



# Specifications - AcidFIX™

- Corrects Low pH Acid Water
- Protects Plumbing and Appliances
- Stops blue copper stains
- Self Regulating pH Control
- Self Cleaning

## CASCADIAN® AcidFIX™ 58X Automatic pH Adjustment Systems

- Automatic self regulating pH control
- Simple backwash regeneration, no chemicals to add
- Non-corrosive fiberglass reinforced media tank
- 58X ADVANCED SOLID STATE MICROPROCESSOR BASED SMART CONTROLLER
  - Full Color Touch Screen Display – User Friendly Interface – Easy to read and program
  - Custom Programmable “Call for Service Screen”
  - Cartridge-Based seal and spacer design
  - Metered – Regenerates only when needed
  - Viewable System Information Includes:  
Current Flow Rate, Peak Flow Rate, Last Regeneration, Reserve, No. of Regenerations, Regeneration Interval, Daily Usage, Usage Since Last Regeneration, Last Setting Change, Total Volume Treated Through Unit and System Diagnostics
- High flow 1” or 1.25” connections and bypass

Note: Equipment Model, Size and Colors May Vary From Photo



CASCADIAN® AcidFIX™ 58X Series Automatic pH Adjustment System For Waters With pH 5.0 to 7.0						
Part #:	Tank Size (inch)	Height w/Valve (inch)	Std. Piping Size (inch)	^Service Rate GPM	*Backwash GPM Cold Water (<60°F)	*Backwash GPM Warm Water (>60°F)
ACIDFIX-095X	9 X 48	57	1	3 - 8	4	6
ACIDFIX-105X	10 X 54	66	1	3 - 11	5	7
ACIDFIX-125X	12 X 52	64	1.25	5 - 12	7	10
ACIDFIX-135X	13 X 54	66	1.25	6 - 16	8	12
ACIDFIX-145X	14 X 65	77	1.25	7 - 20	9	13
ACIDFIX-165X	16 X 65	77	1.25	8 - 25	12	17

- ^Peak service flow rate based on 5 minutes maximum duration.
- \*Pump Capacity MUST Meet or Exceed Required Backwash Flow Rate at 25 psi.
- A PolyHalt® cartridge or softener may be required after the AcidFIX™ system to reduce added hardness.
- Flow rates may be adapted to local conditions.
- Media requires periodic replenishing.

CASCADIAN® AcidFIX™ Media Kits					
Part #:	Media Kit Part #	Part #:	Media Kit Part #	Part #:	Media Kit Part #
ACIDFIX-095X	MKACIDF09	ACIDFIX-125X	MKACIDF12	ACIDFIX-145X	MKACIDF14
ACIDFIX-105X	MKACIDF10	ACIDFIX-135X	MKACIDF13	ACIDFIX-165X	MKACIDF16



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Use:	Raw water quality conditions:	Regenerant:	Possible ICS Alternative:
Raise pH	pH < 7.0 Turbidity <= 0.3 NTU Hardness <= 10 grains Iron <= 0.5 ppm Iron bacteria - none Manganese <= 0.25 ppm Tannins <= 0.2 ppm TDS <= 500	Water	Any ICS System that contains a "P" in the part number

### **CASCADIAN® AcidFIX™**

#### **Product Notes**

Low pH waters (pH less than 6.8) are corrosive and can lead to costly plumbing failures and damaged fixtures. AcidFIX™ systems will raise pH in waters with low pH. Unlike other acid neutralizing systems AcidFIX™ systems do not over correct the pH.

CASCADIAN® AcidFIX™ low pH adjustment systems are very simple. They use a sacrificial media that dissolves and raises the pH in waters. pH adjustment is self-controlling to about 7.0 – 7.2 as the media stops adjusting pH when the water is at about 7.0.

Because the media is sacrificial AcidFIX™ systems will require periodic replenishment of the media.

AcidFIX™ Systems must be backwashed frequently with enough flow to expand the media or they will end up with cemented beds that will fail as a pH adjustment system and the media will need to be replaced.

Systems may correct low pH problems at higher flow rates than stated in the operating specifications. The flow rate that they can operate at is determined by local water conditions.

Systems will add hardness to the water and may require a PolyHalt® cartridge or softener after pH adjustment to remove objectionable hardness.

