

DEPEND ON
DAVEY



Model Numbers:
ED16-40NPT

WARRANTY
2 YEARS

APPLICATIONS

Ideally designed for domestic pressure boosting applications in medium sized homes. Excellent for pumping clean water from below ground storage tanks. EvoDrive is suitable for duty/ standby / assist applications when connected in dual pump configuration.

DAVEY EvoDrive

INTELLIGENT CONSTANT PRESSURE PUMP

FEATURES & BENEFITS

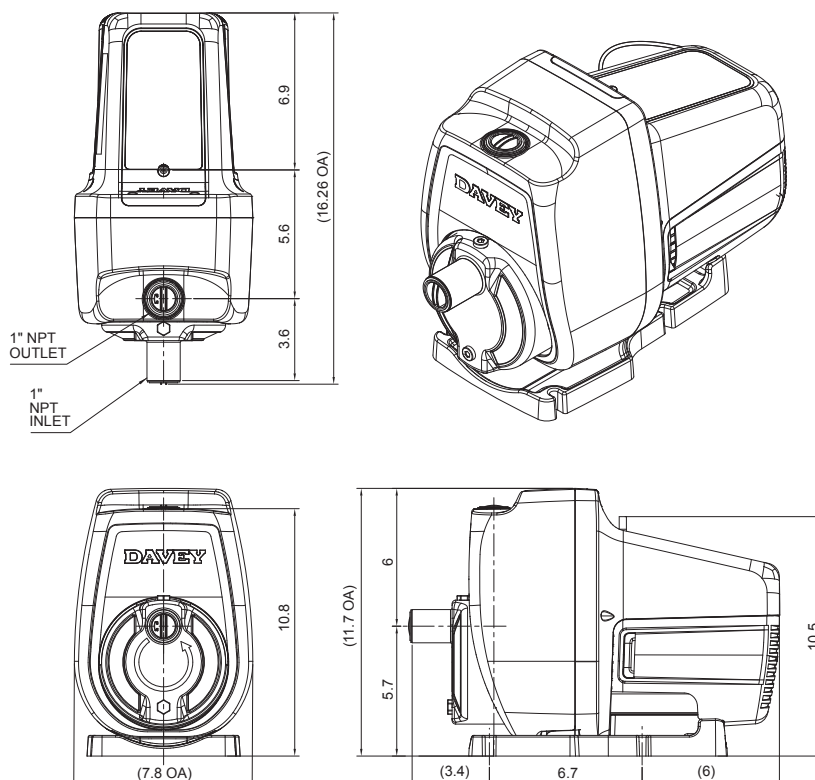
- VSD Controlled constant pressure performance
- Touch panel illuminated control
- Dry run protection
- Simple plug and pump automatic operation
- 304 stainless steel casing and impeller
- Digital control interface with fault warnings
- Adjustable pressure settings
- Loss of prime protection
- Economical and quiet
- Suction lift up to 13ft
- Permanent magnet motor
- Dual pump connection output for duty/standby assist configuration. (Connection cable sold separately)

OPERATING LIMITS	
Flow rate @ 60psi	10.5 gpm (factory set point)
Flow rate @ 40psi	16 gpm (BEP)
Flow rate @ 20psi	22 gpm
Maximum casing pressure	145psi
Default set pressure	60psi
Maximum pressure	95psi
Maximum flow	28 gpm
Maximum suction lift	13ft
Default cut-in pressure	56psi
IP rating	X5
Operating ambient/air temp range	32-122°F
Pressure tank valve connection	Schrader valve
Tank pre-charge (default)	47-50psi
Max humidity	93%
Operating water temp range	37-158°F
Nature of fluids	Clean, clear, non-corrosive, with neutral pH
Solids in Fluid	Maximum sand/silica concentration 0.04oz/ft ³
Safety	UL 778, EN60335.1, EN60335.2.41
EMC	EN55014

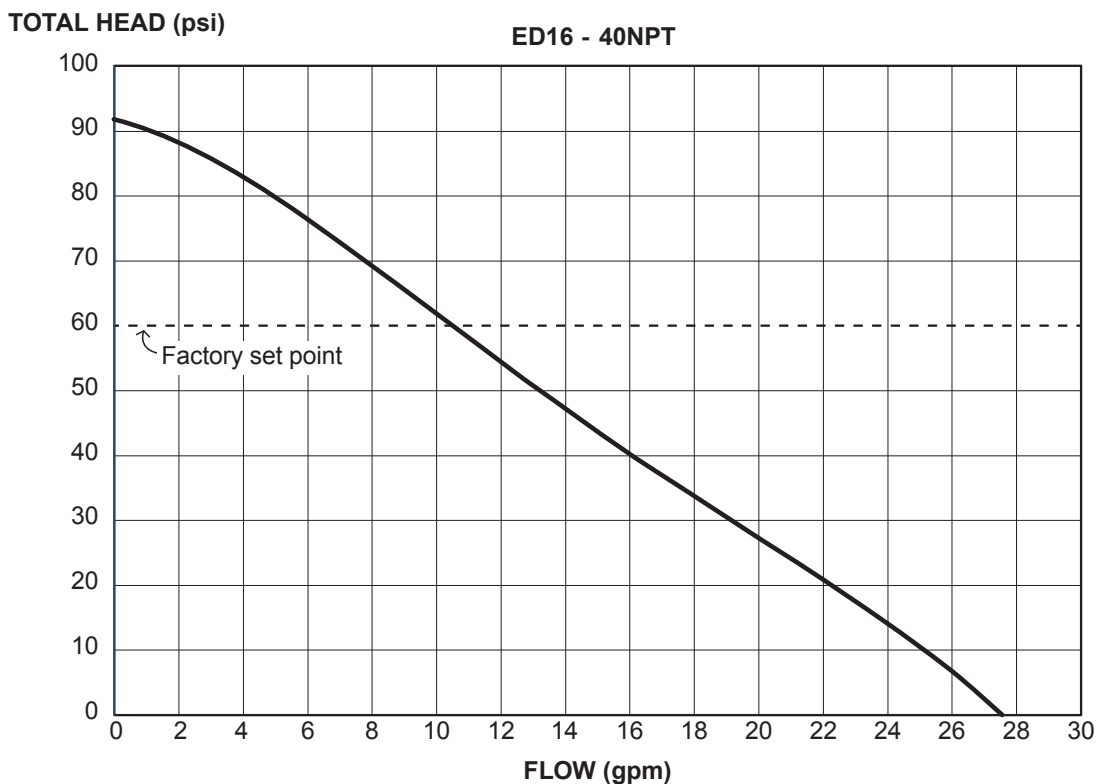
MATERIALS OF CONSTRUCTION	
PART	MATERIAL
Casing	304 Stainless Steel
Impellers	304 Stainless Steel
Stages (casing)	304 Stainless Steel
Pump shaft	304 Stainless Steel
Diffusers	Noryl
Mechanical seal	SIC/C
O-rings	Nitrile
Plugs	Hpb59-1 Brass
Motor shell and lantern bracket	Aluminium Alloy with powder coat finish
Outer cover	Polycarbonate
VSD housing	Aluminium Alloy with powder coat finish
Pressure tank	Steel / butyl / glass filled nylon

ELECTRICAL DATA	
Voltage (V)	110-120
Max motor speed (rpm)	5,200
Incoming power Frequency (Hz)	60
Input power (P ₁ kW)	0.90
Maximum current (A)	11
Insulation class	F

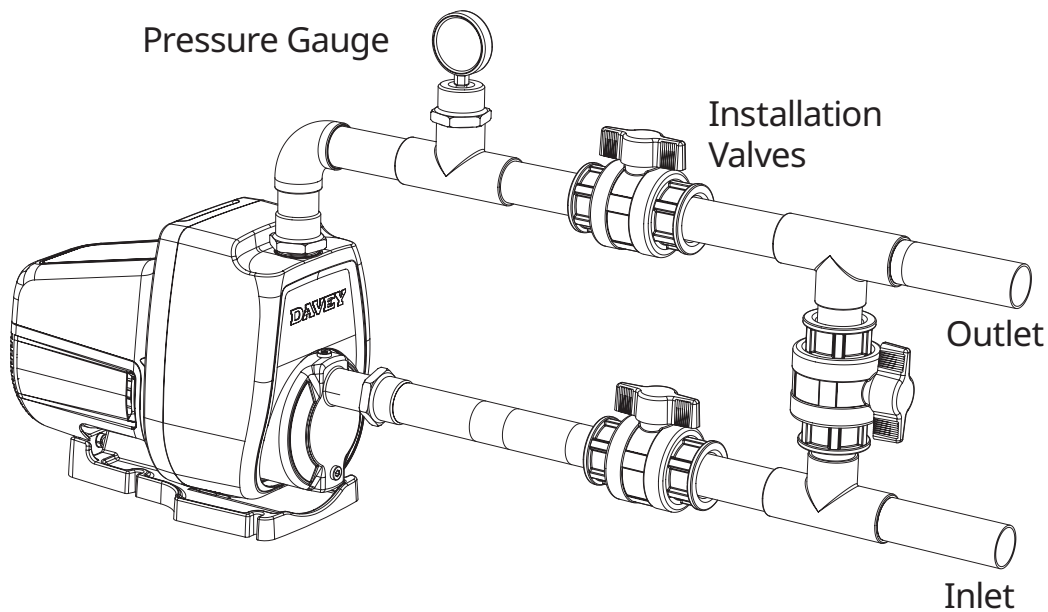
DIMENSIONS (inches)	
Inlet	1" NPT F
Outlet	1" NPT F
Number of stages (impellers)	3



HYDRAULIC PERFORMANCE



RECOMMENDED INSTALLATION SET-UP



daveywater.com

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. 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 2025.

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