





HyperLogic®
Professional Water Filtration

INDUSTRY-LEADING WATER TREATMENT SOLUTIONS

HyperLogic®
A DIVISION OF
HydroLogic®
PURIFICATION SYSTEMS



Mission

HyperLogic (the commercial division of HydroLogic) recognizes the responsibility inherent in our name by building the world's most innovative, efficient and professionally designed water purification systems. Our commitment to delivering sustainable pure water solutions for any application is unmatched, as is our dedication to providing our clients a superior customer service experience. When it comes to your growing success, nobody understands water like we do.

THE LOGIC

- REVERSE OSMOSIS
- COMPLETE AUTOMATION
- REVERSE RATIO
- FLOW CONTROL
- EXPANDABLE CAPACITY
- FULL CUSTOMIZATION



REVERSE RATIO TECH

MAXIMIZE WATER CONSERVATION

Reverse Ratio is a technology designed to dramatically minimize waste water. Our unique recirculation method recycles Reverse Osmosis waste water back through the industrial-grade membranes, improving efficiency and allowing for waste to product water ratios unmatched by other RO systems. Instead of the typical 4:1 waste to product water ratio, the HyperLogic is capable of the reverse: an extraordinary 1 part waste to 4 parts RO product water. As water conservation efforts increase, HyperLogic has solutions to help keep your business sustainable.





SCALABLE SOLUTIONS

Have a plan to expand? HyperLogic provides modular, scalable solutions for your entire facility's water management needs, allowing your company to grow while keeping upfront costs low. As your water demand increases, our commercial line can be easily upgraded by installing additional RO membranes. As regulations advance and water conservation becomes essential, our modular Nutrient Runoff Filtration System or Condensate Reclamation technology can be integrated into your facility and reduce total water usage by 50-80%.



CUSTOMIZED PLUG & PLAY SYSTEMS

The Plug & Play Skid Assembly is a turn-key solution that comes equipped with everything needed for any water source to produce a continuous, reliable output of pure water. All the equipment comes fully assembled, pre-plumbed, wired, programmed, leak and performance tested. Each Plug & Play System is specifically designed to your site's unique water chemistry. Installation is refined and greatly simplified, reducing startup costs and minimizing the need for extensive service contracts.

CASE STUDY

Problem: Inconsistent, chlorinated high PPM city water

Solution: HyperLogic City Water Skid

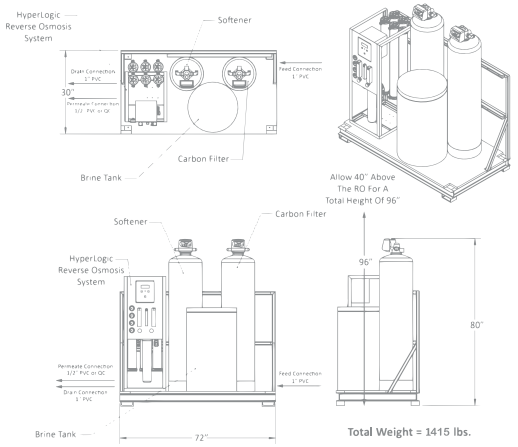


Example of a custom skid

City Water Skid

This fully automated Plug & Play System will purify any city water source and create a stream of consistently low PPM water.

- 4,000 GPD RO Unit
- Carbon Filter for Chlorine Removal
- Water Softener for Hardness Mitigation
- Triple Monitoring Cross/Test Ports
- Stainless Steel Multi-Stage Pump
- Dimensions: 72" x 30" x 96" : 1,415 lbs











CUSTOMIZATION

From tap to plant, HyperLogic technologies can solve even the toughest water management problems. Our proven solutions are designed to address your facility's specific needs. The range of our custom engineered systems include pre-filtration, reverse osmosis, storage tank UV recirculation, re-pressurization, distribution, nutrient runoff filtration and condensate reclamation systems.



AUTOMATION

CONTROLLER

Total automation of every stage in the water purification process allows for intuitive control and minimal maintenance. On-demand performance metrics provide instant feedback on input and output water quality, contaminant rejection percentage, system pressures, and precise flow rates to ensure that the highest quality product water is consistently flowing. In a professionally designed facility, total control of every input is the key to success.

BENEFITS OF PURE WATER

IMPROVED PRODUCT PURITY
HEALTHIER ROOT ZONES
STABILIZED PH LEVELS
MAXIMUM NUTRIENT BIOAVAILABILITY
REDUCED RISK OF NUTRIENT LOCK-OUT
SUPPORTS BENEFICIAL MICROBIOLOGY
CONSISTENT NUTRIENT FORMULAS
ACCELERATED GROWTH RATES AND INCREASED YIELDS
ELIMINATES UNKNOWN VARIABLES

In a competitive market, total control of every input is crucial to achieving competitive results. A professionally designed water management system minimizes problems related to irrigation/fertigation, allowing more time and resources allocated to producing top-quality yields. There's no place for second best in the market, and the cost to ensure consistent, pure water is a minimal investment with big returns.



SOLUTIONS

WATER CONSERVATION
REGULATORY COMPLIANCE
NUTRIENT RUNOFF RECLAMATION
CONDENSATE WATER RECLAMATION
CONTAMINANT/TOXIN REMOVAL
SUSTAINABILITY TECHNOLOGY
WASTEWATER REMEDIATION
AUTOMATED FERTIGATION COMPATIBILITY
NON-RO/MEDIA FILTRATION OPTIONS

The evolving landscape of water regulations requires smart and efficient infrastructure choices that keep costs low and help ensure a successful future for your business. HyperLogic's cutting edge technology provides sustainable, automated water management solutions, while reducing both start-up and operational expenses.

COMMERCIAL

Base HyperLogic RO unit

The heart of your custom filtration system

- 2,000 - 19,000 Gallons Per Day RO
- Pump: 1.5 - 3 HP Multi-Stage
- 4" Diameter RO Membranes with Stainless Steel Housing
- Extended Range of Pre-Filtration Components Available
- Upgradeable Capacity and Pre-Filtration



COMMERCIAL PLUG & PLAY

Commercial Series Plug & Play Skid

Customized, Fully Integrated On-Board Pre-Filtration

- 2,000 - 19,000 Gallons Per Day RO
- Pump: 1.5 - 3 HP Multi-Stage
- 4" Diameter RO Membranes with Stainless Steel Housing
- Skid Mounted Pre-Filtration
- Fully assembled, pre-plumbed, wired, programmed, leak and performance tested



INDUSTRIAL

Industrial Series Skid

Light Industrial Capacity with Advanced Features

- 10,000 - 28,800 Gallons Per Day RO
- Pump: 5.0 - 7.5 HP VFD Controlled
- 4" Diameter RO Membranes with Fiberglass Housing
- Dedicated Pre-Filtration Skid *Options*
- Automated Membrane Clean-In-Place System *Option*



HEAVY INDUSTRIAL

Heavy Industrial Series Skid

Heavy Industrial Capacity with Cutting Edge Control & Automation

- 28,800 - 460,000 Gallons Per Day RO
- Pump: 10 - 100 HP VFD Controlled
- 8" Diameter RO Membranes with Fiberglass Housing
- Dedicated Pre-Filtration Skid *Options*
- Automated Membrane Clean-In-Place System *Included*
- PLC Touchscreen (Programmable Logic Controller) *Included*





RECLAMATION SYSTEMS

HyperLogic provides specialized sustainable water conservation solutions across a variety of applications. Whether you need to reduce water usage, pass wastewater discharge regulations, or are concerned about the environmental impact of your project, we will work with you to save water, time, and money to conserve our planet's most valuable resource. Some of the solutions we offer include nutrient runoff filtration, condensate water reclamation and waste water remediation.

SPECIFICATIONS

COMMERCIAL

CAPACITY			# MEMBRANES	SYSTEM DIMENSIONS (in.)			APPROX. WEIGHT (lb.)
GPD	GPH	GPM		Length	Depth	Height	
2,000	83.3	1.38	1	20	24	55	275
4,000	166.6	2.77	2	20	24	55	300
5,800	241.6	4.00	3	20	24	55	325
7,500	312.5	5.20	4	20	32	55	350
9,000	375.0	6.25	5	20	32	55	375
10,000	416.6	6.94	6	20	32	55	400
EXTENDED MEGA FRAME							
11,500	479.4	7.99	7	20	40	55	441
13,000	541.7	9.03	8	20	40	55	466
14,400	600	10.00	9	20	40	55	491
16,000	666.7	11.11	10	20	46	55	516
17,300	720.8	12.01	11	20	46	55	541
19,000	791.7	13.19	12	20	46	55	566

INDUSTRIAL

10,000	420	7.00	6	80	35	74	1,190
11,500	480	8.00	7	80	35	74	1,275
13,000	540	9.00	8	100	35	74	1,410
14,400	600	10.00	10	100	35	74	1,530
17,300	720	12.00	12	100	35	74	1,610
20,000	840	14.00	14	100	35	74	1,830
23,000	960	16.00	16	100	35	74	1,950
26,000	1,080	18.00	18	100	45	74	2,070
28,800	1,200	20.00	20	100	45	74	2,190

HEAVY INDUSTRIAL

CAPACITY			# MEMBRANES	SYSTEM DIMENSIONS (in.)			APPROX. WEIGHT (lb.)
GPD	GPH	GPM		Length	Depth	Height	
28,800	1,200	20.00	4	120	44	75	1,310
43,200	1,800	30.00	6	154	44	75	1,425
57,600	2,400	40.00	9	154	44	75	1,735
79,200	3,300	55.00	12	154	44	76	2,005
108,000	4,500	75.00	16	154	44	76	2,275
136,600	5,700	95.00	20	154	44	76	2,645
165,600	6,900	115.00	24	194	60	76	2,910
194,400	8,100	135.00	28	194	60	76	3,280
252,000	10,500	175.00	36	288	60	76	3,795
288,000	12,000	200.00	42	288	60	76	5,275
324,000	13,500	225.00	48	288	60	76	5,660
360,000	15,000	250.00	54	custom	custom	custom	7,140
396,000	16,500	275.00	60	custom	custom	custom	8,680
342,000	18,000	300.00	66	custom	custom	custom	10,285
460,000	19,500	325.00	72	custom	custom	custom	11,890

Note: Average gallons per day. Production depends on inlet water and total dissolved solids. GPD can fluctuate +/- 20%

Note: Systems can be built 110V to 480V single phase or three phase.

Note: Recovery (ratio of pure water to waste water) is variable and dependent upon feed water conditions and pre-filtration options

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