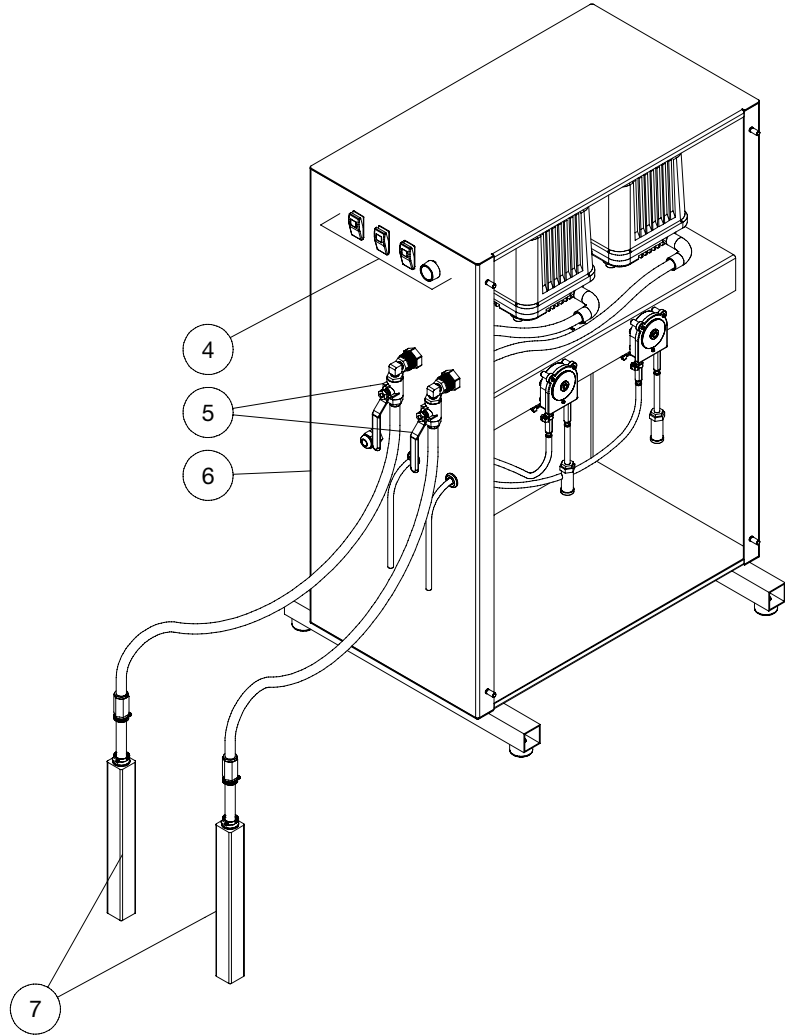
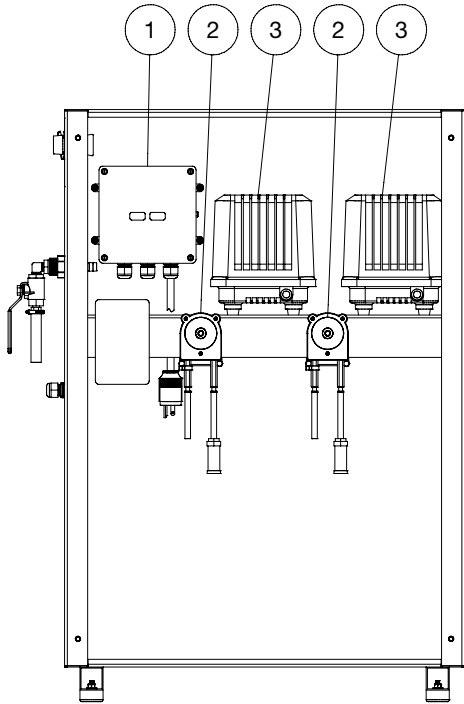


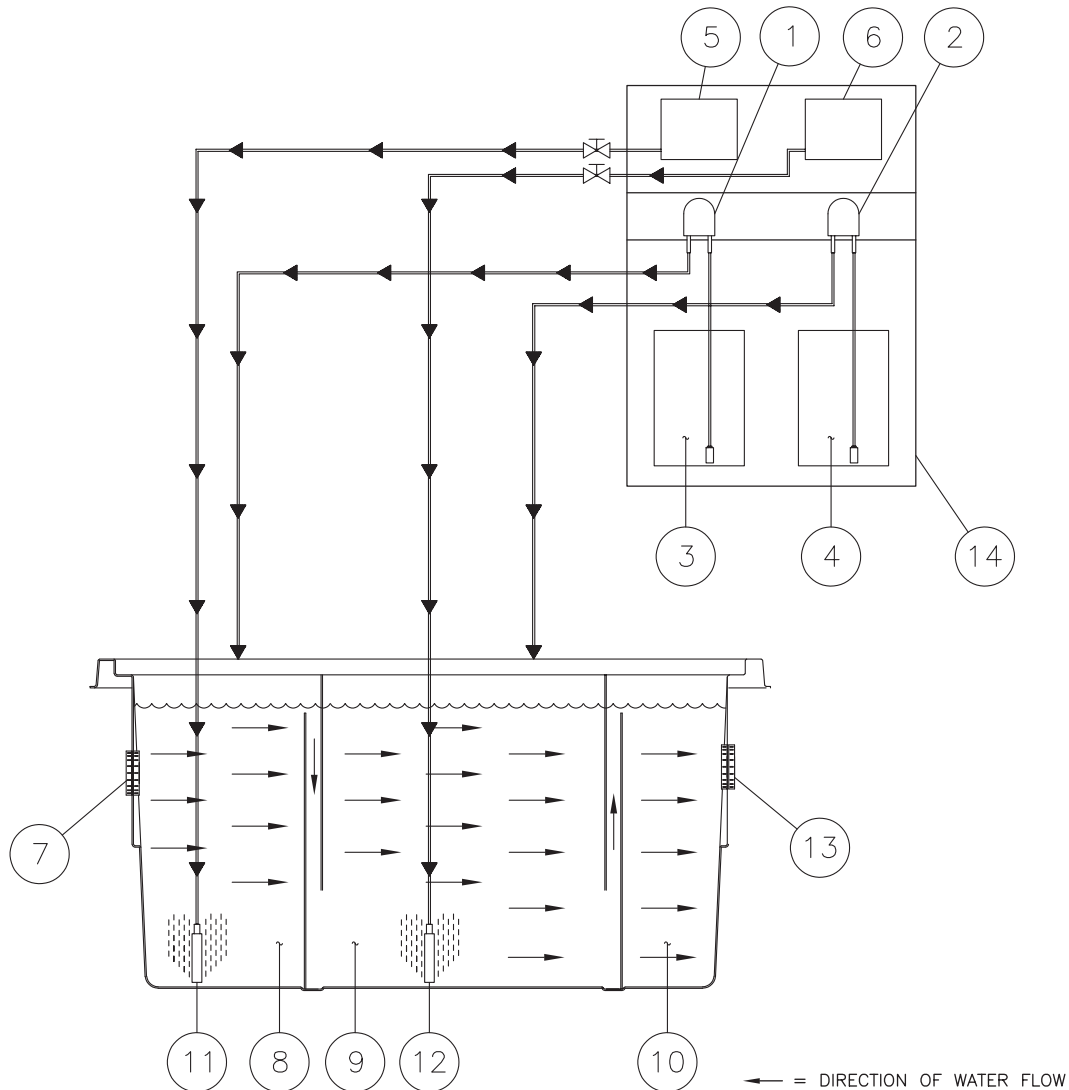
FEATURES

BPS-120M FEATURES 020419 MLT



1. Control Timer Housing
2. Peristaltic Pump
3. Linear Air Pump
4. Power/Control Switches
5. Airflow Control Valves
6. BPS Cabinet
7. Air Stones

FLOW CHART



Housed inside a **Control Cabinet (14)** are two **Peristaltic Pumps (1&2)** and two **Air Pumps (5&6)**. **Liquid Bacteria (3)** and **Bio Enhancer Nutrient (4)** are fed through **Peristaltic Pumps (1&2)** into an in-ground pit or water storage vessel. Air from the **Air Pumps (5&6)** is pumped through **Ceramic Air Stones (11&12)** and into the waste water providing an aerobic environment for the bacteria to digest contaminants. As waste water flows into the **First Chamber (8)** of a three stage pit through the **Pit Inlet (7)** it comes into contact with the air and bacteria starting the digestion process. Then the water flows into the **Second Chamber (9)** and is treated with bacterial nutrients and more air which aids in bacteria reproduction and further digestion of water contaminants. The cleaned water then flows into the **Final Chamber (10)** and is discharged through the **Pit Outlet (13)** for further treatment or disposal to sanitary sewer.