

Comparison Chart of Portable Water Purification Systems

Product Name:	Origin	Technology	Retail Price	WEIGHT	Replacement filters	Certifications Claimed	Flow rate - gallons	flow rate -Liters	capacity per day gallons*	Capacity per day liters	total capacity/ gallons	cost per gallon	power source	Comments:
							per hour or cycle	per hour	(operated 12 hours a day)		until rated life is over or until filter change	per replacement or filter		
Big Berkley	US filters, Not Housing	Filtration	\$289.00	9 lbs.	\$104.00	none	7	15	42	159	6000	\$0.03	gravity	Requires constant filling of reservoir. Total rated capacity is 6,000 gallons then filters must be replaced. Lifetime warranty on hardware and reservoir
Katadyn KFT Expedition Water Filter	Switzerland	Filtration	\$1,400.00	12 lbs.	unknown	some European lab tests	1	4	an	an	26000	\$0.05	manual	User must continually manually pump a handle to get water.
Roving Blue	USA	Filtration + Carbon Block + Ozone Disinfection	\$3,495.00	< 25 pounds	\$99.00	none	15.85	60	190	719	800	\$0.12	12 Volt Battery + solar (option)	Transport-Ready ruggedized case. User drops intake hose into water source, presses "on" button, produces desired amount of water. 1 year warranty.
DROP (Disaster Ready On-Site Purifier)	USA	Filtration	\$5,385.00	36 lbs	unknown	none	180	681	2160	8176	1400	\$0.38	solar + 12V battery	Has delivered units to needy folks in Haiti
SAFH20 UV Survivor	USA	Filtration + UV Disinfection	\$675.00	38 pounds	unknown	none	2.9	10.9	2088	7904	1900	\$0.35	12V	Small manufacturing operation. (No Distributors or Dealers, no advertising other than website).
Aqua Sun Responder S & Responder A	USA	Filtration + UV Disinfection	\$3700 (w/comparable options)	30 & 50 pounds	unknown	NSF & FDA on Filters	60	227	600	2271	NA		12V or Solar	Distributor-produced product, Low dealer markup (11%), no factory rep incentives, no support dealer network
Darley AO (Advanced Oxidation Module)	USA	oxidation+filtration+carbon block	\$8,000	60 lbs	unknown	WQA			1000					Distributor-produced product, Low dealer markup (11%), no factory rep incentives, no dealer support network
Seldon Waterbox	USA	Nano-Mesh filtration	\$7,900.00	76 Pounds	unknown	NSF P248	0.5	2	360	1363	6000		12V battery (included)	NSF P248 certification achieved. 3X+ heavier than Roving Blue and 3x as expensive
Aspen 1800BC	USA	UV	unknown	50 pounds	unknown		75	285	1800	6814	7500		Operates on 90 to 260 volts AC at 50 or 60 hertz, virtually any international	through an external screen. The second stage removes harmful microorganisms such as paramecium, amoeba, giardia, cryptosporidium and other small matter down to 1 micron in size.
DIVVY 250 Emergency Water System	USA		\$8,499.99	211 pounds		NSF	250	950	2500	9464	20000		manual	chlorination" and micro filtration. - See more at: https://www.espwaterproducts.com/divvy-250-emergency-water-system-67507/#sthash.szg3oip6.dpuf
Global LS3		UV	\$7,200.00	50 pounds			60						AC, DC, solar, Foot Pump	particle,andsomemicrobialpathogenreduction;oxidationreduction(re dox)forchemical reduction;carbonadsorption,bothforchemicalcontaminantandtastea
Noah Water Trekker	USA	UV	\$1,195.00	26.5 pounds		Individually rated NSF compenents	60	228	600		9200	\$0.12	12 Volt Battery from any source	Any company correspondence was last dated in April 2013
TRUNZ Survivor 300	Sweden	Ultra Filtration Membrane	\$7,800.00	110 lbs.	unknown	some NSF and BioVir Claims**	47	180	564	2135	unknown		solar + 12V battery +	wants to be a distributor for Roving Blue once it is available.