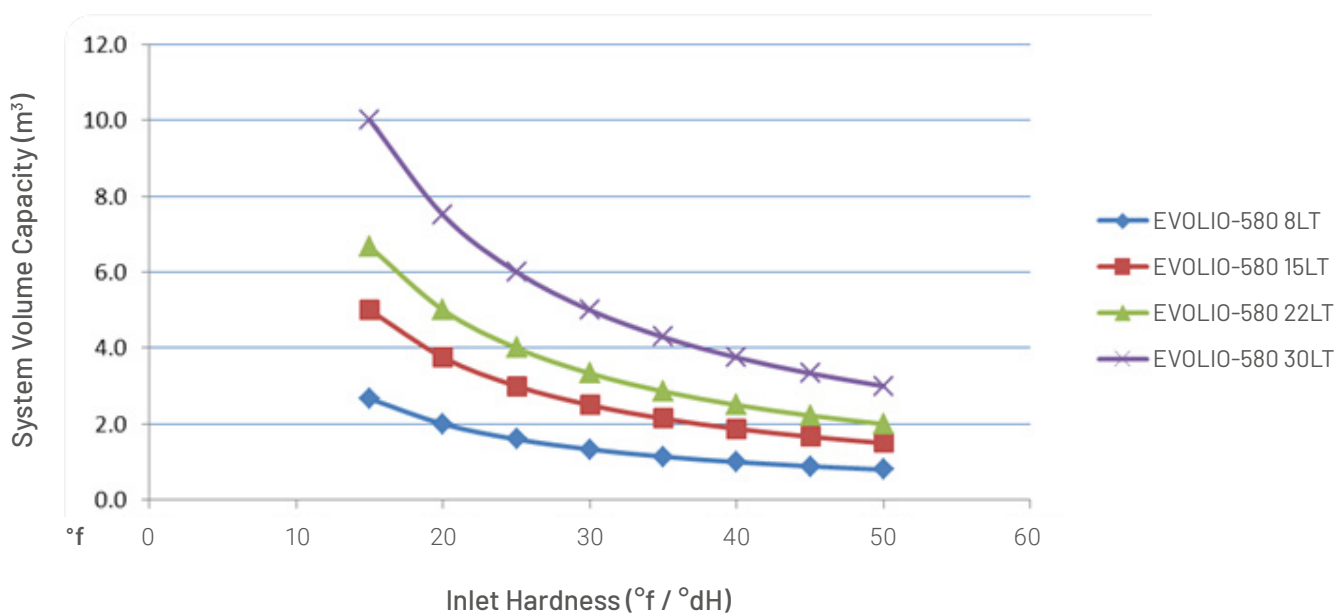
Softener Platform  
8L / 15L / 22L / 30L



## TECHNICAL CHARACTERISTICS

- ◆ Assembled with 100% Pentair components
- ◆ Features Fleck 5800 SXT metered valve, down flow regeneration
- ◆ Large, blue backlight LCD display
- ◆ Easy access to settings with the new electronic mounted on cabinet cover
- ◆ Inlet/Outlet connections: ¾ inch – BSPT, male
- ◆ Drain line connection: ½ inch – BSPT, male
- ◆ Power requirements: 220 VAC/50 Hz
- ◆ Water pressure range: 1.5-8 bar
- ◆ Water temperature range: 2-38°C
- ◆ High quality acid cationic strong resin
- ◆ Cabinet body: made in polyethylene high density
- ◆ HP Cover: made in ABS
- ◆ Certifications: CE, ACS, DM25
- ◆ All raw materials are RoHs certified

## VOLUME CAPACITY VS INLET HARDNESS CHART





## TECHNICAL SPECIFICATIONS

Characteristics	EVOLIO-580 8 LT	EVOLIO-580 15 LT	EVOLIO-580 22 LT	EVOLIO-580 30 LT
Resin liters (L)	8	15	22	30
Nominal flow rate (m <sup>3</sup> /h)* @10 <sup>o</sup> f	0.42	0.6	0.8	1.2
Peak flow rate (m <sup>3</sup> /h)* @10 <sup>o</sup> f	0.83	1.56	2.08	3.12
Exchange capacity (°f/m <sup>3</sup> )	40	75	100	150
Salt consumption per regeneration (kg)	0.96	1.8	2.4	3.6
Approx. water consumption per regeneration (L)**	47	83	189	279
Salt storage (kg)	25	50	50	50
Width (cm)	31	31	31	31
Depth (cm)	42.5	42.5	42.5	42.5
Height (cm)	76	120	120	120
Approx. ship weight (kg)	12	20	30	35

Note: All calculations are based on a salt dosage setting at 120g/l of resin. The softener installation takes into account a pre-filter made of a 10" filter housing (Pentair ref. 150543) and a 10" 100micron Wound cartridge (Pentair ref. WWP100P10).

\* Indicatives data. Maximum flow rate to produce in order to respect the required service velocity for an optimal ion exchange upon resin manufacturers recommendation, regardless of the inlet pressure.

\*\* Values may vary upon local condition and programming. All consumptions are given for an inlet pressure of 3 bar.



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