

AQUA WHISPER DX

Be completely in control

The Aqua Whisper DX grants boaters the freedom to monitor and regulate system capabilities. Made for the hands-on boater, the Aqua Whisper DX allows you to customize features and pressure settings with an advanced touch screen display. It's ruggedness and reliability allows boaters to confidently command their watermaker in all parts of the world.



Modular Configuration



Aqua Whisper DX Key Features

- NMEA 2000 compliant
- Digital menu
- User adjusted operation
- Quiet performance



Category | Mid to Large Yachts (40 - 80 ft / 12 - 24 m)

Semi-automatic functions

Sea Recovery has combined the best of both worlds in the semi-automated Aqua Whisper DX reverse osmosis desalinator. For those who prefer the security of manual control, but enjoy the convenience of enhanced automatic operation, the Aqua Whisper DX provides a hands-on programmable system, with walk away automation after.

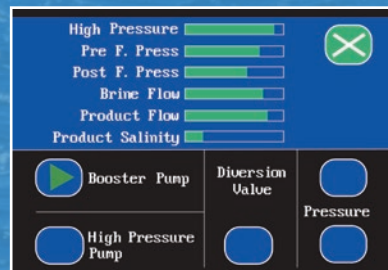


Maximize system settings

With the Aqua Whisper DX, you have the power to manually optimize and configure your system settings according to any water condition you encounter. Pressure and temperature is balanced using a pressure regulating knob (shown left), allowing boaters to operate the Aqua Whisper DX in any ocean condition. Operations are easily optimized in seconds simply by turning the knob to your preferred setting.



Pressure Status



Manual Drive

Manage critical functions from any location

The LCD touch screen acts as your watermaker's first mate, and will assist your efforts to maintain, guide, and configure the Aqua Whisper DX anyway you wish. Vital system functions and gauges are reported through the display and remote, and can be accessed at any time. The Aqua Whisper DX gives operators maximum control with the ability to do more than ever before.

AQUA WHISPER_{PRO}

For the hands-on boater

The Aqua Whisper Pro watermaker is suited for charter, offshore fishing, and ocean cruising. It's traditional manual functions and touch-pad control panel allows simple operation and digital + analog instrumentation for redundancy. The Aqua Whisper Pro's high pressure pump is engineered to be quieter than conventional high pressure pumps, and operates for 2,500 hours before any maintenance is required.



Modular Configuration

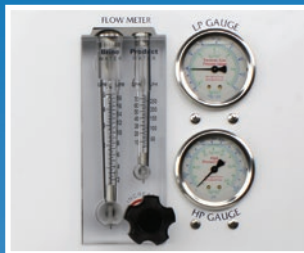


Aqua Whisper PRO Key Features

- Automatic FWF on frame
- Automatic shutdown option
- Small footprint
- Robust, failsafe design

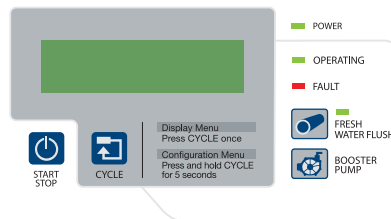


Category | Mid to Large Yachts (40 - 80 ft / 12 - 24 m)



Easy to use, easy to upgrade

The Aqua Whisper Pro's semi-automatic operation requires only one pressure adjustment to varying feed water conditions. User-friendly touch pad control panel is simple to use and easy to understand. Multiple product water production capabilities from 450 gallons / 1,703 liters to 1800 gallons / 6,814 liters per day (19 gal / 71 lit - 75 gal / 284 lit per hour). All Aqua Whisper Pro models are "in-field" upgradable to higher production capacities.



Optional Settings:

- Auto-start on Tank Empty Level Signal
- Auto-stop on Tank Full Level Signal
- Auto-stop Timer - Five Pre-Defined
- Auto-Shutdown Countdown Times

Manage critical functions from any location

The LCD touch screen acts as your watermaker's first mate, and will assist your efforts to maintain, guide, and configure the Aqua Whisper Pro anyway you wish. Vital system functions and gauges are accessible through the display and remote, and can be accessed at any time. The Aqua Whisper Pro gives operators maximum control with the ability to do more than ever before.



Fresh Water Flush on frame

The AQW Pro compact features all replaceable pre and post filters on frame, for the easiest installation and operation, including the carbon filter for the fresh water flush that comes standard. Alternatively, for the more intense applications like i.e. dirty sea water, charter cruises, offshore fishing or ocean crossings, the AQW Pro is available with heavier duty commercial pre-filter and oil water separator in place of the standard pre-filters on frame, for longer lasting cartridges and less frequent replacement.

Specifications - Aqua Whisper DX / Aqua Whisper PRO

	Model #	Production/hr.	Production/24hrs.	AW DX compact*	AW DX modular*	AW PRO compact*	AW PRO modular*
PRODUCTION & WEIGHT	450-1	19 Gal / 71 L	450 Gal / 1,703 L	157 lbs / 71 kg	153 lbs / 69 kg	157 lbs / 71 kg	153 lbs / 69 kg
	700-1	29 Gal / 110 L	700 Gal / 2,650 L	160 lbs / 73 kg	156 lbs / 71 kg	160 lbs / 73 kg	156 lbs / 71 kg
	900-1	38 Gal / 142 L	900 Gal / 3,407 L	162 lbs / 73 kg	158 lbs / 72kg	162 lbs / 73 kg	158 lbs / 72kg
	900-2	38 Gal / 142 L	900 Gal / 3,407 L	169 lbs / 77 kg	165 lbs / 75 kg	169 lbs / 77 kg	165 lbs / 75 kg
	1400-2	58 Gal / 221 L	1,400 Gal / 5,300 L	175 lbs / 79 kg	171 lbs / 76 kg	175 lbs / 79 kg	171 lbs / 76 kg
	1800-2	75 Gal / 284 L	1,800 Gal / 6,814 L	180 lbs / 82 kg	175 lbs / 79 kg	180 lbs / 82 kg	175 lbs / 79 kg

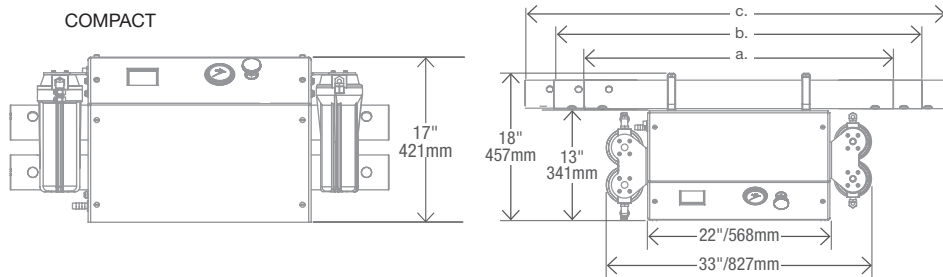
* Weights based on single phase motor. For three phase motors subtract 9 lbs.

ELECTRICAL	Phase	Pump Motor	Voltage VAC	Hz	Normal Operating Amps	Start Up Current
Plunger Pump	Single	High Pressure / Booster	110-115 / 220 -230	50 / 60	110 / 220 30 / 15	110 / 220 100 / 50
	Three	High Pressure / Booster	220-230 / 380-460	50 / 60	220 / 380 - 440 11 / 5.5	220 / 380 - 460 30 / 15

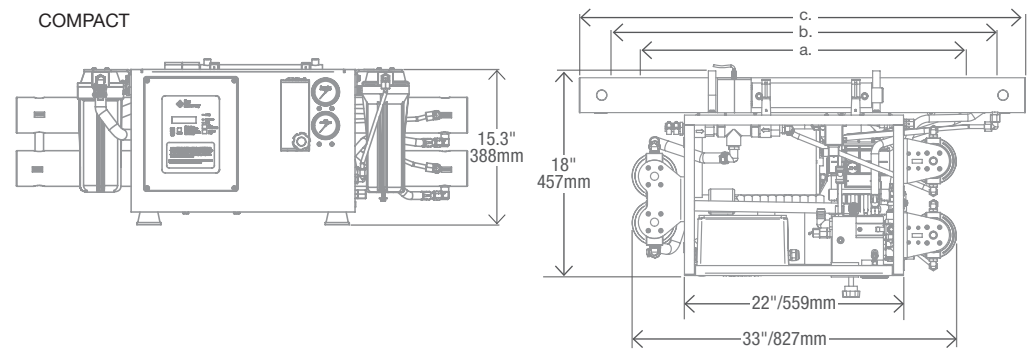
Circuit Breaker Size	Operating AC Voltage	Phase	Recommended circuit breaker
Plunger Pump	110-115 / 220-230	Single	40 Ampere / 20 Ampere
	220 / 380 / 460	Three	15 Ampere / 10 Ampere / 10 Ampere

Dimensions

AQUA WHISPER_{DX}

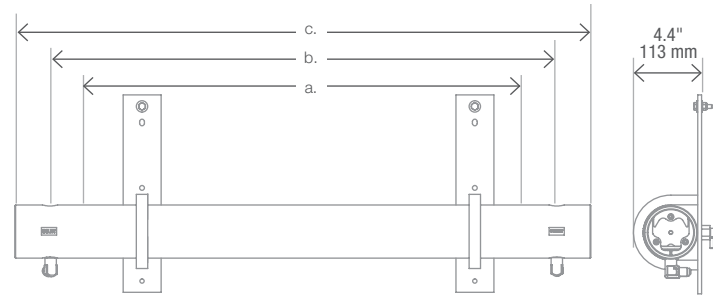
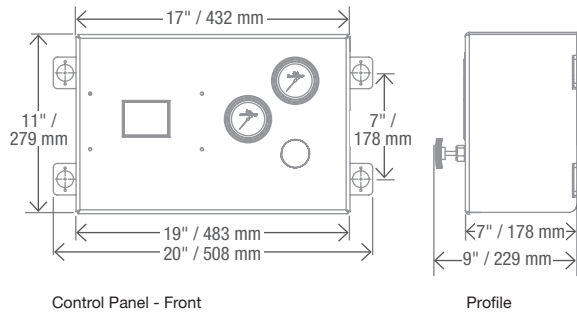


AQUA WHISPER_{PRO}



- a. 27 15/16" (710mm): Aqua Whisper DX / PRO Compact 450-1 & 900-2 b. 37 15/16" (964mm): Aqua Whisper DX / PRO Compact 700-1 & 1400-2
c. 46 15/16" (1192mm): Aqua Whisper DX / PRO Compact 900-1 & 1800-2

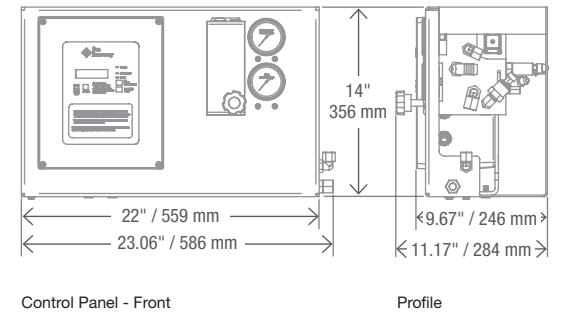
AQUA WHISPER_{DX} MODULAR



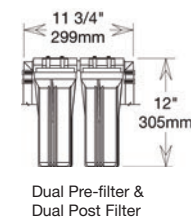
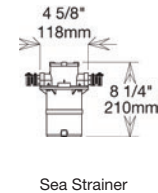
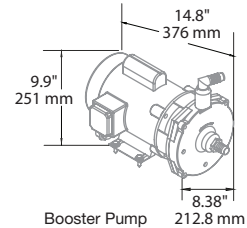
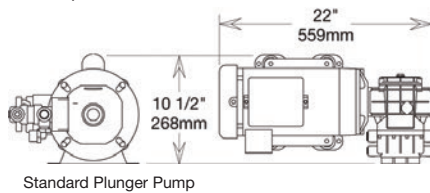
Double R.O. Membrane Vessel Assembly

- a. 27 15/16" - 710mm: Aqua Whisper DX/PRO Modular 450-1 & 900-2
b. 37 15/16" - 964mm: Aqua Whisper DX/PRO Modular 700-1 & 1400-2
c. 46 15/16" - 1192mm: Aqua Whisper DX/PRO Modular 900-1 & 1800-2

AQUA WHISPER_{PRO} MODULAR



AQUA WHISPER_{DX} / PRO Pumps & Filters



WATER CONNECTIONS: Feed Water 3/4", Brine Discharge 3/4", Product Water 1/2"

AQUA WHISPER MINI

Great things come in small packages

The low-hassle Aqua Whisper Mini is engineered to fit anywhere. Measuring at about 2 - 3 cubic feet, sail and small power boaters have the opportunity and the convenience of a Sea Recovery watermaker without space restrictions. Featuring a simple interface, the Aqua Whisper Mini can be monitored via the control panel or remote (optional). The Aqua Whisper Mini can produce up to 7, 15, 23, or 31 gallons of fresh water per hour and is the perfect seaworthy companion for the solo cruiser.



Modular Configuration



Aqua Whisper Mini Key Features

- Smallest line of watermakers
- Easy access to main components
- Low AC power consumption
- Maximum system weight is 150 lbs

Smaller than a 34 gallon water tank, up to 750 gallons in capacity

The Aqua Whisper Mini is a few cubic inches smaller than a 20 gallon water tank, yet is capable of producing between 170 and 750 gallons of potable water per day. Weighing at most, 130 lbs, the Aqua Whisper Mini is also more convenient than hauling around a full water tank that adds about 8 pounds per gallon to your boat. For example, if you filled up a 34 gallon tank to capacity, you will have to haul about 342 lbs, which will put more stress on your engine, slow down your speed, and increase fuel costs. With the Aqua Whisper Mini, compact boaters will carry minimal weight, save space, and cruise without limits to any destination they wish.

Aqua Whisper Mini 170



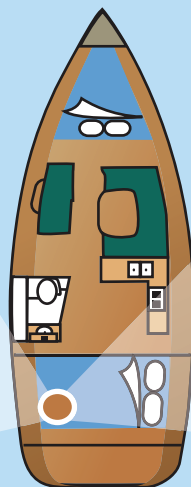
12" L x 17" W x 15" D

System Weight = 70 lbs

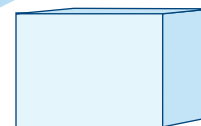
Water Weight = 0 lbs
(make water on location)

Total weight = 70 lbs

36 Foot Sailboat



34 Gallon Water Tank



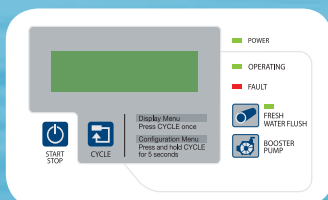
34" L x 26" W x 10" D

Tank Weight = 70 lbs

Water Weight = 272 lbs

Total weight = 342 lbs

* An Aqua Whisper Mini 170 is smaller, lighter, and has a higher capacity than the average 34 gallon tank.



Unlimited features at your control

The Aqua Whisper Mini controller provides fresh water flush options, better maintenance access, and safety alarm features. With the most stable controller in the market, the Aqua Whisper Mini keeps up it's reputation as the smallest, most reliable watermaker used by boaters around the world.

ULTRA WHISPER



The low power alternative

The Ultra Whisper is engineered for boaters with limited electrical options. With it's new low powered Energy Transfer Device, the very quiet Ultra Whisper is more efficient and requires less maintenance than before. Featuring automatic operation and easy to use Start and Stop controls, the Ultra Whisper is capable of producing between 8 and 25 gallons per hour, ideal for small power boats and sail boats.

Modular Configuration



Ultra Whisper Key Features

- AC or DC power
- Energy efficient
- Worry-free operation
- Quiet operation



Category | Small Power Boats & Sailboats (35 - 45 ft / 10 - 14 m)

25 GPH available in 24 VDC

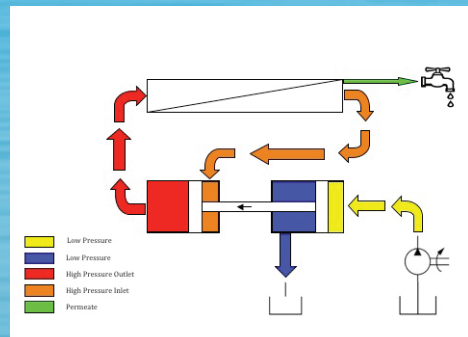
The Ultra Whisper replaces the high pressure pump with the Energy Transfer Device. The Energy Transfer Device's patented design produces water through a two valve flow system that delivers smooth, constant, fault-free, automatic operation with no valves to adjust.

Energy efficient & connects to your AC or DC power

With the Ultrawhisper's low power technology, boaters get more out of minimal power. The new Energy Transfer Device and the Ultra Whisper's efficient functions are capable of reducing power consumption by up to 75%. Giving you more out of your energy source and allowing you to travel worry-free.



Energy Transfer Device



Smallest energy recovery device in the market.



Photo courtesy of Admiral Yachts

Specifications - Aqua Whisper Mini / Ultra Whisper

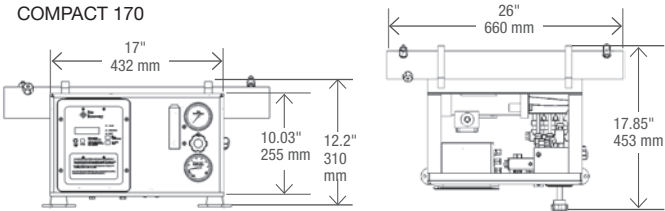
MODEL	Production / Hr.	Production / 24Hrs.	Weight - Compact	Weight - Modular	MODEL	Production / Hr.	Production / 24Hrs.	Weight - Compact	Weight - Modular						
AQW MINI 170	7 gal / 27 L	170 gal / 644 L	70 lbs / 32 kg	70 lbs / 32 kg	AQW MINI 550	23 gal / 87 L	550 gal / 1,900 L	142 lbs / 64 kg	128 lbs / 57 kg						
AQW MINI 350	15 gal / 55 L	350 gal / 1,325 L	127 lbs / 58 kg	89 lbs / 40 kg	AQW MINI 750	31 gal / 117 L	750 gal / 2,850 L	150 lbs / 68 kg	130 lbs / 59 kg						
ELECTRICAL	Phase	Pump Motor	Voltage	Hz	H.P.	Normal Operating Amps		Start Up Current							
AQW MINI 170	N / A	High Pressure	12 / 24	N / A	.33	27/13.4		90/45							
	Single	High Pressure	110 / 230	50//60	.33	6.6/3.3//5.2/2.6		26/13							
AQW MINI 350	Single	High Pressure	110 / 230	60	1	12.8/6.4		39/20							
	Single	High Pressure	110 / 230	50	1	12.4/6.2		37/19							
AQW MINI 550 & 750	Single	High Pressure	110/220//115/230	50/60	1.75//2.1	18.9/9.4//18.2/9.1		57/28							
	Single	Booster	110/220	50/60	0.5	9.4/4.7-7.4/3.7		28/14							
Circuit Breaker Size	Operating Voltage	Phase	Recommended circuit breaker		Circuit Breaker Size	Operating Voltage	Phase	Recommended circuit breaker							
AQW MINI 170	12 / 24 VDC	Single	40 Ampere / 20 Ampere		AQW MINI 550	110 (AC)	Single	40 Ampere							
	110 / 230 (AC)		12 Ampere / 10 Ampere		AQW MINI 750	220 (AC)	Single	20 Ampere							
AQW MINI 350	110 / 230 (AC)	Single	20 Ampere / 15 Ampere												
SYSTEM	Model #	Production / Hr.	Weight - Compact	Weight - Modular	ELECTRICAL	Feed Pump and Motor	VAC	NOA	SUC						
ULTRA WHISPER	200	8.3 gal / 32 liters	130 lbs / 59 kg	125 lbs / 59 kg	ULTRA WHISPER 200	12V		24	58						
	400	16.5 gal / 63 liters	145 lbs / 66 kg	140 lbs / 63 kg		24V		12	29						
						Phase HZ									
						Single 50 / 60	115	4.8 / 5.0	26						
600	25 gal / 95 liters	155 lbs / 70 kg	150 lbs / 68 kg		Single 50 / 60	230	2.4 / 2.5	13							
ULTRA WHISPER 400	12V	24V	115	5.1 / 5.3	26 / 25	13 / 12.5	26	13	77						
										38					
											Phase Hz				
											Single 50 / 60	115	5.1 / 5.3	26 / 25	
											Single 50 / 60	230	2.5 / 2.7	13 / 12.5	
											12V DC		34	102	
24V DC		17	51												
ULTRA WHISPER 600	12V DC	24V DC	115	7.3 / 7.5	44 / 46	22 / 23	34	17	102						
										51					
											Phase Hz				
											Single 50 / 60	115	7.3 / 7.5	44 / 46	
Single 50 / 60	230	3.5 / 3.7	22 / 23												

H.P. = Horse Power • NOA = Normal Operating Amps • SUC = Start Up Current

Dimensions

AQUA WHISPER MINI

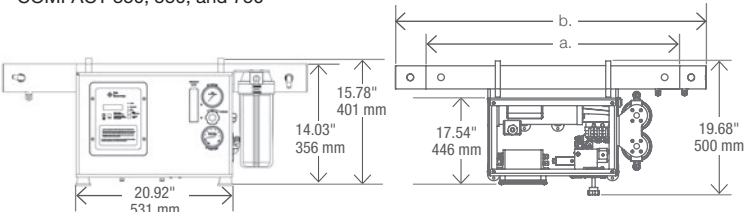
COMPACT 170



Front View

Top View

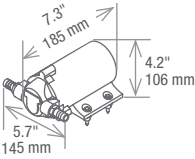
COMPACT 350, 550, and 750



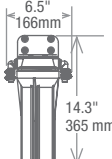
Front View

Top View

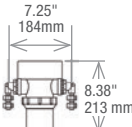
a. Aqua Mini 350 & 550: 37.94" / 964 mm | b. Aqua Mini 750: 46.94" / 1192 mm



Booster Pump

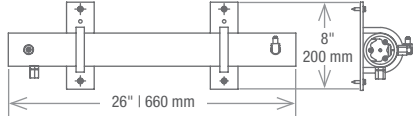


Single Pre/
Post filter

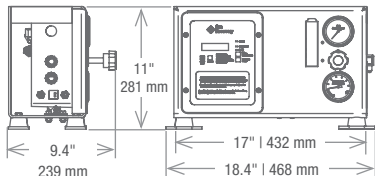


Sea Strainer

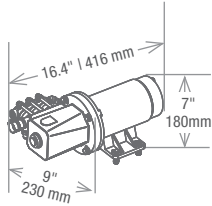
MODULAR



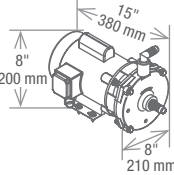
Membrane Assembly 170



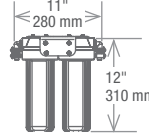
Control Panel (all models)



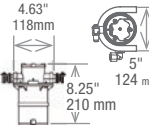
HP Pump (modular 170)



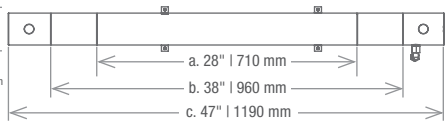
Booster Pump



Prefilter Assembly

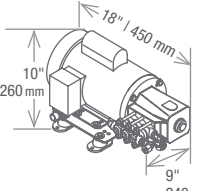


Sea Strainer



Membrane Assembly 350 - 750

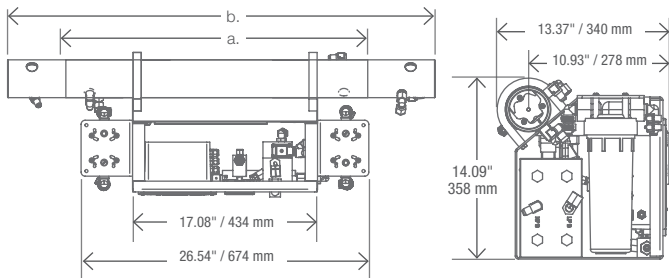
a: AW Mini 350 | b: AW Mini 550 | c: AW Mini 750



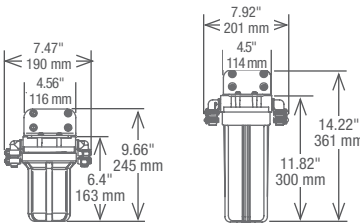
HP Pump

ULTRA WHISPER

COMPACT



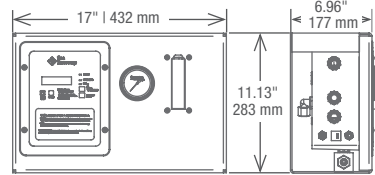
a. 37 15/16" - 964 mm: SRC Ultra Whisper Compact / Modular 200
b. 46 15/16" - 1192 mm: SRC Ultra Whisper Compact / Modular 400 & 600



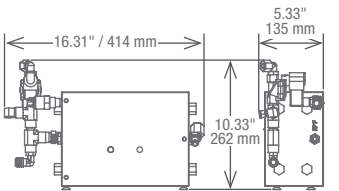
Sea Strainer

Single Pre/Post Filter

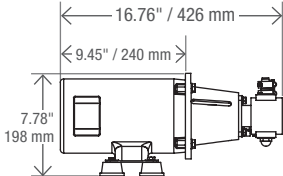
MODULAR



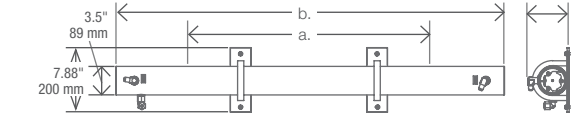
Control Panel



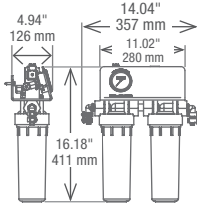
Energy Transfer Device



Feed Pump



Single RO Membrane Assembly



Dual Pre-Post filter

WATER CONNECTIONS: Feed Water 1/2" Brine Discharge 1/2" Product Water 1/4"