

SALINE GENERATING SYSTEMS



COMMERCIAL SALTWATER CHLORINATION SYSTEMS





TECHNICAL DATA SHEET

DAILY CHLORINE OUTPUT

SG 5000	2.3 LBS	PER DAY
SGC3	6.9 LBS	PER DAY
SGC4	9.2 LBS	PER DAY
SGC5	11.5 LBS	PER DAY
SGC6	13.8 LBS	PER DAY

ESTIMATED TITANIUM COATING
LIFESPAN 15,000 HOURS

AMP DRAW PER UNIT
2.2 AMPS AT 220V

FLOW : AT 100 GPH 3.71 HEAD LOSS

PRESSURE TESTED TO 125 PSI

BOARD MAX OPERATING TEMP
150° CELSIUS

ALL INTERNAL COMPONENTS
CERTIFIED AT OR ABOVE
105° CELSIUS

COMMERCIAL WARRANTY : 1 YEAR
PARTS & LABOR

SIZING A COMMERCIAL BODY OF WATER

SGS WILL WORK WITH YOU TO DETERMINE OPTIMAL SIZING TO PROVIDE ADEQUATE SANITIZATION LEVELS THAT MEET LOCAL CODES AND THE CHLORINE DEMAND OF THE BODY OF WATER BEING TREATED.

OTHER FACTORS TO CONSIDER

TURNOVER RATE, GALLONS PER MINUTE AND RESTRICTION OF FLOW ARE JUST SOME OF THE IMPORTANT FACTORS TO CONSIDER WHEN PLUMBING IN AN SG MANIFOLD SYSTEM. AS EACH PROJECT IS DIFFERENT, SGS OFFERS BOTH BASIC PRE-DESIGNED SYSTEMS FOR EASIER INSTALLATIONS OR CUSTOM HYDRAULIC DESIGNS TO MEET THE PARAMETERS OF YOUR PROJECT.

ORP/PH CONTROLLERS WITH THE SG SYSTEM

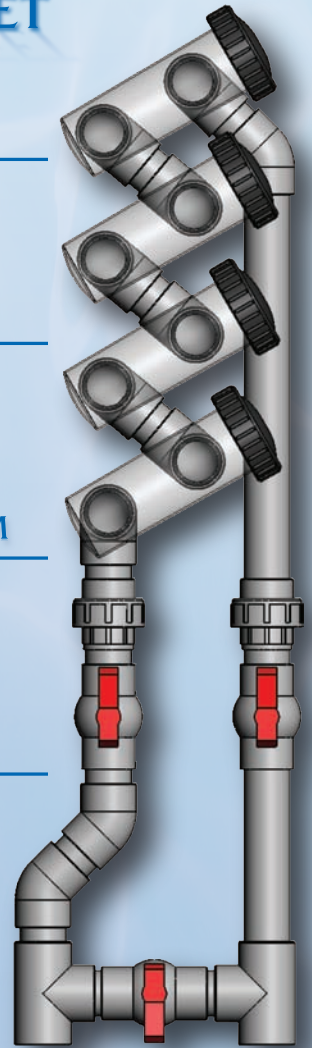
THE SG MANIFOLD SYSTEM WORKS WELL WITH OR WITHOUT AN ORP/PH CONTROL SYSTEM. AS MANY PUBLIC HEALTH DEPARTMENTS REQUIRE ORP/PH CONTROL SYSTEMS FOR MONITORING CHEMICAL OUTPUT, SGS RECOMMENDS THAT YOU CHECK WITH YOUR LOCAL HEALTH DEPARTMENT FOR SPECIFIC REQUIREMENTS.

MAINTAINING AN SG MANIFOLD SYSTEM

THE SG SYSTEM IS SPECIALLY DESIGNED FOR SIMPLE MAINTENANCE. THE CLEAR CELL HOUSING ALLOWS FOR EASY INSPECTION WHILE THE SYSTEM IS OPERATING, AND WIDE SPACING BETWEEN ELECTRODES REDUCES THE OCCURRENCE OF CALCIUM BUILD-UP (WHICH COULD ADVERSELY AFFECT CHLORINE OUTPUT). SIMPLE, NON-DAMAGING CLEANING METHODS ARE BETTER FOR THE PLATINUM BASED PRECIOUS METAL COATINGS OF THE ELECTRODES AND ALSO PROMOTE THE LONGEVITY OF THE ELECTROLYTIC CELL.

RELIABILITY AND LONGEVITY

THE SG SYSTEM WAS SPECIFICALLY DESIGNED FOR COMMERCIAL BODIES OF WATER. FEATURING 15,000 HOUR COMMERCIAL GRADE TITANIUM, SERIES WIRING WITH EACH BLADE INDIVIDUALLY POWERED AND WIDE ELECTRODE SPACING, IT PRODUCES THE HIGHEST CHLORINE OUTPUT OF ANY UNIT IN ITS CLASS, AS CERTIFIED BY NSF INTERNATIONAL. HIGH OUTPUT DESIGN IN CONJUNCTION WITH OUR MULTIPLE CELL MANIFOLD SYSTEM PROVIDES ONE OF THE MOST DEPENDABLE AND EFFICIENT SANITIZING SYSTEMS IN THE INDUSTRY.



NSF/ANSI-50



Electrical

SALINE GENERATING SYSTEMS

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