



ONE GALLON PER HOUR VCD

Total system capacity-----
 Gallons per day 24

Water Characteristics-----

Feed Water limitations

Total Dissolved Solids (TDS)	3,000 ppm
Ph	5.0-9.0
Chloride	400 ppm max
Filtered	25 micron
Temperature	not applicable
Pressure	50-75 psi
Product Water	
Product water purity (TDS)	< 1 ppm
Product Water Recovery Rate	50%

Power Consumption-----

Compressor Motor (HP)	.1
Pumps	Not Applicable
Rate of Energy Consumption (KWH/Kgal)	100

Operating conditions-----

Evaporator Pressure (psig)	0
Condenser Pressure (psig)	.3
Pressure Differential (psid)	.3
Compressor Speed (rpm)	8000

Electrical Requirements-----

Frequency (hz)	50 or 60
Phase (single)	1
Voltage	120

Size-----

Weight (lbs)	75
Dimensions (ft)	17"L X 17"W X 25"H

Pretreatment requirements-----

Gross Filtration, Softening or ph control