

Brine Makers

SCIENCO® FG SERIES BRINEMAKERS – COMPLETE SALT STORAGE SYSTEM

Description

The SCIENCO® FG Series Brinemaker is designed to meet modern industry's need for an automatic bulk salt storage and brine making system, adaptable for use with various types of industrial salt: evaporated, solar and rock. The FG series is fabricated of corrosion-free fiberglass tank and separate packaged component system. The system comes complete with a salt fill pipe, vents, dust collector, LEVETROL® water level control, water distributor, brine collector, and top and side manways. Optional ladders, safety ladders with cages, brine meters, pressure systems, corrosion-resistant transfer pumps and heat/insulation packages are also available for a wide range of installation sites and climates.

SCIENCO® PS LEVETROL®

The Scienco® PS Levetrol® automatically controls the liquid level in the FG Brinemaker by maintaining a relatively fixed head in the Brinemaker.

Model PS Levetrol® Consist of:

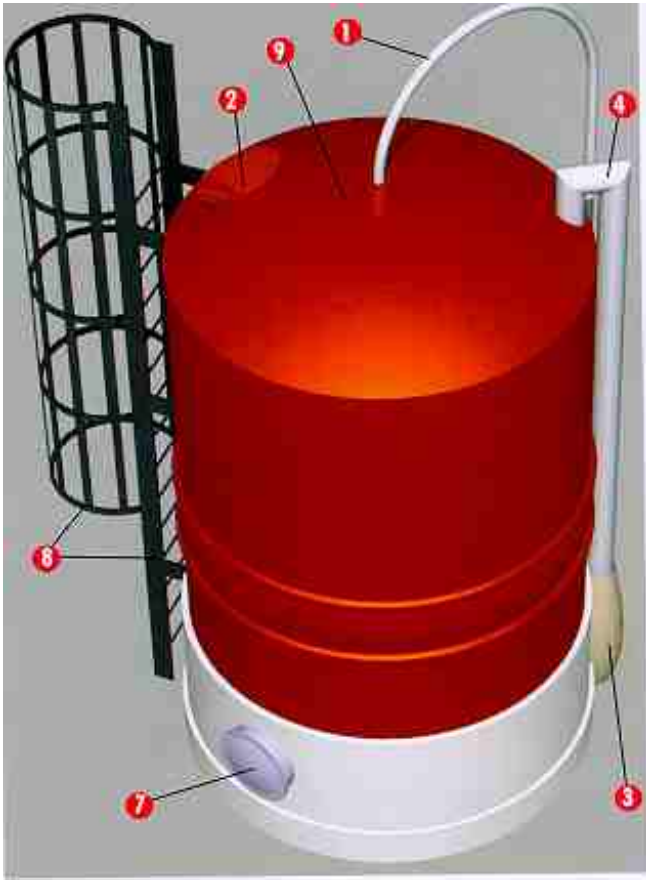
- Automatic Reset Timer with Indicator Lights and Manual Start Button (115 VAC, 60 Hz).
- Adjustable Pressure Switch.
- 1" (115 VAC) Solenoid Valve.
- Preset (30 GPM) Flow Control Valve.



APPLICATION OF SALT IN THE DIFFERENT MODELS SCIENCO® FG BRINEMAKER

MODEL	FG-1015	FG-1212	FG-1215	FG-1220
Diameter	10'0"	11'6"	11'6"	11'6"
Overall Height	17'6"	12'0"	17'6"	21'9"
Site Wall Height	16'0"	10'6"	16'0"	20'0"
Empty Weight, Lbs.	1,800	2,200	2,500	3,000
Max. Gr. Weight, Lbs.	130,000	132,000	180,000	240,000
Useable Storage, Tons	36	34	51	72
Max. Delivery, Tons	25	25	40	60
Area, Ft ² .	78	111	111	111

CAT620.2 IMPORTANT FEATURES



- 1. Stainless Steel Salt Fill Pipe** for maximum resistance to abrasion.
- 2. Weighted Top Manway** acts as an emergency vent.
- 3. Dust Collector** located near ground level for ease of servicing.
- 4. Vent** for ventilation of dust collector or dust-collector bag.
- 5. Brine Collector** facilitates periodic cleanout. *(Not Shown)*
- 6. Patented LEVETROL®** eliminates the need for tank-mounted probes. *(Not Shown)*
- 7. Side Manway** serves as access for cleaning.
- 8. Optional Mounted Ladder and Cage** provide route to inspect top manway.
- 9. Tank** is made of corrosion-free, filament-wound, reinforced fiberglass.

Specifications. The SCIENCO® FG Series Brinemaker is an automatic bulk salt storage and brine making system, adaptable for use with various types of industrial salt including evaporated, solar and rock. The FG Brine Maker consists of a tank fabricated of corrosion-free, filament-wound, reinforced fiberglass and a separately packaged component system. The components include a stainless steel salt fill pipe, vents, dust collector, LEVETROL® water level control, water distributor, brine collector, and top and side manways. The top manway is weighted acting as an emergency vent. The dust collector is located near ground level to facilitate cleaning. The Scienco® PS Levetrol® automatically controls the liquid level in the FG Brinemaker by maintaining a relatively fixed head in the Brinemaker. The level in the tank is maintained at a constant level by a pressure switch opens and closes a solenoid valve. The PS Levetrol® consists of an automatic reset timer with indicator lights, manual start button (115 VAC, 60 Hz), an adjustable pressure switch, a 1" (115 VAC) solenoid valve, and a preset (30 GPM) fill rate control valve.