

# SR-SERIES SEAWATER DISTILLERS

## OFFSHORE FRESH WATER GENERATORS

### INNOVATIVE TECHNOLOGY

*Aqua-Chem's vapor compression distillation watermakers provide reliable, proven solutions for offshore distillation of seawater, killing bacteria and removing suspended solids, dissolved minerals, and organic contaminants. These units are designed to operate in the challenging conditions encountered in offshore operations and are backed by decades of successful operating history.*



### DESIGN FEATURES

- Utilizes a only a small amount of electrical energy for operation.
- Our compressors use high-speed journal bearings to ensure maximum life. In addition, thin film oil technology protects the bearings and shaft from wear. Materials of construction include titanium impellers.
- The vapor compression process uses its own compressed steam as its primary heat source, resulting in vastly improved efficiency.
- Our components are made of the strongest, most durable materials available to extend system life. Evaporator shells include 90/10 copper nickel, while our evaporator tubes are made with titanium. All the piping in our vacuum vapor compression distillers consists of copper nickel, stainless steel or bronze.

### THE AQUA-CHEM ADVANTAGE

Custom engineering is available to meet international electrical codes, rig specifications, and unique operating conditions.

Distillation can be used in any seawater condition, regardless of salinity, temperature or silt. Distillation produces the most consistent, high-quality water, with less than 5 ppm TDS.

Aqua-Chem distillers have set the standard for innovations that reduce maintenance costs and downtime, while increasing operating life. We have units that continue to provide excellent service after more than 30 years of operation.

All major components are accessible from floor level with the compressor and pumps located at the edge of the skid for easy serviceability.

STANDARD MODELS	SR200	SR300	SR400	SR600	SR700
<b>CAPACITY (GPH &amp; TONS/ DAY)</b>	200 (18.2)	300 (27.2)	400 (36.3)	600 (54.5)	700 (63.6)
<b>L x W X H (feet)</b>	11.5 x 6.0 x 6.0	11.5 x 6.0 x 6.0	12.0 x 7.1 x 7.1	15.8 x 7.1 x 7.1	15.8 x 7.1 x 7.1
<b>(meters)</b>	3.5 x 1.8 x 1.8	3.5 x 1.8 x 1.8	3.7 x 2.2 x 2.2	4.8 x 2.2 x 2.2	4.8 x 2.2 x 2.2
<b>WEIGHT (LBS/KG)</b>	5,300 (2,400)	5,400 (2,450)	8,200 (3,720)	10,400 (4,720)	10,700 (4,720)



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