

	Microfiltration	Ultrafiltration	UV	Thermal treatment	SuMeWa SYSTEM
Disinfection efficiency					
Bacteria	+	++	++	++	++
Virus	-/+	+	++	++	+
Protozoa	+	++	-/+	++	+
Removal of particulate matter	Yes	Yes	No	No	Yes
Decoloration	-	+/-	-	-/+	+
Residual disinfectant	No	No	No	No	Yes
Controllabilty of water quality	No	No	No	No	Yes
Handling	+	-/+	-	++	+
Maintenance cost	Medium	High	High	Very low	Low
Investment cost	Medium	High	High	Very low	High
Consumption of Energy	Medium	High	High	Very high	Low
Running costs	Medium	Very high	Very high	Very high	Low

Source: collection of different sources among them WHO 2008, Röske 2006 and own assumptions