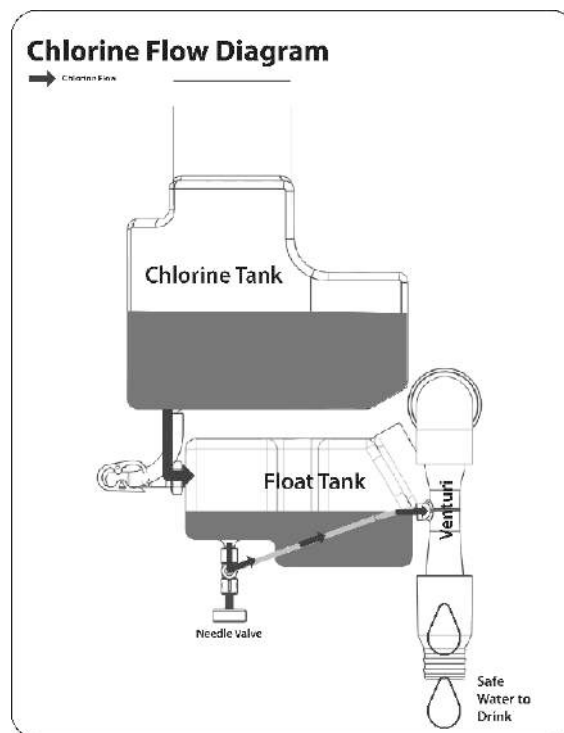
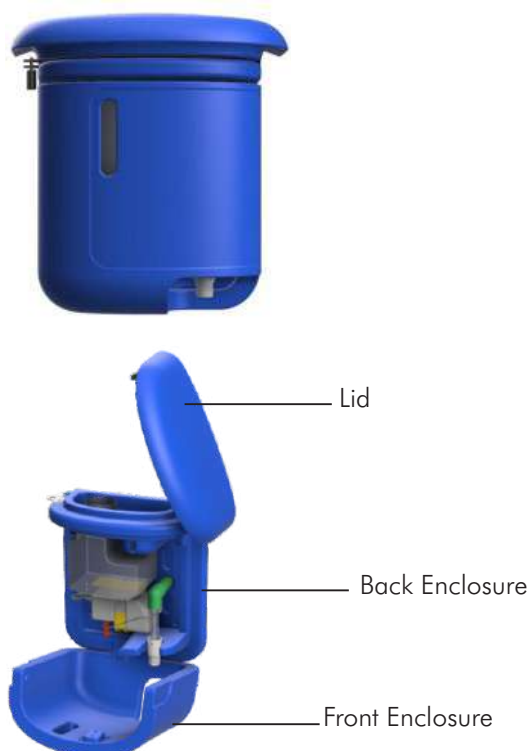




TURITAP

Chlorine Doser



Dayliff TuriTap is a drinking water chlorination technology which accurately doses liquid chlorine into water using the venturi principle which does not require electricity for operation. TuriTap can be installed on existing faucet or tap connections, such as from piped water, storage tanks, water kiosks, schools, and healthcare facilities. The outlet of the spout can be connected to a short hose (<1 meter), attached to direct flow into water containers. Connecting the outlet to a longer pipe can cause dosing inaccuracies. Dosing automatically adjusts with varying flow rates from 0.03 to 3.6m³/hr using the venturi principle. Chlorine concentration can be further adjusted using the TuriTap needle valve to provide an adequate level of treatment while meeting taste and required free chlorine level preferences. Liquid chlorine concentrations from 0.5% to 6.0% are preferred over powder or granular based chlorine which if not well mixed can cause dosing tube blockages and affect efficient operation.

The system is designed for gravity water flow installation such as the water dispenser ATMs, water vendor kiosks, community-based water points, health facility water points etc. The design features a wall mounted lockable plastic enclosure with a two-liter chlorine tank that supplies liquid chlorine to a float tank connected to the venturi system.

OPERATING CONDITIONS

Raw Water Quality: Ground Water or Municipal Water Supply, Turbidity <5NTU, Iron <0.3ppm Fe

SPECIFICATIONS

Liquid Chlorine Solution: Dayliff H₂O Guard (1.5% Sodium Hypochlorite)

Liquid Chlorine Concentration: 0.5- 6%

Operating Flow Rate: 0.03- 3.6m³/hr

Dosed residual Chlorine Concentration: 0-5 ppm (± 0.2ppm)

Optional Spout Connection: ¾" Hose, <1 m in Length