

PRODUCT COMPARISON

	REVERSE OSMOSE	ACTIVE CARBON	PROVITE PROAQUA 4200
Removing of NITRAT	YES	NO	YES
Removing of Heavy metals	YES	NO	YES
Removing of bacterias and micro organism	YES	partly (only in combination with UV light or membran filter	YES
Removing of chlorine	YES	YES	YES
Removing of organic connections (hormons, medicines)	YES	partly - only short chain molecules	YES
Removing of viruses	YES	NO	YES
Removing of radioactive substances	YES	NO	YES
Removing of limestone	YES	NO	YES
Removing of Ammonium	YES	NO	YES
Retrograde, potential bacteria problem after filtration	very high	very high	NO
Regeneration through customer	NO	NO	YES
waste water	very high - to produce 1000 L, you need 4000 L of water	NO	very slight - to produce 1000 L, you need approx. 30 L for regeneration
maintanance costs / year	approx. 120 - 200 €	approx. 110 €	5 €
maintanance costs / 5 years incl.desinfection	up 3000 €	approx. 500 €	approx. 350 €
emission of softeners from the plastic filter housing	YES	YES	NO
demineralized water	YES	NO	NO
reduction of electrolyte metabolism	YES	NO	NO
change of ph value	produces acid drinking water pH value approx. 5,5 - 6,5	ph value stays unchanged	ph value stays unchanged
aggressivity of filtered water	very high	NO	NO