



50,000 GPD R.O. SYSTEM

GENERAL SPECIFICATIONS

Product SKU	CQE-CO-02036
Gallons Per Day*	50,000 GPD
Gallons Per Minute	34 GPM
Approx. Weight	500 lbs.
Recovery**	33% - 50%
Operating Pressure	150 psi
Maximum TDS	2,000 ppm
Chlorine Tolerance	<1 ppm
Turbidity	1 NTU

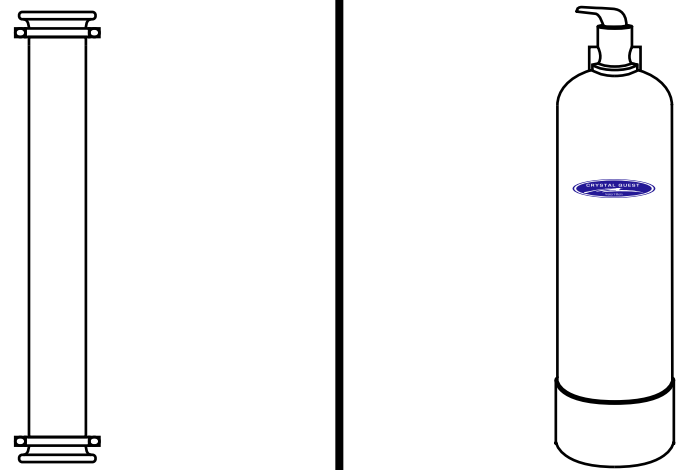
MECHANICAL SPECIFICATIONS

Motor HP	5
Voltage (Volts)	110/220
Hertz	50/60

CONNECTION SPECIFICATIONS

Feed Connection	2"
Product Connection	1.5"
Waste Connection	1.5"

MEMBRANE/PRE-TREATMENT SPECIFICATIONS



Dimensions	4" x 40"	Dimensions	9" x 48"
Vessel Qty.	20	Vessel Qty.	2
Element Qty.	20	Backwash	Manual



FLOWMETERS
L - PERMEATE
R - CONCENTRATE

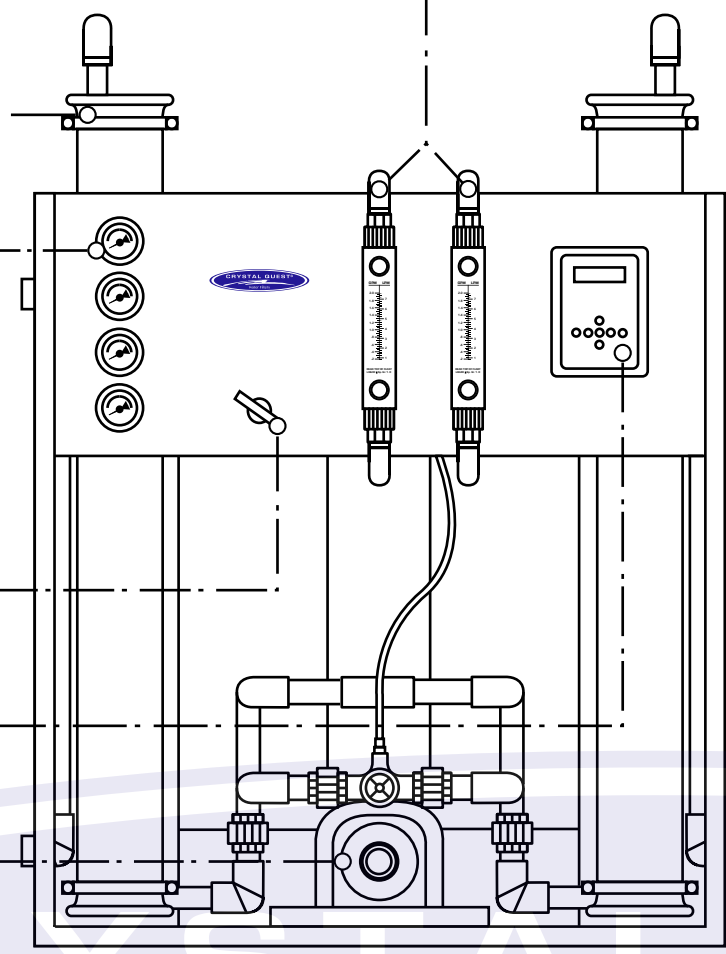
STAINLESS STEEL MEMBRANES

SYSTEM GAGES
1. PRE-FILTRATION IN
2. PRE-FILTRATION OUT
3. PUMP PRESSURE
4. WASTE PRESSURE

NEEDLE VALVE

CONTROL PANEL

5 HP PUMP/MOTOR



FRONT VIEW

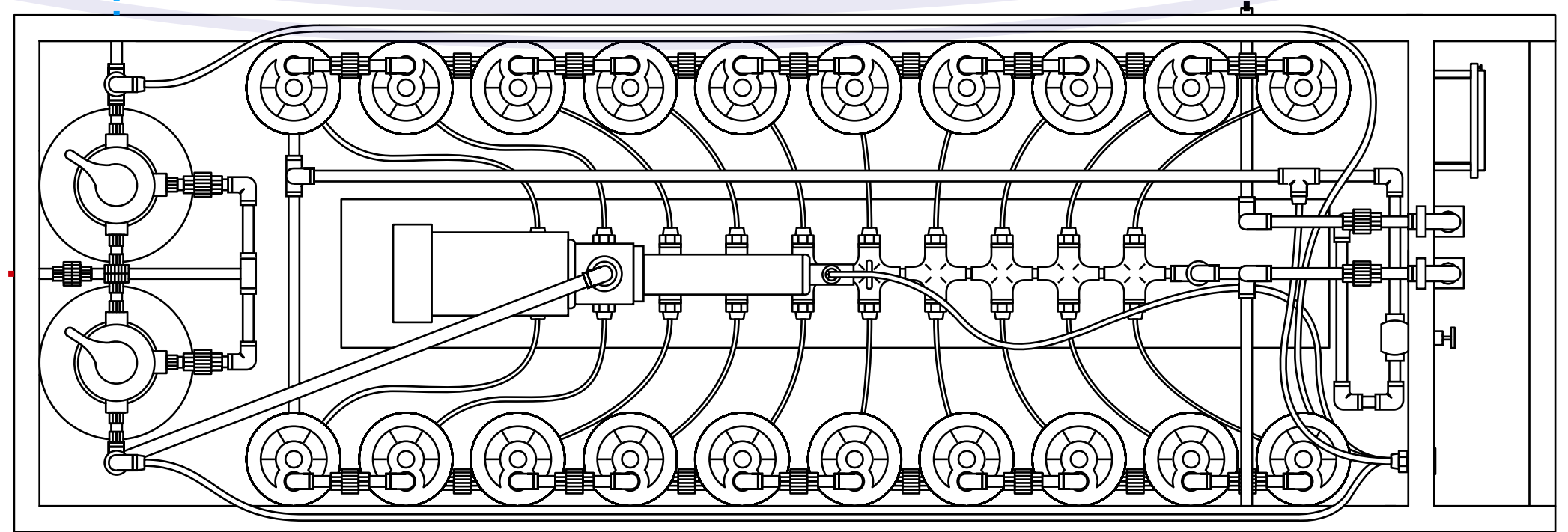
FLOW KEY	
Influent Water Flow	
Filtered Water Flow	
Waste Water Flow	
Backwash Flow	

SYSTEM INLET

WASTE (CONCENTRATE)

Water Filters

PRE-FILTRATION BACKWASH LINE



TOP VIEW

PRODUCT LINE (PERMEATE)

ORDER OF OPERATION:	PRODUCT SKU:	DIMENSIONS:	COMMENTS:	UNLESS OTHERWISE SPECIFIED:	DATE: 11/09/2018 DRAWN BY: DUSTIN
1 50,000 GPD R.O. SYSTEM	CQE-CO-02036	L 41" x W 143" x H 80"	<ul style="list-style-type: none"> • GPD IS PER 24-HOUR CYCLE. • RECOVERY RATIO MAY VARY FROM 33% - 50% AND UP TO 75% IF SYSTEM PROJECTIONS HAVE BEEN PROVIDED 	DIMENSIONS ARE IN INCHES. DRAWING IS NOT TO SCALE.	TITLE:
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				SIZE C DWG. NO. 1 REV # A	
				SCALE: 1:20 WEIGHT: SHEET 1 OF 1	