BRAUER SWIM

2024 COMMERCIAL PRODUCT GUIDE

# ONSITE CHLORINE GENERATORS VIA ELECTROLYSIS

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RANGE

## Product.
## Onsite Chlorine Generators via Electrolysis

Our proprietary Commercial Inline Fresh, Mineral and Salt Chlorine Generators are becoming the industry standard for ensuring primary sanitation levels are maintained for regulatory compliance, health and peace of mind.

These generators are the safest, most cost effective and efficient means to produce chlorine from dissolved salts and minerals found in the water through the process of electrolysis.

Generators ranging from 115 to 4815 gram/hour.

## Applications.

- Learn to swim pools
- Aquatic centres
- Water parks
- Splash pads and water slides
- Hydrotherapy pools and spas
- Resorts and hotel pools

## Range.

- F Series Low-Salinity (TDS levels 1,200-5,000ppm)
- M Series (TDS levels 3,500-5,000ppm)
- S Series (TDS levels 5,000-35,000ppm)

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## Product Highlights.

- Proprietary Technology
- Mineral and Salt Compatible
- Extended Electrode Life Technology
- Sealed Ingression Proof Cabinet
- Robust at High Ambient Temperatures
- Skid Mounted Modular Design
- Minimal Footprint
- Built To Last Using High Quality Components
- Can Be Customised For Unique Applications
- Low Maintenance
- Reduce Storage And Handling Of Chemicals
- Australian Designed and Made

## Standard Features.

- Reverse Polarity Self-Cleaning Cell
- Transparent Cell Housing For Easy Inspection
- Proprietary Inductor Technology
- In-built Thermal and Water Flow Protection
- Proprietary Passive Water Cooled Insulated Cabinet
- Electronic Current Control
- Built-in Acid Wash System
- External or Inbuilt Manual Control
- Overload and Overvoltage Protection Systems
- Temperature and Water Flow Protection
- Pressure Relief Valve
- User Friendly Interface With Backlit LCD Display
- PLC Controller
- Inbuilt Self Diagnostics and Service Screen

## Optional Features.

- Data Integration With Building Management Systems
- Remote Monitoring – SMS or Web-Based

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# F SERIES

Freshwater

Onsite Chlorine Generators via Electrolysis

## Features.

- Designed For Commercial Freshwater (Low TDS) Pools
- TDS Levels 1,200 - 5,000ppm
- Low TDS (Freshwater), Mineral and Salt Compatible
- Chlorine Output from 115 to 2,000 grams/hr
- Custom Chlorine Output Available
- Custom Sizing To Suit Plant Room
- Warranty 3* Years

| MODEL† | CHLORINE Grams / Hour | | POWER kW/voltage | | MINIMUM WATER FLOW | FLANGE DIAMETER | WEIGHT GROSS |
|---|---|---|---|---|---|---|---|
| | at 1200 mg/L TDS | at 2500 mg/L TDS | at 1200 mg/L TDS | at 2500 mg/L TDS | Litres/Min | mm | kg |
| F115 | 115 | 172 | 2.0kW / 240 v | 1.6kW / 240 v | 120 | 50 | 140 kg |
| F130 | 130 | 197 | 2.2kW / 240 v | 1.9kW / 240 v | 230 | 50 | 140 kg |
| F225 | 225 | 341 | 3.8kW / 415 v | 3.2kW / 415 v | 230 | 100 | 160 kg |
| F260 | 260 | 394 | 4.4kW / 415 v | 3.7kW / 415 v | 480 | 100 | 160 kg |
| F350 | 350 | 530 | 5.9kW / 415 v | 5.0kW / 415 v | 480 | 100 | 160 kg |
| F450 | 450 | 682 | 7.6kW / 415 v | 6.4kW / 415 v | 480 | 100 | 200 kg |
| F550 | 550 | 833 | 9.3kW / 415 v | 7.9kW / 415 v | 750 | 100 | 200 kg |
| F700 | 700 | 1061 | 11.9kW / 415 v | 10.0kW / 415 v | 750 | 100 | 450 kg |
| F800 | 800 | 1212 | 13.6kW / 415 v | 11.5kW / 415 v | 900 | 100 | 450 kg |
| F1100 | 1100 | 1667 | 18.7kW / 415 v | 15.8kW / 415 v | 1200 | 100 | 470 kg |
| F1350 | 1350 | 1800 | 22.9kW / 415 v | 17.0kW / 415 v | 1600 | 100 | 900 kg |
| F1750 | 1750 | 2652 | 29.7kW / 415 v | 25.1kW / 415 v | 1800 | 200 | 900 kg |
| F2000 | 2000 | 2667 | 33.9kW / 415 v | 25.2kW / 415 v | 2100 | 200 | 940 kg |

**Please contact us for further technical data**

† Other generation capactities available up to 3000g/hr

*Warranty available on obtaining Sizing Certificate Brauer Swim

PROPRIETARY INDUCTOR TECHNOLOGY
INSIDE BRAUER SWIM

TDS RANGE 1200-35000 PPM

LOW MAINTENANCE

EXTERNAL CONTROL

5 STAR MINERAL AND SALT COMPATIBLE

PROPRIETARY INDUCTOR TECHNOLOGY

COMMERCIAL QUALITY

# M SERIES

Minerals

Onsite Chlorine Generators via Electrolysis

## Features.

- Designed For Commercial Mineral Pools
- TDS Levels 3,500 - 5,000ppm
- Mineral and Salt Compatible
- Chlorine Output from 250 to 4,000 grams/hr
- Custom Chlorine Output Available
- Custom Sizing To Suit Plant Room
- Warranty 3* Years

| MODEL† | CHLORINE Grams / Hour | | POWER kW/voltage | | MINIMUM WATER FLOW | FLANGE DIAMETER | WEIGHT GROSS |
|---|---|---|---|---|---|---|---|
| | at 3500 mg/L TDS | at 5000 mg/L TDS | at 3500 mg/L TDS | at 5000 mg/L TDS | Litres/Min | mm | kg |
| M250 | 250 | 300 | 2.0kW / 240 v | 1.8kW / 240 v | 150 | 50 | 160 kg |
| M350 | 350 | 420 | 2.8kW / 415 v | 2.5kW / 415 v | 150 | 100 | 160 kg |
| M500 | 500 | 600 | 4.0kW / 415 v | 3.5kW / 415 v | 150 | 100 | 160 kg |
| M700 | 700 | 830 | 5.5kW / 415 v | 4.9kW / 415 v | 300 | 100 | 190 kg |
| M1000 | 1000 | 1190 | 7.9kW / 415 v | 7.0kW / 415 v | 390 | 100 | 200 kg |
| M1500 | 1500 | 1785 | 11.9kW / 415 v | 10.4kW / 415 v | 390 | 100 | 450 kg |
| M2000 | 2000 | 2380 | 15.8kW / 415 v | 13.9kW / 415 v | 390 | 100 | 450 kg |
| M2500 | 2500 | 2980 | 19.8kW / 415 v | 17.4kW / 415 v | 390 | 100 | 900 kg |
| M3000 | 3000 | 3610 | 23.7kW / 415 v | 21.1kW / 415 v | 390 | 100 | 900 kg |
| M3500 | 3500 | 4215 | 27.7kW / 415 v | 24.7kW / 415 v | 390 | 100 | 900 kg |
| M4000 | 4000 | 4815 | 31.6kW / 415 v | 28.2kW / 415 v | 390 | 100 | 900 kg |

**Please contact us for further technical data**

† Other generation capactities available up to 3000g/hr

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# S SERIES

Saltwater

Onsite Chlorine Generators via Electrolysis

## Features.

- Designed For Commercial Saltwater and Seawater Pools
- TDS Levels 5,000 - 35,000ppm
- Mineral, Salt and Seawater Compatible
- Chlorine Output from 300 to 4,815 grams/hr
- Custom Chlorine Output Available
- Custom Sizing To Suit Plant Room
- Warranty 3* Years

| MODEL† | CHLORINE Grams / Hour at 5000 mg/L TDS | POWER kW/voltage at 5000 mg/L TDS | MINIMUM WATER FLOW Litres/Min | FLANGE DIAMETER mm | WEIGHT GROSS kg |
|---|---|---|---|---|---|
| S300 | 300 | 1.8kW / 240 v | 150 | 50 | 160 kg |
| S400 | 420 | 2.5kW / 415 v | 150 | 100 | 160 kg |
| S600 | 600 | 3.5kW / 415 v | 150 | 100 | 160 kg |
| S650 | 655 | 3.8kW / 415 v | 150 | 100 | 190 kg |
| S850 | 830 | 4.9kW / 415 v | 300 | 100 | 190 kg |
| S1200 | 1190 | 7.0kW / 415 v | 390 | 100 | 200 kg |
| S1300 | 1310 | 7.7kW / 415 v | 390 | 100 | 200 kg |
| S1650 | 1670 | 9.8kW / 415 v | 390 | 100 | 450 kg |
| S2400 | 2380 | 13.9kW / 415 v | 390 | 100 | 450 kg |
| S2500 | 2500 | 14.6kW / 415 v | 390 | 100 | 470 kg |
| S3000 | 2980 | 17.4kW / 415 v | 390 | 100 | 900 kg |
| S3600 | 3610 | 21.1kW / 415 v | 390 | 100 | 900 kg |
| S4200 | 4215 | 24.7kW / 415 v | 390 | 100 | 900 kg |
| S4800 | 4815 | 28.2kW / 415 v | 390 | 100 | 900 kg |

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TDS RANGE 1200-35000 PPM

LOW MAINTENANCE

EXTERNAL CONTROL

MINERAL AND SALT COMPATIBLE

PROPRIETARY INDUCTOR TECHNOLOGY

COMMERCIAL QUALITY

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# The difference is Brauer Swim.

### Brauer Swim where tradition meets innovation.

Brauer Swim has become one of the leading brands for innovation and has revolutionised the commercial aquatics industry with its award winning patented technologies.

### Experience the difference.

With over 1,000 commercial installations in learn to swim, aquatic centres, resorts, hotels, theme parks, schools and council pools, we are trusted within the aquatics industry to provide efficiency, performance and support.

### Created by hand.

At every stage of our production, a master technician ensures quality control. This consistent quality control protects our exceptional reputation built by us, since 1998.

### A heritage of success.

With over 25 years of constant innovation, we have learnt that exceptional technologies come from the design, the quality of materials and the skill of the technician.

This is why all of our equipment is created, designed and manufactured in Australia by us.

### Performance that inspires.

Our exceptional performance is generated by our uniquely engineered designs that make any pool water clean, clear, healthy and hassle free.

Be inspired like other customers such as Elements at Bryon Bay, Palazzo Versace, The Star, Sheraton, Sea World, Dreamworld and 1000+ more.

**Find out why the difference is Brauer Swim!**

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# Case Studies

## Chlorination In The Field.

**More case studies are available on request.**

**FACILITY**
John Carew Swim School

**EQUIPMENT**
F500 Onsite Chlorine Generator via Electrolysis

Watch the video by scanning QR Code

**FACILITY**
The Star Sydney

**EQUIPMENT**
2 x M500 Onsite Chlorine Generator via Electrolysis

Scan QR Code to learn more

**FACILITY**
Elements of Byron

**EQUIPMENT**
M1000 Onsite Chlorine Generator via Electrolysis

Scan QR Code to learn more

**FACILITY**
Newmarket Olympic Pool – Brisbane City Council

**EQUIPMENT**
M500, 2 x SC100 Onsite Chlorine Generator via Electrolysis

Scan QR Code to learn more

TDS RANGE 1200-35000 PPM

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# EXPERIENCE THE DIFFERENCE


**AUSTRALIA**
1300 696 631

**NEW ZEALAND**
0800 112 530


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