

THE IRON GENIE™

HOW DOES THE IRON GENIE WORK

When water enters the Iron Genie it passes through a bubble of compressed air that adds oxygen to the water. The introduced oxygen in the water contacts and oxidizes (converts) the dissolved iron, manganese, and sulphur into particles. The particles that result from the contact with the oxygen are trapped and held by the filter media. Iron, manganese, and sulphur free water now flows to the household plumbing. The trapped particles are held by the filter media until released and backwashed to a drain during the regeneration cycle.

The filter media does not change chemically during the filtering process, is not depleted, and will last for an indefinite period of time.

THE IRON GENIE COSTS VERY LITTLE TO OPERATE

The regeneration process is driven by oxygen, which is freely available in the air, and by the water pressure in your system. The Iron Genie's operating cost is only a few dollars a year in electricity.

Iron Genie model CSI1054 will remove up to 10 parts per million of iron.

Iron Genie model CSI1354 will remove up to 15 parts per million of iron.

MODEL CSI1054 service flow rate is 7 – 10 gallons per minute.

Regeneration Cycle	Minutes	Gallons Used
1) Backwash	10	70
2) Air Recharge	50	64
TOTAL	60	134

MODEL CSI1354 service flow rate is 10 – 13 gallons per minute.

Regeneration Cycle	Minutes	Gallons Used
1) Backwash	10	110
2) Air Recharge	60	64
TOTAL	70	174

USER FRIENDLY 💧 AFFORDABLE 💧 RELIABLE

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