

SCIENCO® BrineMaker

Complete Salt Storage System

Clear, consistent, continually-produced saturated brine from a SCIENCO BrineMaker is ideal for a limitless variety of applications.

Textiles	Laundries	Hotels/Motels/Resorts
Food Processors	Canneries	Colleges/Universities
Hide Processors	Oil Fields	Chemical Plants
Hospitals	Municipalities	Water Conditioning
Boiler Feed Water	Many More...	

Adaptable. Affordable. Proven.

Complete bulk salt storage and brinemaking with a SCIENCO BrineMaker provides:

- Lower salt costs
- Reduced handling costs
- Reduced warehouse space requirements
- Elimination of bag disposal costs
- Increased efficiency, safety and peace of mind.

All types of salts can be used in a SCIENCO BrineMaker: Pelletized, Rock, Solar and Food Grade Granulated.

Downflow Durability

All SCIENCO BrineMakers are designed for durable downflow brinemaking. Downflow brining takes full advantage of the higher densities of saturated brines versus influent waters and consistently delivers predictably saturated brine to the process application. Downflow brining also makes managing the accumulated nuisance impurities simpler by allowing for their easy removal at the bottom of the tank.

The LEVETROL® Advantage

LEVETROL liquid level controllers consistently maintain accurate fluid levels inside the BrineMaker without using corrosion-prone, tank-mounted probes. LEVETROL is available in a variety of configurations for fixed and variable head conditions.



Model FG1220

Better Water. Better World.

SCIENCO® — The Commercial Equipment Division of Smith & Loveless, Inc.



Tough. Efficient. Reliable.

SCIENCO BrineMakers are shipped with a fiberglass tank and separate packaged component and control system. Only the finest filament-wound, reinforced, corrosive-free fiberglass is used for the greatest combination of strength, durability and affordability. All SCIENCO BrineMakers are built to meet the tough standards of the US Department of Agriculture (USDA) and Federal Safety and Inspection Service (FSIS) food processing requirements.

The packaged component and control system comes standard with:

- 1 Salt fill pipe
- 2 Vents
- 3 Dust collector
- 4 Top manway

NOT SHOWN

- Side manway
- LEVETROL water level control
- Water distributor
- Brine collector

Optional components include:

- 5 Safety ladders
- 6 Ladder cages

NOT SHOWN

- Heat and insulation packages
- Brine meters
- Batching systems
- Pressure systems



Model FG0610

SCIENCO® BrineMaker Reference Data*

Model	FG1015	FG1212	FG1215	FG1220	FG0715	FG0712	FG0709	FG0613	FG0610	FG0607
Tank Diameter (FT.)	10	12	12	12	7	7	7	6	6	6
Tank Overall Height (FT.)	18	12	18	22	17	14	11	15	12	9
St. Wall Height (FT.)	16	11	16	20	15	12	9	13	10	7
TOTAL SALT STORAGE (TONS)	37	27	47	62	17	13	9	11	8	5
MAX. BRINE FLOW (GPM) (ROCK SALT)	20	26	26	26	10	10	10	7	7	7
MAX. BRINE FLOW (GPM) (GRANULAR SALT)	39	52	52	52	19	19	19	14	14	14

*In the interest of technological progress, all SCIENCO BrineMakers are subject to design and/or materials change without notice.

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