

## Design Specifications

Flow Rate 1 Δ bar .....	19.3 Lpm
Pressure Range .....	1.0 – 8.6 bar Dynamic Pressure
Temperature Range .....	2 – 65° C
pH Range .....	.5 – 10 SU
Free Chlorine Cl <sub>2</sub> (Max.) .....	2.0 mg/L
Hardness as CaCO <sub>3</sub> (Max.) .....	513 mg/L
Meter Disc .....	5
Module.....	#7147

## System Components

Media Vessel (Qty.) Size .....	(2) 152 x 330 mm
Media Vessel Construction .....	Fiberglass Wrapped Polypropylene
Empty Bed Volume .....	4,5 liters
Media Type .....	High Capacity Fine Mesh Cation Resin
Media Volume .....	4.5 liters
Bed Depth .....	Packed
Free Board .....	None
Riser Tube .....	25 mm ABS
Upper Distributor .....	0.23 mm Slots, Engineered Plastic Basket
Lower Distributor .....	0.19 mm Slots, Engineered Plastic Basket
Under bedding .....	None
Regeneration Control .....	Non-electric Use Meter
Flow Configuration .....	Alternating
Regeneration Type .....	Countercurrent
Salt Capacity(Blocks).....	8 kg
Meter Type .....	2 – 57 Lpm Polypropylene Turbine
Nozzle Type .....	Standard Nozzle #1230

## Connections

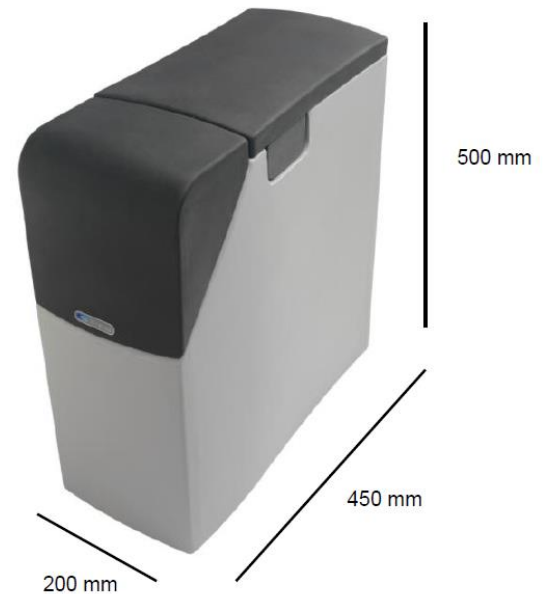
Inlet / Outlet Connections .....	Custom Adapter and Bracket
Drain Connection .....	0.375" Tube
Brine Line Connection .....	0.375" Tube (internal)
Overflow Connection .....	0.625" Tube
Power .....	None

## Part Numbers

Aquakinetic HT With Castors.....	110064
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## Dimensions and Weight

Height .....	500 mm
Width .....	200 mm
Depth .....	450 mm
Shipping Weight .....	21 kg
Operating Weight.....	39 kg



## Regeneration Specifications @ 2bar

Regeneration Volume .....	34 liters
Regeneration Time .....	11 minutes
Backwash Flow Control .....	5,3 Lpm #1053
Brine Refill Flow Control.....	1,2 Lpm #1036

Disc Selection  
(Compensated Hardness\*)

Setting	Dosing	Meter Disc	1	2	3	4	5	6	7	8
0,45 kg	0,1 kg/l	ppm	64	127	189	249	323	388	448	507
		°dH	4	7	11	15	19	23	26	30
		°fH	6	13	19	25	32	39	45	51
		gpg	3	7	11	14	18	22	26	29

Liters/Regeneration	2207	1103	736	552	441	368	315	276
Gallons/Regeneration	583	292	194	146	117	97	83	73

Compensated Hardness in gpg=Hardness+ (3 x Fe in mg/L)