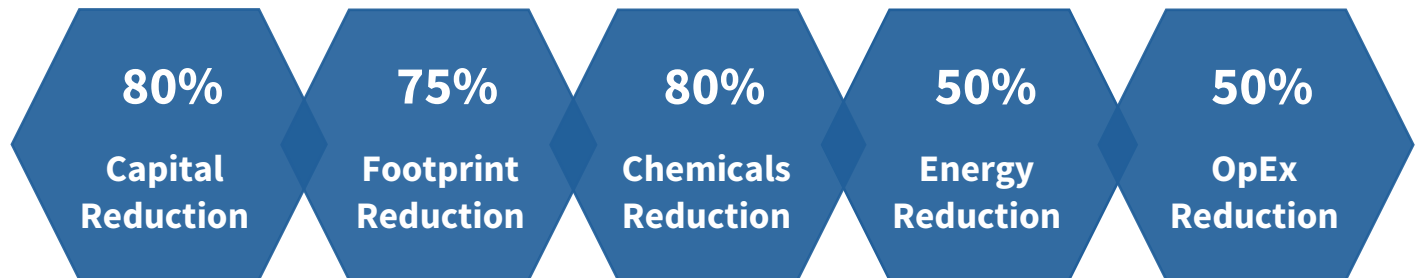


Better Water at Lower Cost

Proven **C**ontinuous **U**ltra **F**iltration Performance



- ✓ All Weather Performance Capability
- ✓ The Platform is the Plant
- ✓ Zero Liquid Discharge
- ✓ 250 GFD on Surface Water
- ✓ Multi-Contaminant Removal Capacity
- ✓ Lowest O&M Cost Structure
- ✓ Fully Automated
- ✓ >99% On-Line Duty
- ✓ Continuous Self Cleaning
- ✓ NSF/ANSI/CAN 61-372 Compliant
- ✓ LT2ESWTR Compliant
- ✓ Reduced Complexity
- ✓ No End Life of Membrane
- ✓ 50% Less Coagulant
- ✓ In-Situ Concentrated Sweep Floc
- ✓ Low-Cost Marker Based DIT
- ✓ Twice the DOC Removal
- ✓ Best Warranty
- ✓ Eliminates Backwash Process
- ✓ Eliminates Backwash Tank
- ✓ Eliminates Clarifier
- ✓ Eliminates Flocculation & Polymer
- ✓ Eliminates Clean In Place (CIP)
- ✓ Eliminates Membrane Replacement
- ✓ Eliminates Filtrate Loss
- ✓ Eliminates Pre-Treatment
- ✓ Eliminates Chloramines
- ✓ Eliminates Permanganate
- ✓ Eliminates Temperature Constraints
- ✓ Eliminates Jar Testing
- ✓ Eliminates Bubble Decay Integrity Test
- ✓ Eliminates DIT Volumetric Concentration
- ✓ Eliminates Filter Press
- ✓ Eliminates 0.3 Micron Prefilter
- ✓ Eliminates Pressure Constraints
- ✓ Eliminates pH Constraints





- ✓ Constant Flux Capability
- ✓ Allows Free Chlorine Use
- ✓ Reduces Cl_2 Demand
- ✓ 5.7 LRV Approval
- ✓ THM & HAA Compliance
- ✓ All Filtrate to Distribution
- ✓ Minimal Operator Requirement
- ✓ Continuous Flow
- ✓ 99.99% Feed Water Recovery
- ✓ Accepts Feed Pressure 0-150 psi
- ✓ Most Hydrophilic Membrane (SiC)
- ✓ Exceptional Cold-Water Performance
- ✓ Lower TMP & X Pressure
- ✓ Factory Acceptance & Review
- ✓ Factory Training Prior to Shipment
- ✓ Taste & Odor Removal
- ✓ In-Situ Coagulation
- ✓ In-Situ Oxidation
- ✓ In-Situ Reduction
- ✓ Virtually Indestructible
- ✓ Flexible Design Can Incorporate Carbon
- ✓ 5th Generation 100% SiC Ceramic Membrane
- ✓ Eliminates Cleaning Constraints
- ✓ Eliminates Prorated Warranty
- ✓ Eliminates Irreparable Fouling
- ✓ Eliminates Coagulant Breakthrough
- ✓ Eliminates Onsite Fabrication
- ✓ Eliminates Continuous Operator Adjustments
- ✓ Eliminates Composite Ceramic
- ✓ Eliminates Air Sparging
- ✓ Eliminates Intermittent or Batch Processing
- ✓ Eliminates Ion Exchange (SIX)
- ✓ Eliminates Flux De-Rating Due to Cold Water
- ✓ Eliminates Primary Disinfection
- ✓ Eliminates Dead-End
- ✓ Eliminates “Just a Filter”
- ✓ Eliminates Pinning
- ✓ Eliminates Charge Neutralization
- ✓ Eliminates Risk of Cross-Contamination
- ✓ Eliminates Complexity/Confusion
- ✓ Eliminates UV
- ✓ Eliminates Membrane Preservative
- ✓ 0 to 100% Turndown Capability

Learn More: <https://www.youtube.com/watch?v=bs1vtEjZjbw>





Typical Contaminant Removal Performance

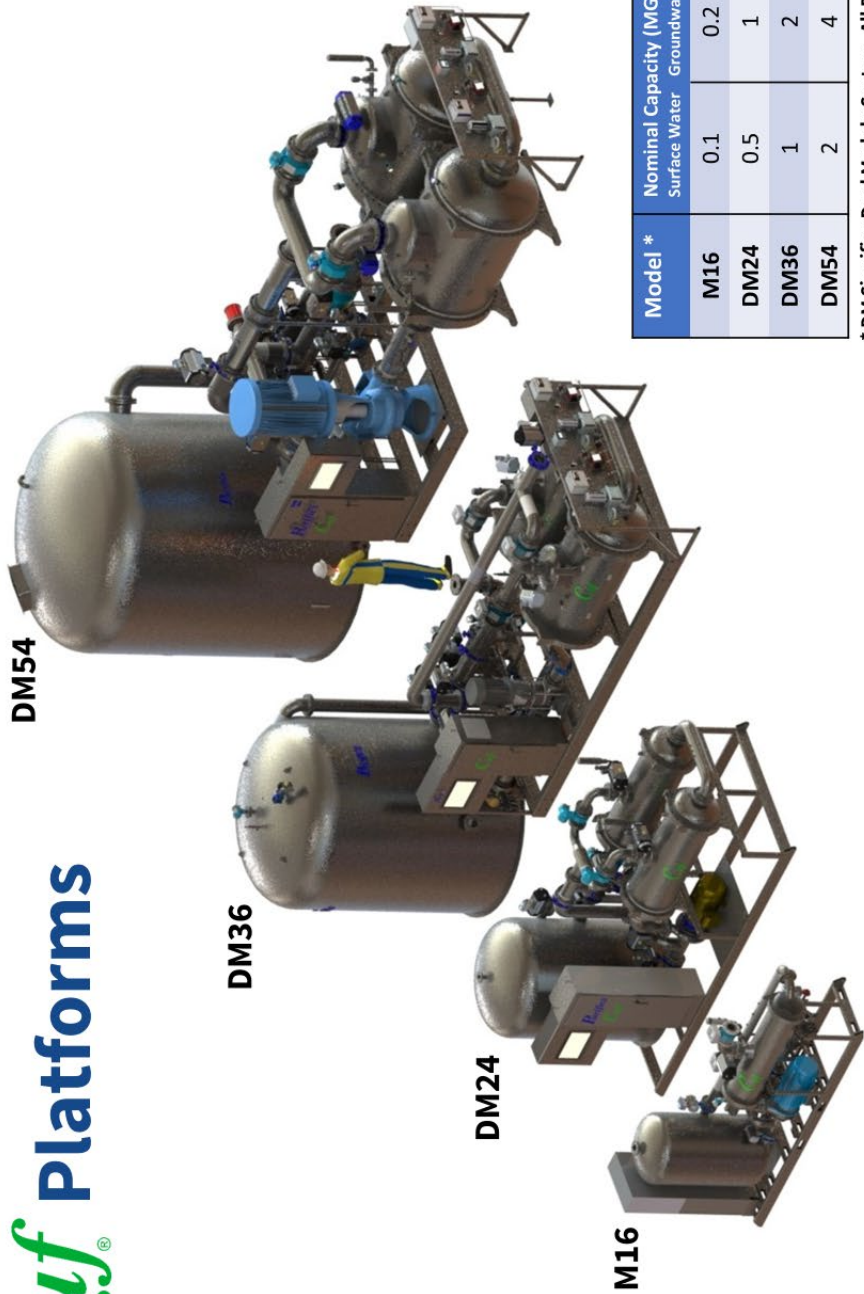
Contaminant (ppb)	Method
E. coli/Crypto	Marker DIT
Aluminum	pH>6.5
Antimony	Ox / DO
Arsenic	Ferric
Barium	Ox / DO
Beryllium	Ox / DO
Cadmium	Ox / DO
Chromium (6)	Red/Calmet
Cobalt	Ox / DO
Color (CU)	ACH/CSF
Complexed Copper	Red/Calmet
Copper	Ox / DO
DOC/TOC (ppm)	ACH/CSF
THM/HAA	ACH/CSF
Fluoride	Alum
H ₂ S	Chlorine
Hardness	NaOH or Lime
Iron	Ox / DO
Lead	Ox / DO
Manganese	Ox / DO
Mercury	Ox / DO
Molybdenum	Ox / DO
Nickel	Ox / DO
PFAS (ppt)*	CAC
Phosphorus	Alum or ACH/CSF
Radium 226/228	HMO
Selenium	Red/Calmet
Silver	Ox / DO
Thallium	Ox / DO
Tin	Ox / DO
Uranium	Ox / DO
Vanadium	Ox / DO
Zinc	Ox / DO

***Also removes EDCs, PPCPs, BTEX, & 1-4 Dioxane**





Cuf® Platforms



Model *	Nominal Capacity (MGD)		L x W x H
	Surface Water	Groundwater	
M16	0.1	0.2	10' x 2.5' x 6'
DM24	0.5	1	15' x 6' x 8'
DM36	1	2	22' x 8' x 10'
DM54	2	4	28' x 12' x 12'

* DM Signifies Dual Module System. All DM Platforms can be supplied as M platforms only and be expanded to DM at future date.

