



100,000 GPD R.O. SYSTEM

GENERAL SPECIFICATIONS

Product SKU	CQE-CO-0864K
Gallons Per Day*	100,000 GPD
Gallons Per Minute	60 GPM
Approx. Weight	2,005 lbs.
Approx. Dimensions	L-194" x W-60" x H-72"
Nominal Recovery	75% - 80%
Operating Pressure	225 psig
Maximum TDS	2,000 ppm
Chlorine Tolerance	<1 ppm

MECHANICAL SPECIFICATIONS

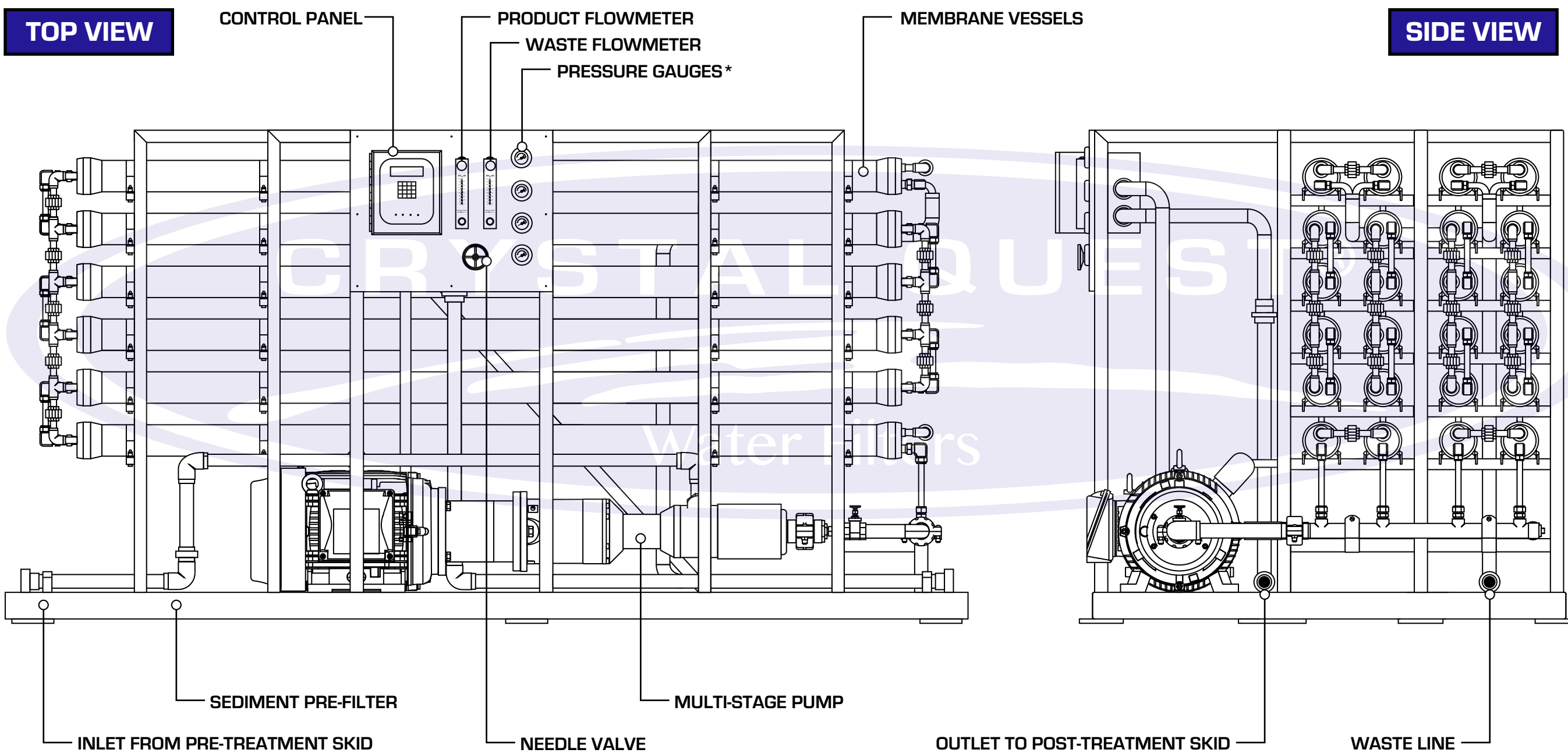
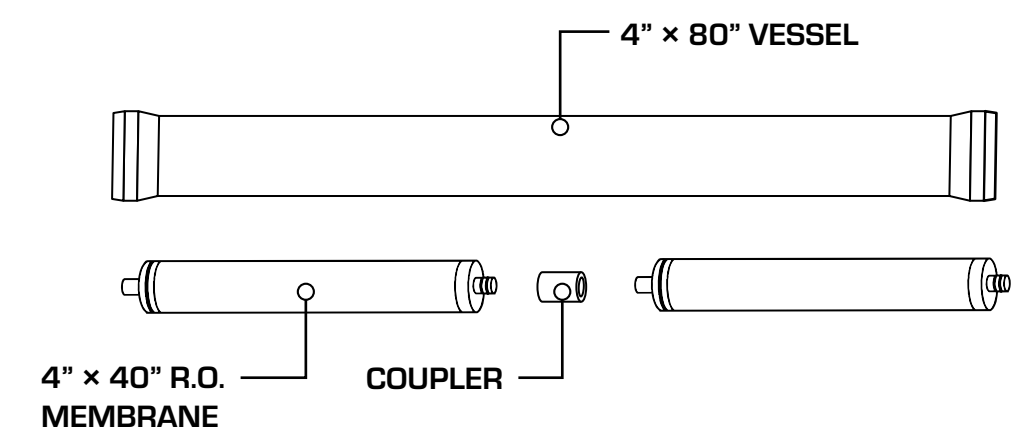
Motor/Pump	Multi-Stage
Voltage (Volts)	460 VAC - 3 PH
Hertz	50/60

CONNECTION SPECIFICATIONS

Feed Connection	3"
Product Connection	2"
Waste Connection	2"

MEMBRANE/PRE-TREATMENT SPECIFICATIONS

Dimensions	4" x 80"
Vessel Qty.	12
Element Qty.	24



REVERSE OSMOSIS SYSTEM PRESSURE GAUGE KEY:

- 1 PRE-FILTRATION PRESSURE - IN
- 2 PRE-FILTRATION PRESSURE - OUT
- 3 MULTI-STAGE PUMP PRESSURE
- 4 WASTE (CONCENTRATE) PRESSURE

COMMENTS:

- GPD IS PER 24-HOUR CYCLE.
 - PRODUCT WATER IS "PERMEATE"
WASTE WATER IS "CONCENTRATE"
- 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.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES.
DRAWING IS NOT TO SCALE.

DIMENSION KEY:

- L → LENGTH
- W → WIDTH
- H → HEIGHT
- D → DIAMETER

DATE: 12/13/2018 DRAWN BY: DUSTIN

TITLE:
**100,000 GPD COMMERCIAL
DESALINATION R.O. SYSTEM**

SIZE C	DWG. NO. 1	REV # A
SCALE: 1:20	WEIGHT:	SHEET 1 OF 1