

# DELTA ENVIRONMENTAL<sup>®</sup>

## D4EB SERIES

### 4" Multistage Submersible Effluent Pump

The D4EB Series 4" submersible pump in 10, 20 and 30 GPM models feature superior "draw-down" capability, reduced amp draw and cooler and quieter operation.

#### Applications

- Clean and gray water – for residential, commercial and agricultural use

#### Features

- The proven patented staging system uses a patented ceramic wear surface. When incorporated with Delta Environmental's "true" independent floating impellers it dominates with 1st-in-class performance, superior sand-handling, and a thrust management staging system with industry exclusive "dry-run" capabilities.
- Features a draw-down of 4-1/2".
- Over 25% less amp draw (9.5 amps vs. 12.7 amps, 115V) than a 4" NEMA submersible, reducing operating costs and extending the service life of float switch contacts.
- The D4EB Series uses the pumped liquid to cool the motor as it passes over the motor. The water passing over the motor dampens the motor noise, eliminating expensive "flow-inducer sleeves" required when using a standard 4" NEMA submersible.
- Precision molded impellers for perfect balance – ultra smooth for the highest performance and efficiency. Allows for .080" solids.
- Positive drive, hexagonal 7/16", 300-grade stainless steel shaft offers generous impeller drive surfaces.
- Exclusive self-lubricating Nylatron<sup>®</sup> shaft bearing resists surface wear from sand and abrasives.
- 300-grade heavy-walled stainless steel shell, corrosion resistant.

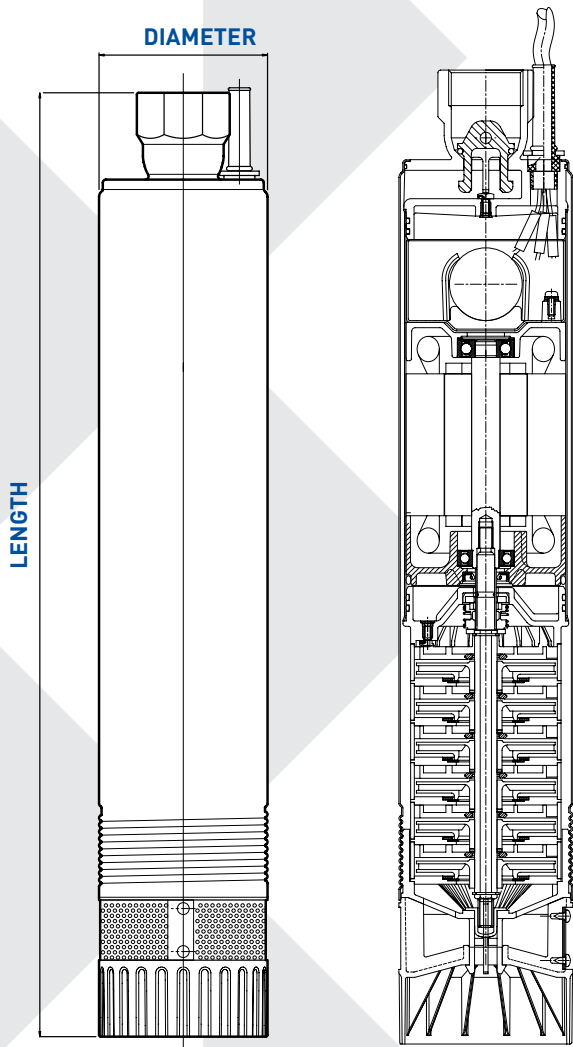


Pump Specifications	
Shell	Stainless steel (300 grade)
Discharge	1 1/4" Fiberglass-reinforced thermoplastic
Discharge Bearing	Nylatron <sup>®</sup>
Impellers	Acetal
Diffusers	Polycarbonate
Suction Caps	Polycarbonate with stainless steel wear ring
Thrust Pads	Proprietary spec.
Shaft and Coupling	Stainless steel (300 grade)
Intake	Fiberglass-reinforced thermoplastic
Intake Screen	Stainless steel
Jacketed Cord	600V "SJOW" jacketed 10' leads, 2-wire with ground
Agency Listing	CSA

In order to provide the best products possible, specifications are subject to change.

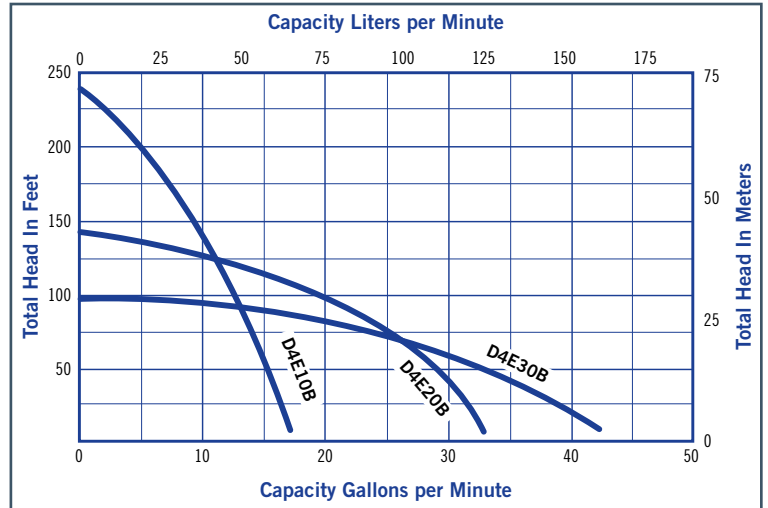
# Dimensional Data

Dimensions (in inches) are for estimating purposes only.



GPM	Length	Diameter
10	21.6" (549 mm)	3.86" (98 mm)
20	20.8" (529 mm)	3.86" (98 mm)
30	20.6" (523 mm)	3.86" (98 mm)

# Pump Performance



Pump Model	Flow Rate (GPM)	Capacity in Gallons per Minute										
		PSI										
		0	10	20	30	40	50	60	70	80	90	100
D4E10B	10	-	-	15.0	13.7	12.7	11.5	10.2	8.4	6.5	4.3	1.0
D4E20B	20	-	-	30.0	26.0	21.5	14.2	4.4	-	-	-	-
D4E30B	30	-	38.5	33.3	25.8	16	-	-	-	-	-	-

Pump Model	Flow Rate (LPM)	Capacity in Liters per Minute										
		Bar										
		0	.69	1.38	2.07	2.76	3.45	4.13	4.82	5.51	6.20	6.89
D4E10B	10	-	-	56.8	51.9	48.1	43.5	38.6	31.8	24.6	16.3	3.8
D4E20B	20	-	-	113.6	98.4	81.4	53.7	16.7	-	-	-	-
D4E30B	30	-	145.7	126.0	97.7	60.6	-	-	-	-	-	-

Ordering Information							
Catalog Number	HP	Max. Load Amps	Volts	Phase/Cycle	Cord Length	Pallet Qty.	Weight (Lbs.)
D4E10B-10	1/2	11.0	115	1/60	10'	80	16
D4E20B-10	1/2	9.5	115	1/60	10'	80	16
D4E30B-10	1/2	9.5	115	1/60	10'	80	16



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

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