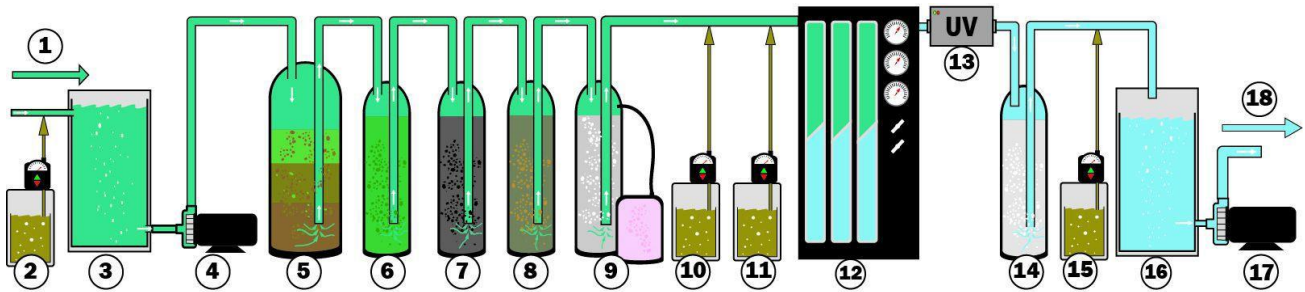


Commercial Reverse Osmosis System Diagram

Engineered in USA by Pure Aqua, Inc.



1	Feed raw water
2	Pre-chlorination dosing system
3	Raw water storage tank
4	Feed and backwash pump
5	Multi media filter for turbidity and suspended solids reduction
6	Green sand filter for iron and manganese reduction (when Fe or Mn is high)
7	Activated carbon filter for chlorine, odor, taste, organic removal
8	Birm filter for iron and manganese reduction (when Fe or Mn is low)
9	Water softener for hardness reduction
10	Antiscalant dosing system
11	Dechlorination dosing system
12	Commercial reverse osmosis system
13	Ultraviolet sterilizer UV system
14	Calcite filter for post pH neutralization
15	Post chlorination dosing
16	Product water tank
17	Repressurization pump
18	Treated water to use