

Zero Gravity Pump

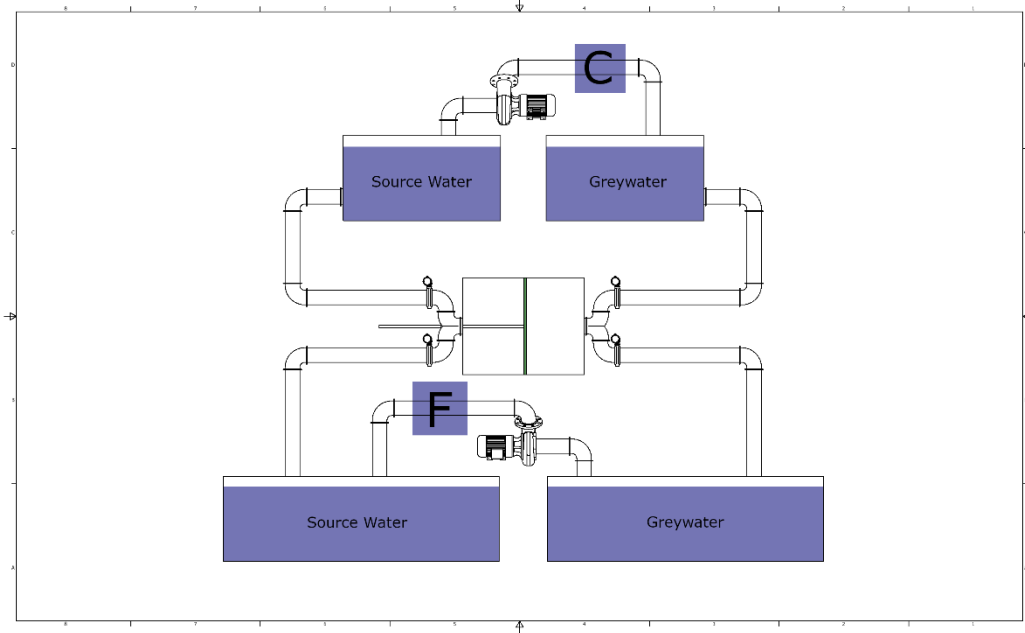
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Using the Zero Gravity Pump for general consumption

The Zero Gravity Pump operates perfectly for water supplies.

Usually most of our daily water consumption is "Net Zero" when taking a bath, using the toilet, washing dishes or showering. Compared to our consumption (e.g. drinking water), the majority of our usage is "Net Zero".

Pure consumption as watering lawns and plants, washing your car etc. is a water consuming operation, but is not common usage in cities.



Low energy use

When the consuming pump is using water for some consumption (C = showering), and the upper valves are open, the level difference will force the piston to the left.

When the source water is depleted (piston all the way to the left), you can close the upper valves and open the lower valves use the filling pump (F = filter or filling), and the piston will move to the right.

Combined with a traditional pump, pure consumption can be replaced, and the Zero Gravity Pump handles the "Net Zero" consumption.

Energy use by lifting water will be extremely low!