DiUse©

CapDI DiUse
Point-of-Use (C-5 Module)

Design and Scope of Supply

- DiUse user manual
- Chemical container and containment tray
- Membrane Capacitive Deionization module
- Built-in monitoring; flow, conductivity, module voltage
- Automated cleaning triggered by cycles; timed or manual

DiUse Features

- Automated System CIP (Clean-In-Place)
- Voltea Remote Monitoring and Control Available

Pure Outlet Conductivity Meters	0 - 10 mS/cm
Total Flow Meter	0 - 10 L/min (0 - 2.6 gpm)
Module Pressure	0 - 6 bar (0 - 90 psi)
User Interface	Built-in Display

Performance	Produced Flow Rate*	0,6 - 2,9 L/min (0.2 - 0.8 gpm)
	Instant Flow Rate*	1 - 5 L/min (0.3 - 1.3 gpm)
	Salt Removal	25 - 95 %
	Water Recovery	40 - 95 %
System Specification	Average Power Requirements	0.13 kW, Single - Phase (110 - 240 V AC / 50 - 60 Hz)
	System Dimensions (L x W x H)	0,32 x 0,43 x 0,64 m (1’0” x 1’5” x 2’1”)
	Power Output to Modules	0 - 65 A / 0 - 2 V DC
	Weight**	17 kg (37 lbs)
	Feed Inlet Coupling	3/8” push fit
	Product Outlet Coupling	3/8” push fit
	Concentrate/Waste Outlet Coupling	3/8” push fit
Operational Requirements	Water Feed Pressure	4 bar (55 - 60 psi)
	Water Pressure Produced***	≤ 6,5 bar (95 psi)
	Operating Ambient Air Temperature	< 35 °C (< 95 °F)
In/Out Puts	Start / Stop	Pressure switch (standard) or external signal (24 V DC)
Cleaning	Procedure	Automated chemical cleaning
	Control (Auto/Manual)	Automatic: on cycles of operation (delay to a specific time of the day available) Manual: can be started manually
	Storage	1 L chemical container
Controls	Remote Control / Data Monitoring	Flow, pressure, conductivity, voltage, current (internet or local)
	Parameter Change	Local

*Depends on TDS reduction and water recovery
**Weight without module
***Depends on flow target