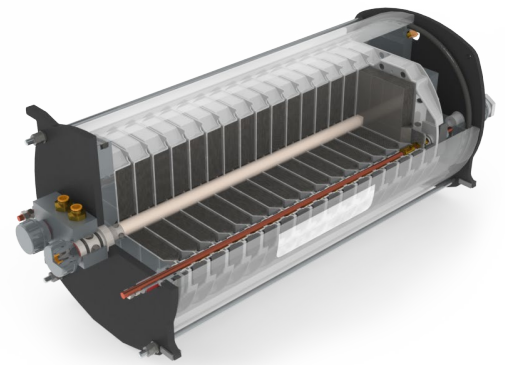


## From the Inside-Out

The composition of Voltea’s CapDI Modules is the **game-changing** piece of our patented technology. Our modules are comprised of electrode stacks, where ion removal takes place by means of an electric field.

Our modules operate on a range of flows and feed water salinities, allowing implementation into a host of applications. Simple electrical terminals and water connections allow easy installation and service.

The composition of our smallest and pilot-testing Development Kit (DK) Systems include a Custom Module or VS-Series Module, while our largest Industrial Series (IS) Systems include our Industrial Series (IS) Modules, shown here. Our DiUse PoU Systems couple with the DiUse Module, and the DiEntry Module is used in our DiEntry PoE Systems.

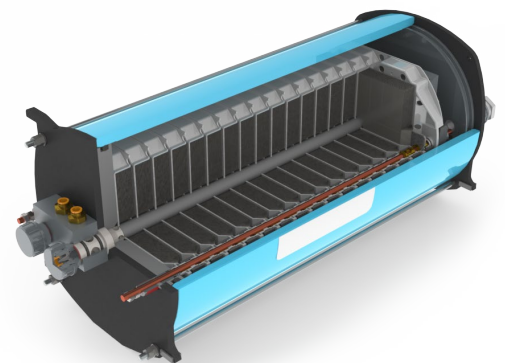


IS Module (Internal Views)

## Voltea’s Innovative Modules

There are four module sizes for Voltea’s Systems, all depending on flow rate, feed salinity and targeted purified water quality. These modules have a different number of electrode “stacks” in each configuration.

CapDI System Modules are configured for both high temperature and ambient temperature applications.



IS Module (Internal View)



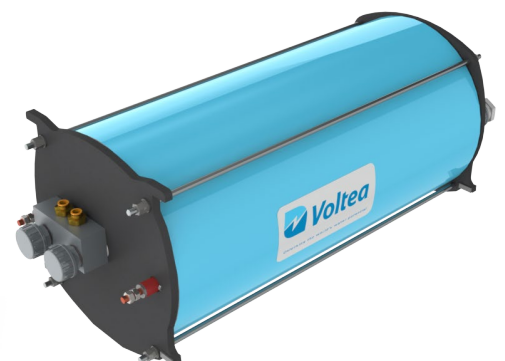
Custom Module



DiUse Module



DiEntry Module



IS Module

# CapDI MODULE TECH SPECS

Module	Custom	DiUse	DiEntry	IS
<b>Length</b>	28 cm (11")			
<b>Width</b>	28 cm (11")			
<b>Height</b>	32 cm (13")	35 cm (14")	53 cm (21")	70 cm (28")
<b>Weight</b>	20 kg (44 lbs)	25 kg (55 lbs)	50 kg (110 lbs)	60 kg (132 lbs)
<b>Feed Inlet Coupling</b>	1/2" union	3/8" push fit	1/2" push fit	1/2" union
<b>Product Outlet Coupling</b>	1/2" union	3/8" push fit	1/2" push fit	1/2" union
<b>Electrical Connections</b>	2 x M8 fine threaded copper rods			
	<b>Operational Requirements</b>			
<b>Instant Flow Rate*</b>	0,2 - 5 L/min (0.05 - 1.3 gpm)	0,4 - 6,3 L/min (0.1 - 1.7 gpm)	1,2 - 15 L/min (0.3 - 4 gpm)	0,1 - 1,3 m <sup>3</sup> /hr (0.4 - 5.8 gpm)
<b>Net Produced Flow*</b>	0,1 - 3 L/min (0.03 - 0.8 gpm)	0,2 - 4 L/min (0.05 - 1.1 gpm)	0,8 - 12 L/min (0.2 - 3.2 gpm)	0,1 - 0,8 m <sup>3</sup> /hr (0.4 - 3.5 gpm)
<b>Maximum Pressure</b>	10 bar (145 PSI)			
<b>Water Temperature</b>	5 - 60 °C (40 - 140 °F)			

*\*Flows are unimpeded and may be limited by system specs. Ranges modeled on 320 ppm TDS at 50% removal.*