TRICKLE-FILL SYSTEM

440 L cylindrical

Upright · 116 US gal · with the DAB Esybox Mini 3 pump



Specifications

Code	TF-CY100-EB3
Capacity	440 L (116 US gal)
Footprint	23 1/8 in diameter (59 cm)
Tank height	68.35 in (174 cm)
Height with vent	Tank height plus the vent elbow
Water weight when full	440 kg (970 lb)
Tank	HDPE, cylindrical
Pump	DAB Esybox Mini 3
Power	120 V or 240 V

What is included

1. **HDPE storage tank**
   Polyethylene: does not rust or corrode.
2. **8 in lid**
   Hand-removable for inspection and cleaning.
3. **2 in vent**
   Lets the tank breathe. Can be piped outside.
4. **Float-operated fill valve**
   Closes as the water rises. No power, no sensor.
5. **1 in inlet with shut-off**
   Connects to the supply line. 3/4 in or 1/2 in on request.
6. **2 in overflow**
   Gravity line to a floor drain or outside.
7. **1 in pump feed with shut-off**
   Isolates the pump for service without draining the tank.
8. **DAB Esybox Mini 3**
   Variable-speed, constant-pressure pump, built-in VFD.

How it works

1

The supply fills the tank

Water enters through the float valve at whatever rate the supply can give.

2

Full tank, valve closed

The float lifts and shuts the valve mechanically. Nothing to program.

3

Open a tap, the pump wakes

The pump senses demand and draws from the tank, not the supply line.

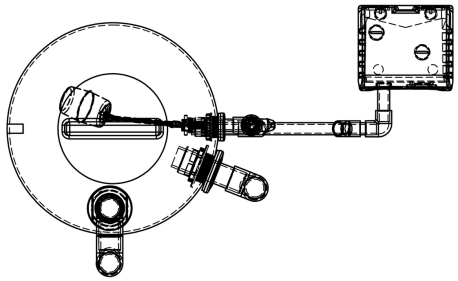
4

Overflow to drain

If the tank ever overfills, the 2 in overflow carries the excess away by gravity.

Dimensions

Upright · 440 L · dimensions on the drawing are in inches · the three views share one scale

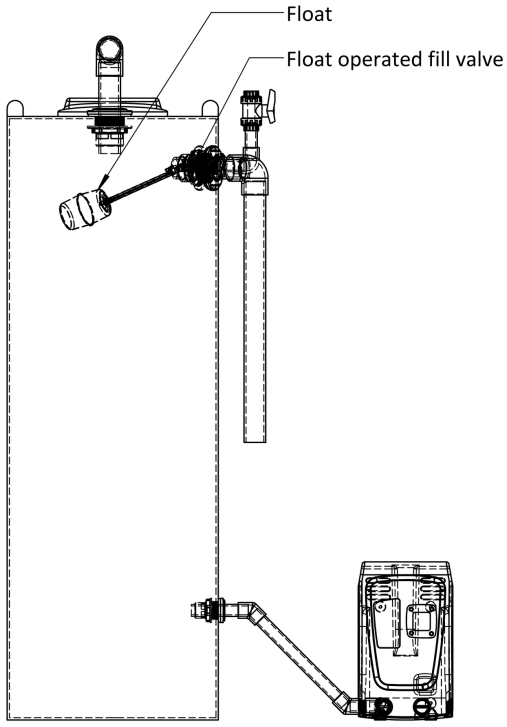


TOP VIEW

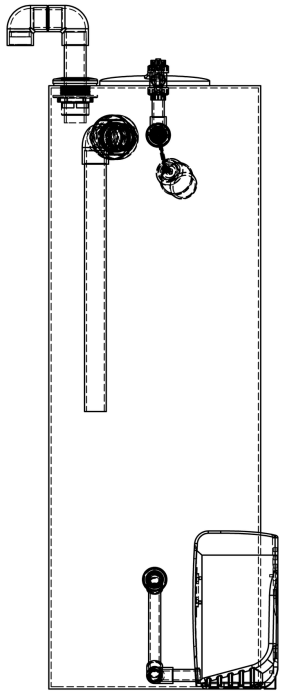
Key dimensions

Footprint	23 1/8 in diameter (59 cm)
Tank height	68.35 in (174 cm)

The vent height, pump outlet height and tank-to-pump spacing are not dimensioned on this model's drawing. Ask us if you need them.



FRONT VIEW



RIGHT SIDE VIEW

Good to know

- It stores and pressurizes water. It does not treat it.
- It needs a drain for the overflow and a 120 V or 240 V supply for the pump.
- Your existing supply stays, and now fills the tank through the float valve.
- Everything on the tank ships fitted. The installer supplies the connecting pipe.

Dimensions and capacities are nominal. Drawn by Cleanflo Water Technologies Inc.
Installation and operation manual, and the sheets for the other sizes: rainwatercollectionsupply.ca/product/trickle-fill-system