

DAVEY

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EnduraFit

**Reliable Performance and Perfect Fit
for Crystal Clear Water**



Engineered for durability, performance,
and a seamless upgrade.

Reliable Performance and Perfect Fit for Crystal Clear Water

Why EnduraFit? You can depend on Davey

For over 90 years, Davey has helped Australians enjoy crystal-clear, easy-to-maintain pools. The new Davey EnduraFit Pool Pump range is the next step in premium pool pump performance – perfectly suited for a wide range of pools, whether it's an in-ground oasis, a backyard plunge pool or a swim spa. These pumps are ideal for customers who:

- Want whisper-quiet operation.
- Are looking to reduce energy costs and usage.
- Require strong, steady circulation.
- Value low-maintenance, long-lasting equipment.
- Are upgrading from older, noisy or inefficient pumps.

EnduraFit Pumps are designed to deliver dependable performance with smart engineering and premium features to make pool care easy. From improved flow to quieter operation, every feature is designed to maximise your pool enjoyment while minimising maintenance time. Spend less time on upkeep and more time enjoying your pool.

High-Flow, Low-Turbulence Design

To deliver maximum water movement with minimal noise, energy use, and wear; each EnduraFit pump uses a custom-shaped impeller and diffuser that work together to move water efficiently and reduce pressure loss. By smoothing out the water path and avoiding unnecessary restrictions, the pump delivers better circulation and helps cut down on energy use. More flow, less waste — and a sparkling-clean pool for less effort.

Quieter, Smoother Operation

A well-designed pump doesn't just work hard — it works quietly with Less hum and rumble, so your pool area stays peaceful. EnduraFit's carefully moulded pump body reduces turbulence that can cause noise, while the robust support base and added insulation help absorb vibration.

Engineered for Durability

Made from high-grade engineering plastics, each EnduraFit pump features a strong, single-piece strainer pot and volute (the pump's guiding shell) for maximum strength. Inside, a 316 stainless steel mechanical seal offers superior resistance to corrosion from salt, chlorine, ozone or other pool chemicals — protecting your pump for the long haul.

Even if the pump runs dry or experiences normal wear over time, EnduraFit pumps are engineered with Thermal Overload and Smart Motor Protection to prevent motor damage.

Why choose EnduraFit?

- **Premium performance:** A unique impeller and diffuser design means greater water flow, less head loss, and energy-smart operation.
- **Built to last:** Quality materials deliver longer operational life, giving you peace of mind season after season.
- **Universal fit:** Developed to easily retrofit many existing installations — no headaches, just a perfect fit.
- **Safe and quiet:** Engineered for motor protection, with solid mounting that helps reduce vibration and noise for a quieter backyard.
- **Save time and money:** Move more water, more quietly, using less energy — all while protecting your pool system and reducing your costs.
- **Energy efficiency:** Lower electricity bills without sacrificing performance
- **Better water quality:** Smooth, consistent flow improves chemical distribution and debris removal

EnduraFit ECO:

For superior energy efficiency, the EnduraFit ECO variable speed pool pump is perfect for customers wanting to reduce energy use by up to 80% by replacing their old pump with premium Davey quality.

Did you know?

EnduraFit is your premium alternative to the Davey StarFlo range, offering like-for-like specifications with leading brands — plus Davey's trusted local support.



Model Number:
DEF290, DEF430, DEF520



Models Available: DEF290, DEF430, DEF520

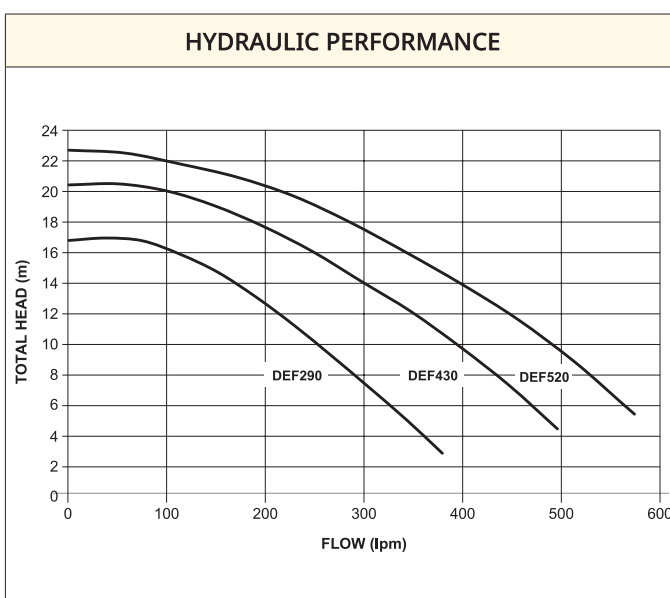
Warranty: 3 years

Applications:

- In-ground and above-ground pools up to 130,000L
- Filtration, in-floor cleaning, spa jets and heating systems pools
- Retrofit into existing applications

Electrical Data & Hydraulic Performance

ELECTRICAL DATA			
Model	DEF290	DEF430	DEF520
Voltage (VAC)	220 - 240		
Frequency (Hz)	50		
Run current (A)	4.7	6.9	9
Motor input power P1 (kW/hp)	1.06/1.4	1.61/2.2	2.05/2.7
Motor input power P2 (kW/hp)	0.8/1.0	1.1/1.5	1.5/2.0
Nominal speed (rpm)	2810	2850	2880
Enclosure class (IP)	X5		
Insulation class	F		
Sound level (dBa @ 1m)	63	66	69
Max water temperature (°C)	45 °C		
Max ambient temperature (°C)	50 °C		
Max casing pressure (kPa)	350 kPa		



Dimensions

DIMENSIONS (mm)				
Model	DIM A	Mounting Holes Diameter	Inlet/Outlet PVC	Net Weight (kg)
DEF 290	626	Ø9mm 132 front / 120 rear	40mm & 50mm	17
DEF 430	645			20
DEF 520	685			23

ØM10 Mounting Holes:
132 Front / 120 Rear

Quick-fit make
UPVC pipe
connection fast
and easy

Clear lid allows
quick checks and
easy access

One-piece diffuser/
nozzle boosts flow and
cuts energy loss

Design
protects
motor from
water

Includes 50mm
unions for easy,
standard-fit
installs

Motor ensures
strong,
long-lasting
performance

One-piece
reinforced body
resists wear and
corrosion

Large 2.05L
basket traps
debris and
protects impeller

Easy-access
drain ports for
cleaning and
winter prep

Shock-absorbing
base for stable,
quiet operation

IPX5 motor with stainless
shaft, fan cooling, and
thermal cut-out

YOU CAN DEPEND ON

DAVEY

Your pool, your lifestyle — our priority.

Proudly Australian

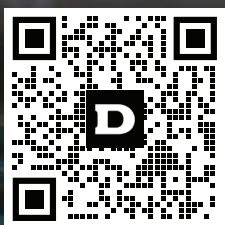
For almost 90 years Davey has been manufacturing products that help protect and enhance people's lives. Whether you need perfect pressure, healthy drinking water, protection from fire and flood, a clean, relaxing pool or spa, or water to run your farm or business, you can depend on Davey for the right solution.

When you choose Davey, you get more than a pump. You get the backing of a trusted Australian company with nearly a century of experience in water solutions — protecting what you value most.

- Quality you can see and feel
- Quiet, stable operation
- Simple installation
- Genuine local support & warranty

Find out more

Visit daveywater.com, contact your Davey Master Dealer or Authorised Reseller, or scan the QR code below.



DAVEY CUSTOMER SUPPORT Ph 1300 232 839 | E sales@daveywater.com



daveywater.com

Davey Water Product Pty Ltd
A member of the Waterco Group
ABN 18 066 327 517

Australia H/O & Mfg
6 Lakeview Drive,
Scoresby, Vic Australia 3179
Ph : +61 3 9730 9222
Fax: +61 3 9753 4100
Email: Sales@Davey.com.au

NEW ZEALAND
7 Rockridge Avenue,
Penrose, Auckland NZ 1061
Ph : +64 9 570 9135
Fax : +64 9 527 7654
Email: sales@dpw.co.nz

EUROPE
Ph: +33 4 72 13 95 07 | Email: info@daveyeurope.eu

NORTH AMERICA
Ph: 1-888-755-8654 | Email: info@daveyusa.com

MIDDLE EAST
Ph: +971 50 6368764 | Email: info@daveyuae.com

