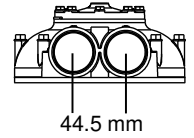


Design Specifications

Flow Rate 1 Δ bar.....	22,7 Lpm
Flow Rate 2 Δ bar.....	38,2 Lpm
Pressure Range	1.0 – 8.6 bar Dynamic Pressure
Temperature Range	2 – 50° C
pH Range	5 – 10 SU
Free Chlorine Cl ₂ (Max.)	2.0 mg/L
Hardness as CaCO ₃ (Max.)	496 mg/L



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	0.30 mm Slots, Engineered Plastic Basket
Lower Distributor	0.23 mm Slots, Stainless Steel Flat Plate
Under bedding	None
Regeneration Control	Non-electric Use Meter
Flow Configuration.....	Alternating
Regeneration Type	Countercurrent
Salt Capacity	8 kg
Meter Type	1.9 – 56.8 Lpm Polypropylene Turbine

Connections

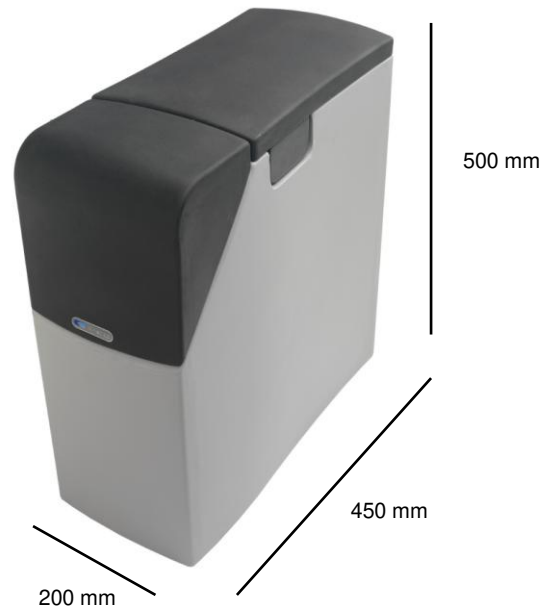
Inlet / Outlet Connections	Custom Adapter and Bracket
Drain Connection.....	0.375" Tube
Brine Line Connection	0.375" Tube (internal)
Overflow Connection	0.625" Tube
Power	None

Part Numbers

AquaKinetic HF	110063
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Dimensions and Weight

Height.....	500 mm
Width.....	200 mm
Depth	450 mm
Shipping Weight	18 kg
Operating Weight.....	36 kg



Regeneration Specifications

Regeneration Volume.....	24 liters
Regeneration Time	11 minutes
Backwash Flow Control	2,7 Lpm
Brine Refill Flow Control	1,2 Lpm

Disc Selection (Compensated Hardness*)

Setting	Dosing	Meter Disc	1	2	3	4	5	6	7	8
0,45 kg	0,1 kg/L	*dh	4	8	11	15	19	22	25	29
	Liters/Regeneration		2280	1140	760	570	456	378	325	285

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