

# DAVEY



## DAVEY CrystalClear®ER SERIES

Model Numbers:  
DCM2440, DCM2450, DCM2850,  
DCM3250, DCM3650

**GUARANTEE**  
10 YEARS  
Tank  
3 YEARS  
Multiport valve  
1 YEAR  
Gauge, laterals,  
labour

### APPLICATIONS

Ideal for inground and above ground pools,  
Suitable for salt, mineral salt and fresh water pools.  
Models suitable for pools up to 180,000 litres.

### PREMIUM FIBREGLASS MEDIA FILTER

### FEATURES & BENEFITS

- Seamless one piece fibreglass tank, manufactured with precision filament winding machine providing long and reliable working life
- Specially designed fish tail laterals saves water, energy and time
- Water saving 30% reduction in backwash time with improved hydraulic efficiency
- Energy saving hydraulic efficiency halves the backwash flow rate, allowing for low powered energy efficient pumping options
- Enhanced water clarify from lower flow rate
- Liquid filled pressure gauge makes it easy to see when backwashing is required
- Built-in waste port sight glass for high visibility of water during backwashing
- Up to 350 kpa operating pressure
- Suitable for sand, Zelbrite and glass media

**DAVEY**

**CrystalClear®ER**  
SERIES

40 or 50 Inlet and Outlet available



- Quality 6-way multiport valve**, integrated sight glass and liquid filled pressure gauge for optimum filter control
- Robust barrel unions** for easy installation and maintenance
- Cylindrical shape** provides the most efficient filtration operation and up to 350 kPa operating pressure
- Superior quality and seamless one-piece vessel**, no welds, or no seams or special tank linings that can cause corrosion or electrolysis
- Long life UV stabilised**, filament wound injection molded or fibreglass tank
- Large media area** means better filtration with high efficiency
- Specially designed 'FISH TAIL' laterals** reduce flow rates allowing more efficient pumping and backflow operation

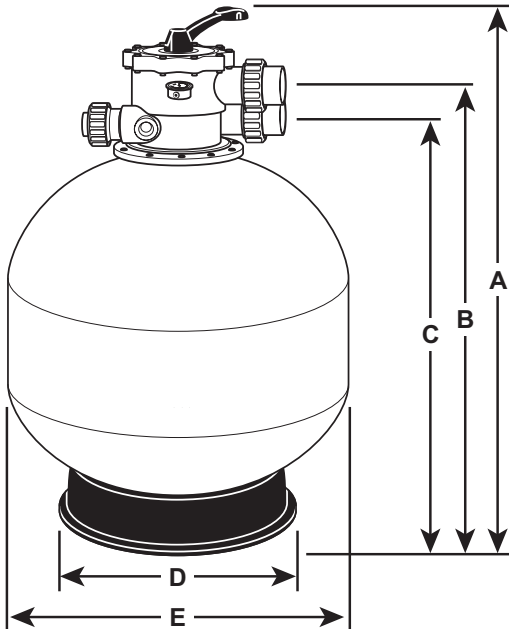
## TECHINCAL SPECIFICATIONS

Model	DCM2440	DCM2450	DCM2850	DCM3250	DCM3650
Size (inches)	24	28	32	36	
Maximum flow rate (lpm)*	226	308	402	509	
Backwash flow rate (lpm)	189	257	335	424	
Filtration area (m²)	0.28	0.38	0.5	0.64	
Maximum operational pressure (kPa)	350	250	250	250	
6 hour turnover (litres)	81,360	110,880	144,720	183,240	
Media volume (litres)	106	154	233	322	
Sand 16/30 grade (20kg/bags)	155/8	225/12	340/17	470/24	
Zelbrite (15kg/bags)	117/8	169/12	255/17	353/24	
Glass	Fine (15kg/bags)	80/6	116/8	175/12	242/17
	Coarse (15kg/bags)	53/4	77/6	117/8	162/11
Maximum working temperature	50°C				
MPV (Multi Port Valve) Connection type	Clamp Type	Clamp type	Bolt type	Bolt type	Bolt type

\* Based on the Residential flow rate, velocity of 48m³/hr/m²

## DIMENSIONS (mm)

Model	A	B	C	D	E	Inlet / Outlet size (mm)
DCM2440	1022	879	788	484	624	40
DCM2450	1050	902	804	484	624	50
DCM2850	1072	892	792	620	723	
DCM3250	1157	977	877	620	810	
DCM3650	1234	1054	954	620	910	



**daveywater.com**

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