



# Excalibur Water Systems

## *Commercial/Industrial Products*

### INTELLIGENT REVERSE OSMOSIS SFCP SERIES



### EXCALIBUR WATER SURFLO REVERSE OSMOSIS SFCP SERIES

#### Reverse Osmosis SFCP Series Standard Features and PLC Controller

- Flow rates designed on 10°C or 50°F
- Operating Temperature 40°F to 113°F
- Micro850 Series PLC Controller
- 4.3in Full Color PanelView800 HMI Touchscreen
- Built in paddle-wheel flow meters (3)
- 75% Permeate recovery from feed Water
- 0-300 psi 4" Stainless feed/membrane pressure gauges
- Inlet solenoid valve
- Standard sediment filter housing
- 5 Micron polypropylene sediment filter
- Blue carbon steel powder coated frame
- Low feed water pressure switch
- RO Storage tank low and high level sensor
- Pre-treatment Lockout
- Optional membrane auto flush
- Optional permeate divert
- Permeate Water TDS meter range 0-999 PPM
- Reverse osmosis storage tank full override
- 4"x40" Stainless steel membrane housings
- Filmtec XLE Low Energy TFC membranes
- Liquifit high pressure tubing & fittings
- Enclosure 22.2" x 26.7" x 10.4" Nema 4x

# INTELLIGENT REVERSE OSMOSIS SFCP SERIES

## System Production Flow Rate Specifications

Model Number	RO SFCP6
Feed Flow Rate (gpm)	8.8
Permeate Product (gpm)	6.6
Permeate Product (gpd)	9,500
Concentrate Waste (gpm)	2.2
Rejection Recycle (gpm)	10.0

## Skid Process Connection Specifications

Model Number	RO SFCP6
Feed Water Inlet (in)	1"
Permeate Outlet (in)	3/4"
Concentrate Outlet (in)	3/4"

## Unit Configuration Specifications

Model Number	RO SFCP6
Vessel Array Staging	3 : 2 : 1
Membranes Per Vessel	1
Membrane Quantity	6
Vessel Quantity	6
Pump (HP)	1.5 HP

## Skid Utility Requirements

Model Number	RO SFCP6
Max FLA @ 115V/1/60	20
Max FLA@ 208-230/3/60	5.2
Motor HP (ref)	1.5 HP

## Skid Physical Dimension Specifications

Model Number	RO SFCP6
Length (in)	44"
Width (in)	32.5"
Height (in)	67"
Shipping Weight (lbs)	430 lbs