



**DAVEY**

COMMERCIAL EQUIPMENT

# COMMERCIAL POOL PRODUCTS

Salt Water Chlorinators  
Heavy Duty Pool Pumps  
Media Filters

# Commercial Salt Water Chlorinators



new

**DAVEY**  
**EcoMatic®**  
COMM

PG - 3005

## LIGHT COMMERCIAL SALT WATER SYSTEM

- > High output systems with reverse polarity cells for large residential or light commercial applications
- > User-friendly controls in a lockable cabinet for simple set up and operation
- > Large, high flow rate cell for rapid pool turnover with provision for an external ORP control via a low voltage signal
- > New look commercial chlorinator coming soon
- > High efficiency switch mode power supply and logging of operational parameters for service management

### What is ORP control?

Oxidation Reduction Potential (ORP) systems monitor the sanitisation levels in the pool via a probe. This automatically adjusts the chlorine output to maintain ideal sanitation levels.

Model No.	Description	Output (g/hr)
M4920	COMM 500	50
M4921	COMM 1000	100



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## HEAVY DUTY COMMERCIAL SALT WATER SYSTEM

- > Higher output systems with reverse polarity cells for heavy duty commercial applications
- > Comprehensive controls with digital displays and LED indicators contained within a lockable cabinet
- > Large, high flow rate cell for rapid pool turnover with provision for an external ORP control via a low voltage signal

### What is ORP control?

Oxidation Reduction Potential (ORP) systems monitor the sanitisation levels in the pool via a probe. This automatically adjusts the chlorine output to maintain ideal sanitation levels.

Model No.	Description	Output (g/hr)
M4900	COMM 1200	120
M4901	COMM 2400	240
M4902	COMM 4000	400

> CONTACT DAVEY FOR SIZING, PRICING AND TECHNICAL ADVICE

# Heavy Duty Swimming Pool Pumps



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## ISOspec

### COMMERCIAL SWIMMING POOL PUMPS

- > Davey's ISOspec pumps have high flow rates, making them ideal for commercial swimming pools
- > High corrosion resistance, they are supplied standard with a 4 pole motor, bronze impeller, fusion bonded Dulux Armourspray\* epoxy powder coating inside the casing and a seal flushing kit
- > Dulux Armourspray\* is an exceptionally tough film that provides excellent coverage of protected metals. It has high chemical resistance, is resistant to corrosion and is suitable for many applications
- > Options include a 316 stainless steel impeller or all 316 stainless steel
- > Product is made to order. For model sizing advice and pricing, contact Davey

CM SERIES HYDRAULIC CAPABILITIES			
Maximum Flow	Maximum Head	Liquid Temperature	Maximum Casing Pressure
375m <sup>3</sup> /hr	160m	-15° to 110°C	16 Bar

\*Coating is independently tested by Henkel Australia Pty Ltd – ASTM D1654 utilising salt spray test facilities achieving a result of 10 out of 10 result.

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# Commercial Pool Media Filters



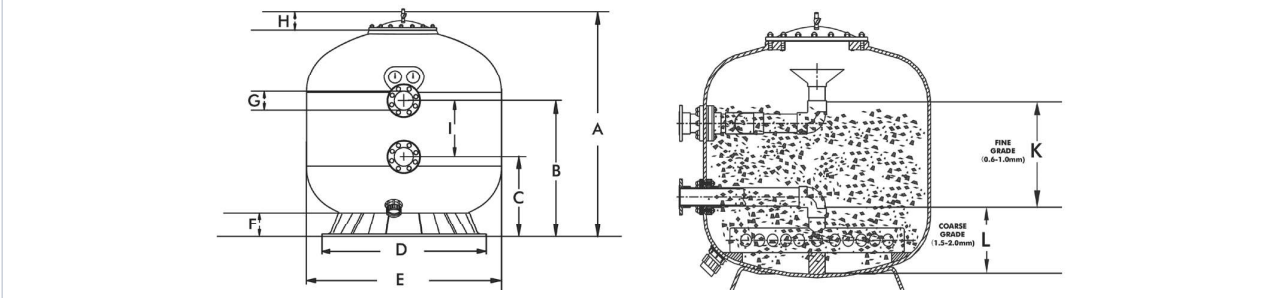
## M SERIES COMMERCIAL MEDIA FILTERS

- > Davey's range of "M Series" commercial media filters are designed for high demand and water treatment applications including: water theme parks, aquatic centres, motel pools, swim schools, car wash centres, aquariums and zoos
- > Davey's range of commercial media filters are designed to offer good water efficiency during backwashing and maintenance
- > The large media capacity, provides less frequent backwashing, saving water
- > Requires minimal maintenance and is easy to use
- > Optional side mount multiport valves available
- > Optional 4.0 bar and tested to 6.0 bar
- > Optional site glass and manhole available

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COMMERCIAL – OPERATING PERFORMANCE & MEDIA REQUIRED												
Model	Connection Size (mm)	Filtration Area (m <sup>2</sup> )	Velocity (m <sup>3</sup> /h/m <sup>2</sup> )	Filtration Flow Rate (m <sup>3</sup> /hr)	Filtration Flow Rate (lpm)	Backwash Flow Rate (m <sup>3</sup> /hr)	Backwash Flow Rate (lpm)	Backwash Flow Rate (m <sup>3</sup> /hr)	Backwash Flow Rate (lpm)	Weight (kg)	Sand Required (kg)	Gravel Required (kg)
						40m <sup>3</sup> /h/m <sup>2</sup>	40m <sup>3</sup> /h/m <sup>2</sup>	50m <sup>3</sup> /h/m <sup>2</sup>	50m <sup>3</sup> /h/m <sup>2</sup>		0.4-0.8mm	1-1.2mm
M8810	80	1.13	40	45	750	45	750	56	938	160	1375	300
M8811	100	1.54	40	61	1017	61	1017	76	1271	180	1650	450
M8812	100	2.00	40	80	1334	80	1334	100	1667	230	2150	675
M8813	150	2.70	40	101	1684	101	1684	126	2105	250	2800	750
M8814	150	3.14	40	125	2084	125	2084	156	2605	300	3800	1050
M8823	200	4.30	40	175	2917	175	2917	219	3647	500	5275	1600
M8825	250	4.90	40	200	3334	200	3334	250	4168	750	5950	2200
M8830	250	7.07	30	212	3534	283	4712	353	5890	1280	8600	3300

DIMENSIONS (mm)												
Model	A	B	C	D	E	F	G	H	I	J	K	L
M8810	1450	900	530	920	1200	170	80	100	360	230	700	350
M8811	1520	1000	530	1210	1400	180	100	100	470	300	760	380
M8812	1800	1100	610	1210	1600	180	100	100	470	300	800	400
M8813	1900	1200	640	1440	1800	230	150	100	560	350	900	450
M8814	2150	1340	780	1440	2000	230	150	100	560	350	960	480
M8823	2350	1450	890	1950	2300	280	200	100	560	500	980	500
M8825	2650	1610	1050	1950	2500	280	200	100	560	500	1000	500
M8830	3040	1880	1330	1950	3000	280	250	100	560	700	1650	850



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GENERAL INFORMATION