



Experts in water.

**DAVEY**

## The benefits for you

- Safe for your family
- Therapeutic, soft water for comfort
- Cost effective, low power use, low chemical cost
- User friendly



**DAVEY**  
**ECO-matic™**

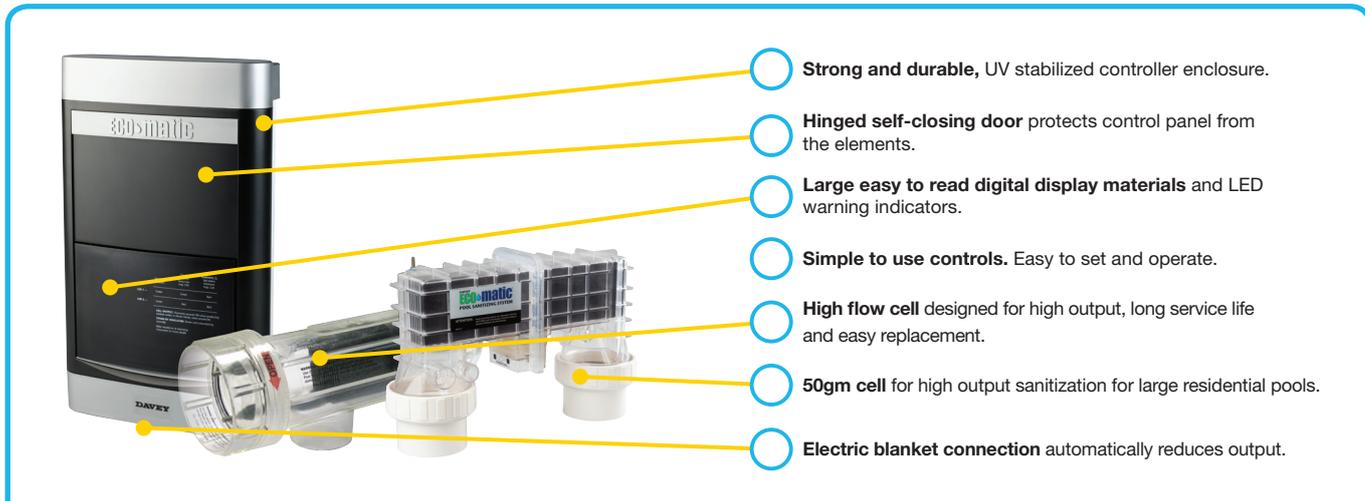
## Reverse Polarity Salt Water Chlorinator

Enjoy a naturally clean and sparkling pool all year round with a simple and automatic ECO-matic™ sanitization system.

## WHY CHOOSE THE DAVEY ECO-matic™ Salt Water Chlorinator?

- It maximises the value and enjoyment of your pool
- Eziset digital timer for quick and simple set up
- Large, easy to read digital display and LED indicators
- Models available with reverse polarity electrolytic cells for low maintenance
- Large surface area of cell plates for high rate chlorine production
- High flow rate cell design for rapid pool turnover
- Made with corrosion resistant, UV stabilized materials for long service life
- Normal mode setting to reduce sanitizer output during the colder months, saves energy and protects equipment
- Boost mode for those times when there is high bather usage
- 'Low salt', 'no flow' indicators and overload protection
- Flow detector stops electrolysis if no flow is present, preventing dangerous gas build-up
- Pump 'cut out' protects the pump when no water detected (on reverse polarity models)
- Operating salt level: 4500-6000ppm
- Optional 50Hz pH monitoring and auto-dosing peristaltic pump available





- **Strong and durable**, UV stabilized controller enclosure.
- **Hinged self-closing door** protects control panel from the elements.
- **Large easy to read digital display materials** and LED warning indicators.
- **Simple to use controls**. Easy to set and operate.
- **High flow cell** designed for high output, long service life and easy replacement.
- **50gm cell** for high output sanitization for large residential pools.
- **Electric blanket connection** automatically reduces output.

DIMENSIONS (mm)									
	Power Supply Enclosure				Cell Housing				
	Height	Width	Depth	Mounting Holes	Height	Width	Diam	Inlet/Outlet	Plumbing Holes (from centre to centre)
16 – 40gm	390	235	130	66	141	376	123	60 Actual ID*	194
50gm	390	235	130	66	206	415	125	89 Actual ID*	294

ELECTRICAL DATA – All models			
Voltage (V)	Supply Freq/Phase	Enclosure Class IP	Approval #
220-250	60Hz / 1	34	W/2333

\*ECO-matic is supplied with two Euro pipe adaptors, one of which includes an earthing bolt. Each adaptor has an ID of 50mm for 1.5” pipe and an OD of 63mm for 2” pipe.

TYPE	Maximum Pool Size Guidelines*		
	Litres Cool Climate	Litres Temperate Climate	Litres Hot Climate
	< 25°C (77°F)	25-30°C (77-86°F)	>30°C (86°F)
MEMS16CE	80,000	45,000	35,000
MEMS24CE	120,000	70,000	55,000
MEMS36CE	180,000	100,000	90,000
MEMS50CE	224,000	140,000	120,000

\* Pool sizing estimates are based on a 6 hour filtration cycle and moderate bather load. For heavy bather loads or pools located in extreme temperature / dusty environments Davey recommend that you select a higher output model.

**IMPORTANT NOTES:**

1. In ‘hard water’ applications (above 275ppm), reverse polarity systems will require regular (monthly) inspection and manual cleaning.
2. The appropriate chlorinator size for your pool is dependent on the local climate and the bather load of the pool. Please note that chlorinator cell life can be increased with shorter running times during winter and lower output settings. Davey recommends that a chlorinator is run for between 6 - 8 hours a day during summer and between 2 - 4 hours during winter. A 24 hour super chlorination is recommended after heavy pool use.
3. Please read instruction manual for further pool size and running time information.
4. Actual water temperature in cell housing must not exceed 45°C or 113°F



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This literature is not a complete guide to product usage. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2013.