



40,000 GPD R.O. SYSTEM

GENERAL SPECIFICATIONS

Product SKU	CQE-CO-02035
Gallons Per Day*	40,000 GPD
Gallons Per Minute	27 GPM
Approx. Weight	500 lbs.
Recovery**	33% - 50%
Operating Pressure	150 psi
Maximum TDS	2,000 ppm
Chlorine Tolerance	<1 ppm
Turbidity	1 NTU

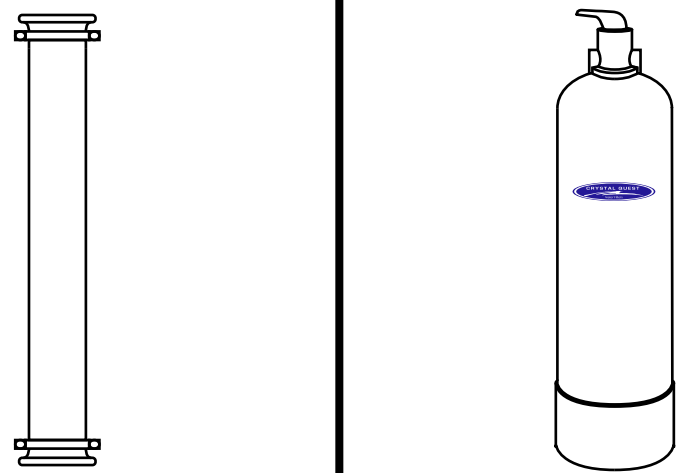
MECHANICAL SPECIFICATIONS

Motor HP	3
Voltage (Volts)	110/220
Hertz	50/60

CONNECTION SPECIFICATIONS

Feed Connection	1.5"
Product Connection	1"
Waste Connection	1"

MEMBRANE/PRE-TREATMENT SPECIFICATIONS



Dimensions	4" x 40"	Dimensions	9" x 48"
Vessel Qty.	18	Vessel Qty.	2
Element Qty.	18	Backwash	Manual



FLOWMETERS
L - PERMEATE
R - CONCENTRATE

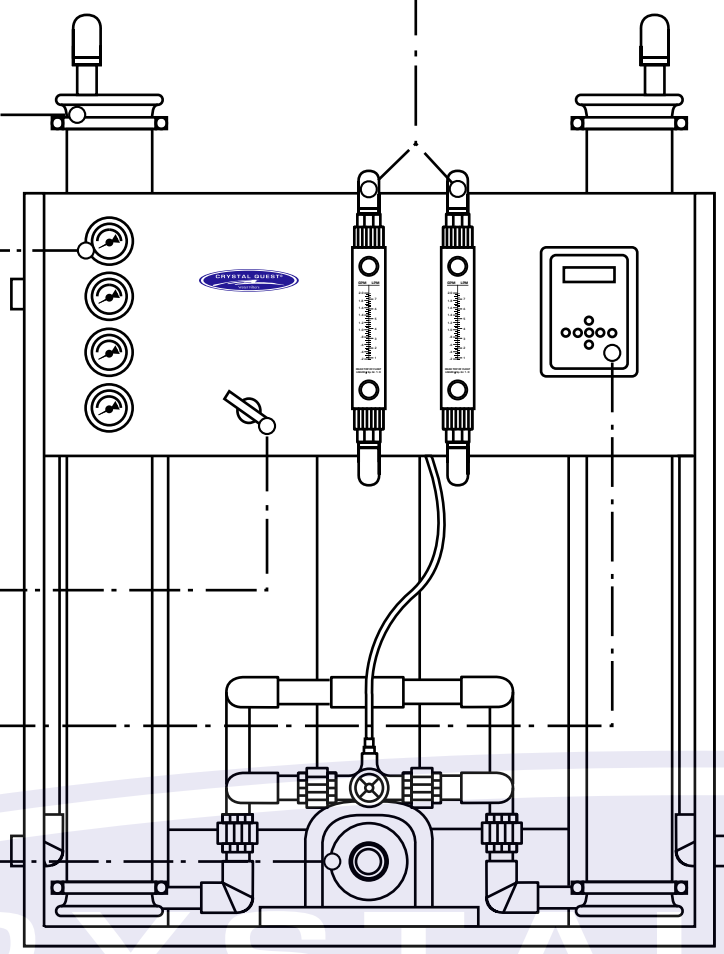
STAINLESS STEEL MEMBRANES

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

NEEDLE VALVE

CONTROL PANEL

3 HP PUMP/MOTOR



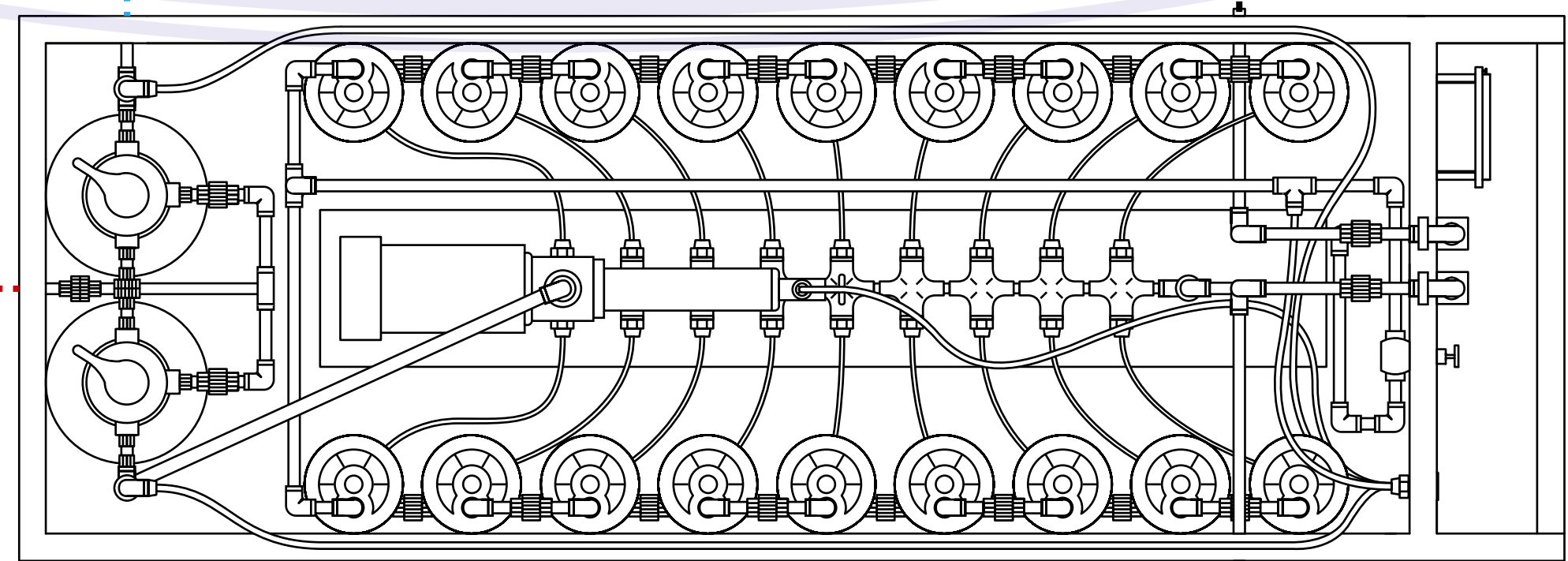
FRONT VIEW

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

SYSTEM INLET

WASTE
(CONCENTRATE)

Water Filters



TOP VIEW

PRE-FILTRATION
BACKWASH LINE

PRODUCT LINE
(PERMEATE)

ORDER OF OPERATION:	PRODUCT SKU:	DIMENSIONS:	COMMENTS:	UNLESS OTHERWISE SPECIFIED:	DATE: 11/09/2018 DRAWN BY: DUSTIN
1 40,000 GPD R.O. SYSTEM	CQE-CO-02035	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:
---	---	---	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CRYSTAL QUEST. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CRYSTAL QUEST IS STRICTLY PROHIBITED.	DIMENSION KEY: L LENGTH W WIDTH H HEIGHT D DIAMETER	40,000 GPD COMMERCIAL HIGH FLOW REVERSE OSMOSIS SYSTEM
---	---	---			
---	---	---			
---	---	---			
---	---	---			
				SIZE C	DWG. NO. 1
				SCALE: 1:20	WEIGHT:
				REV # A	SHEET 1 OF 1