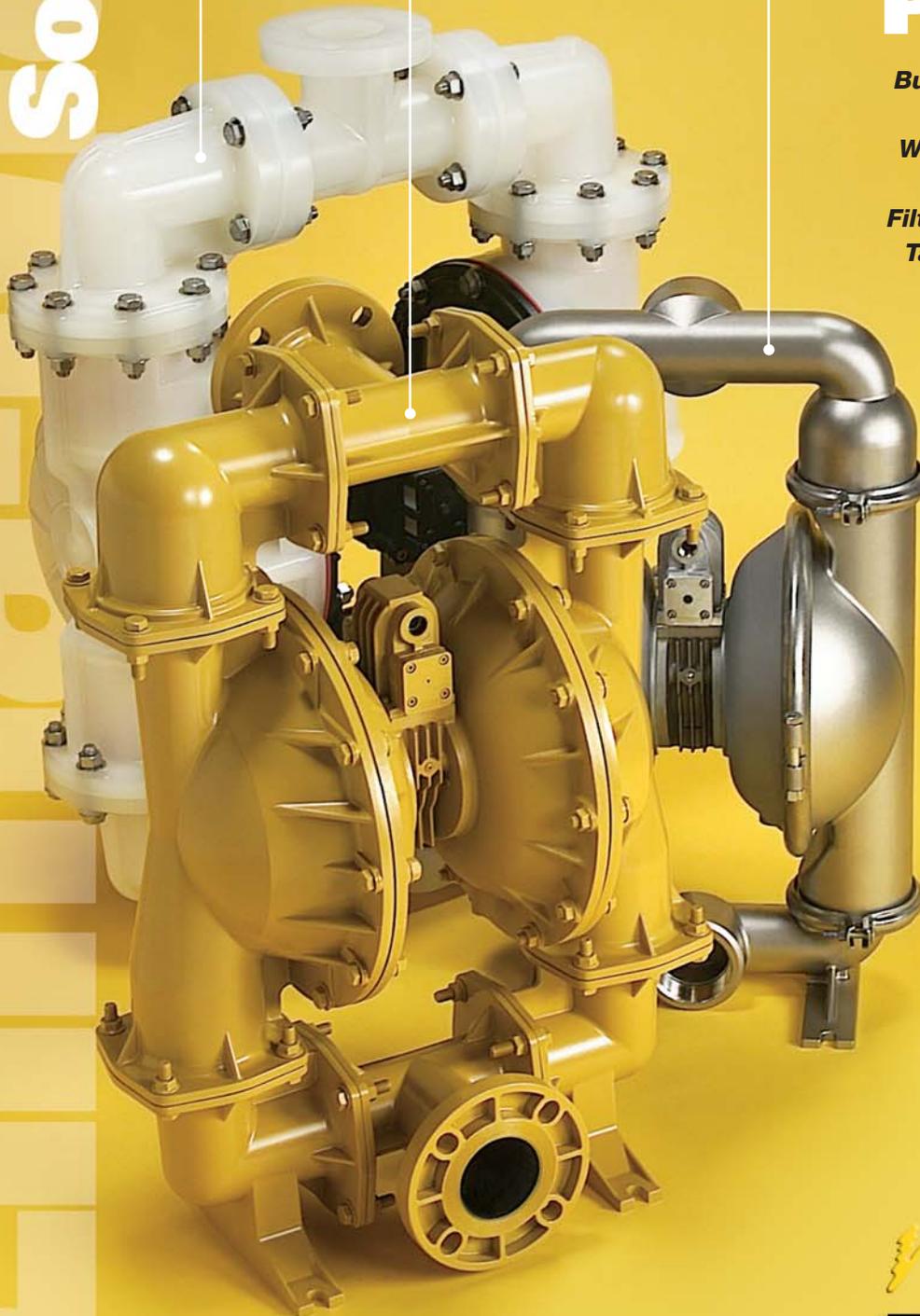


Solutions

Bolted Plastic

Clamped Metallic

Bolted Metallic



**VERSA-MATIC
PUMP**

E3

**THREE INCH
PUMPS**

*Bulk Chemical Transfer
Resins Transfer
Wastewater Treatment
Food Processing
Filter Press Applications
Tanker Car Unloading*



IDEX
IDEX CORPORATION

When you need to pump large volumes, we've got the solution.

Versa-Matic E3 3" Pumps

Sometimes you need a pump that can handle more, whether your application is transferring bulk chemicals or consumer beverages. That's why Versa-Matic offers a complete line of three-inch pumps that can get the job done safely and quickly.

These AODD pumps provide you more options to match your application needs, while delivering an unsurpassed level of reliability. Each pump features an innovative air-valve system that eliminates stalling, icing and the need to lubricate, so you achieve reduced downtime and continued pump performance.

E3 Specifications

	Flow Rate	Maximum Particle Size	Air Inlet	Air Exhaust	Materials of Construction
E3 Clamped Metallic	0-230 gpm	.375" diameter	0.50" NPT	1.0" NPT	A, C, S, H
E3 Bolted Metallic	0-230 gpm	.75" diameter	0.50" NPT	1.0" NPT	A, H, S
E3 Bolted Plastic	0-238 gpm	.71" diameter	0.75" NPT	1.0" NPT	P, K

A=Aluminum, C=Cast Iron, H=Hastelloy C, K=PVDF Kynar, P=Polypropylene, S=Stainless Steel



E3 Clamped 3" Clamped Metallic Pump



SPECIFICATIONS

E3C

	English	Metric
Flow rate		
adjustable to	0-230 gpm	0-871 lpm
Port size		
Inlet and Outlet	3.0" NPT	BSP
Air inlet	0.5" NPTF	
Air exhaust	1.0" NPTF	
Suction lift*		
Dry (Teflon®)	20' (10')	6.10 m (3.05 m)
Wet (Teflon®)	25' (20')	7.62 m (6.10 m)
Max. particle size		
Diameter	0.375"	9.52 mm
Shipping weight		
Aluminum	115 lbs	52.16 kg
Cast Iron	210 lbs	95.25 kg
Hastelloy C	220 lbs	99.79 kg
Stainless Steel	210 lbs	95.25 kg

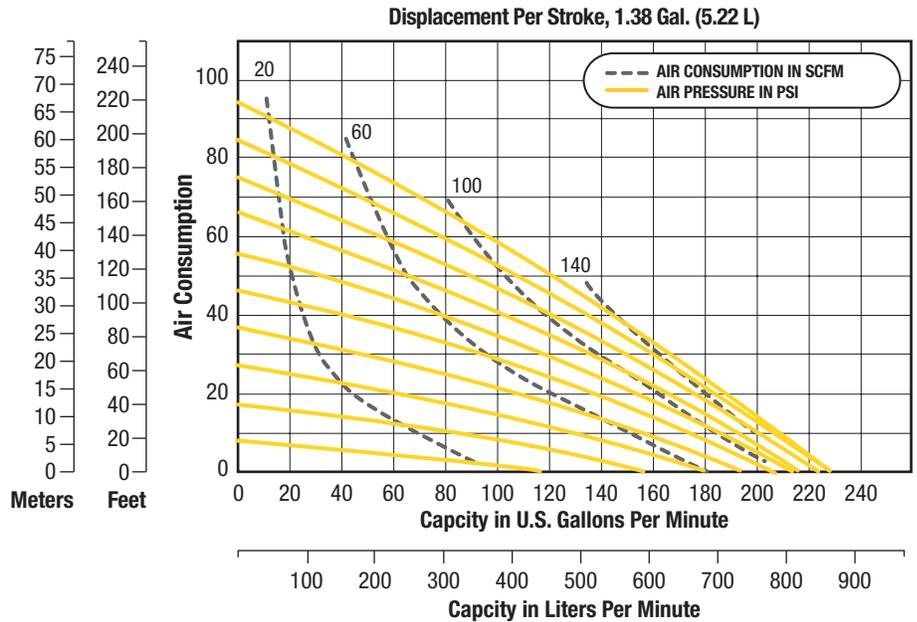
Teflon® is a registered trademark of DuPont.

- **Clamped design** provides quick teardown for repairs
- **Non-stalling, non-icing, lube-free** air valve system
- Available in **food grade stainless steel** with tri-clamp connections
- Optional **screen-mount** base available for aluminum model



PERFORMANCE

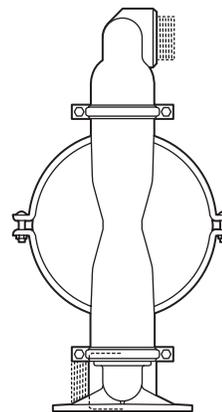
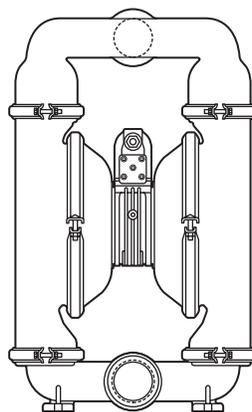
E3C



* For E3C pumps fitted with Teflon® diaphragms, reduce water discharge figures by 20%. Suction lift is reduced to 10' (3.05 m) dry and 20' (6.10 m) wet.

DIMENSIONS

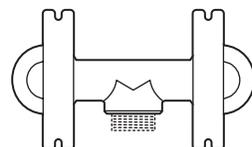
E3C



ITEM	INCHES	METRIC MM
A	20.00	508
B	32.00	813
	32.75*	832*
C	29.62	752
	30.50*	775*
D	21.50	546
E	2.30	58
F	2.30	58
G	9.00	229
H	4.00	102
	2.75**	70**
I	4.00	102
	2.75**	70**
J	14.25	362
K	12.00	305
L	.60 (slot width)	15 (slot width)
M	10.00	254
N	11.00	279

*Cast Iron Pumps

**Cast Iron, Hastelloy C and Stainless Steel Pumps



E3 Bolted 3" Bolted Metallic Pump



SPECIFICATIONS

E3B

	English	Metric
Flow rate		
adjustable to	0-230 gpm	0-871 lpm
Port size		
Inlet and Outlet	3" ANSI 150# class DIN 80 Flange	
Air inlet	0.5" NPT	
Air exhaust	1.0" NPT	
Suction lift*		
Dry (Teflon®)	20' (10')	6.10 m (3.05 m)
Wet (Teflon®)	25' (20')	7.62 m (6.10 m)
Max. particle size		
Diameter	0.75"	19.0 mm
Shipping weight		
Aluminum	150 lbs	68 kg
Hastelloy C	275 lbs	125 kg
Stainless Steel	250 lbs	113 kg

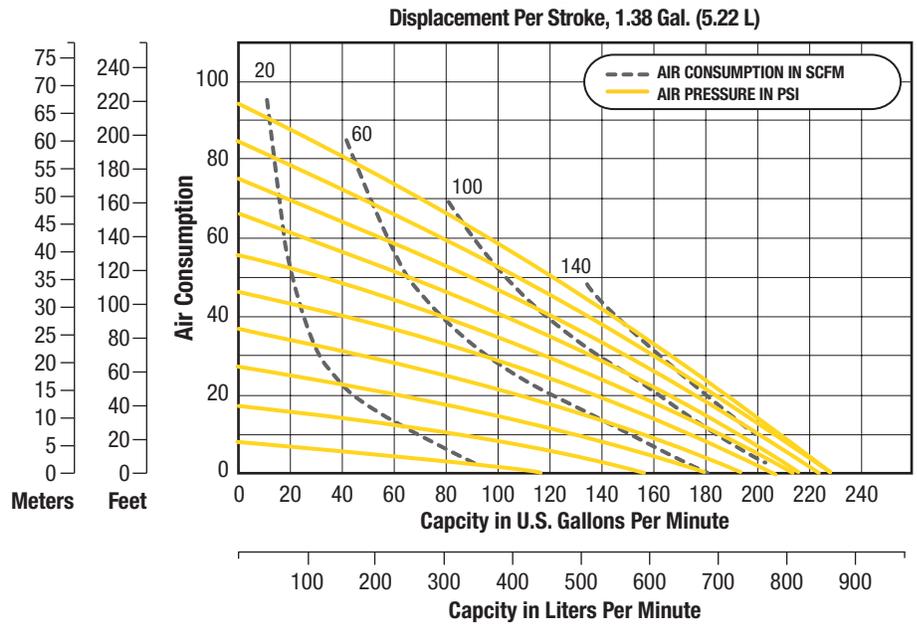
Teflon® is a registered trademark of DuPont.

- **Leak-free bolted design** for a greater positive seal
- **Larger particle clearance** (3/4"/19.1 mm)
- Includes both **ANSI and DIN** flange connections
- **Non-stalling, non-icing, lube-free** air valve system



PERFORMANCE

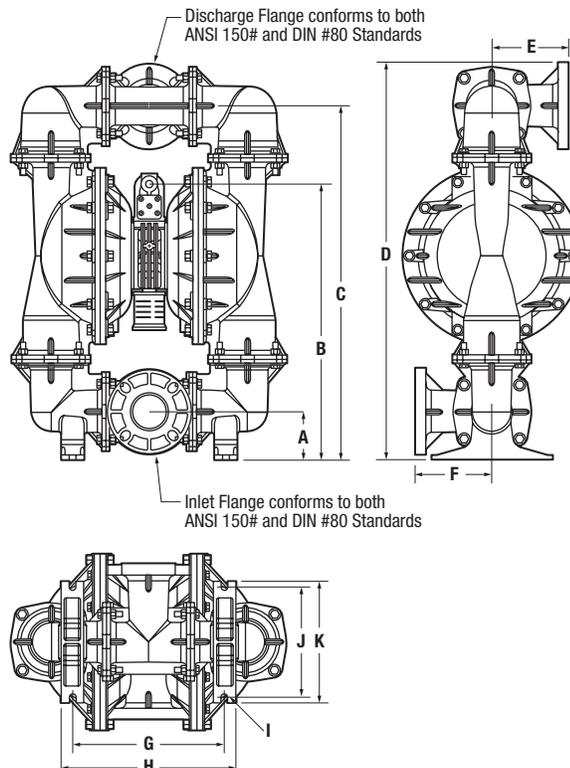
E3B



* For E3B pumps fitted with Teflon® diaphragms, reduce water discharge figures by 20%.
Suction lift is reduced to 10' (3.05 m) dry and 20' (6.10 m) wet.

DIMENSIONS

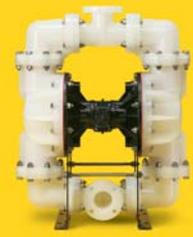
E3B



ITEM	INCHES	METRIC MM
A	4.37	111
B	24.51 [25.22]	623 [641]
C	32.12 [32.38]	816 [823]
D	36.06 [36.31]	916 [922]
E	3.50 [6.94]	89 [176]
F	3.50 [6.94]	89 [176]
G	14.12 [14.00]	359 [356]
H	16.62 [16.00]	422 [406]
I	R .30	8
J	10.00	254
K	11.00	279

[Aluminum Pumps]

E3 Plastic 3" Bolted Plastic Pump



SPECIFICATIONS

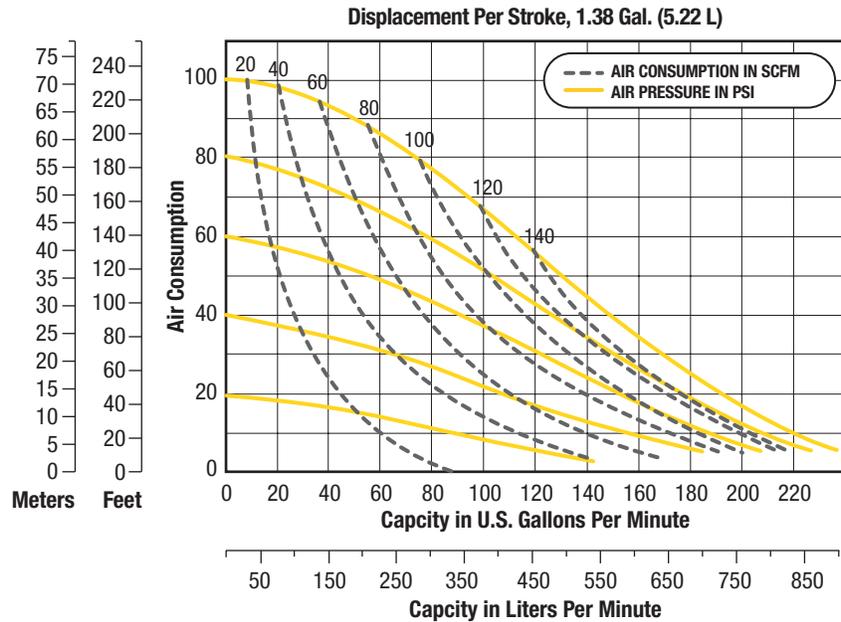
E3P

	English	Metric
Flow rate		
adjustable to	0-238 gpm	0-901 lpm
Port size		
Inlet and Outlet	3" ANSI or DIN 80 Flange	
Air inlet	0.75" NPTF	19.05 mm
Air exhaust	1" NPTF	
Suction lift*		
Dry (Teflon®)	20' (10')	6.10 m (3.05 m)
Wet (Teflon®)	25' (20')	7.62 m (6.10 m)
Max. particle size		
Diameter	0.71"	18 mm
Shipping weight		
Polypropylene	231 lbs	105 kg
PVDF	315 lbs	143 kg

Teflon® is a registered trademark of DuPont.

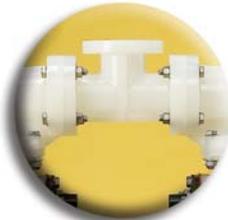
PERFORMANCE

E3P



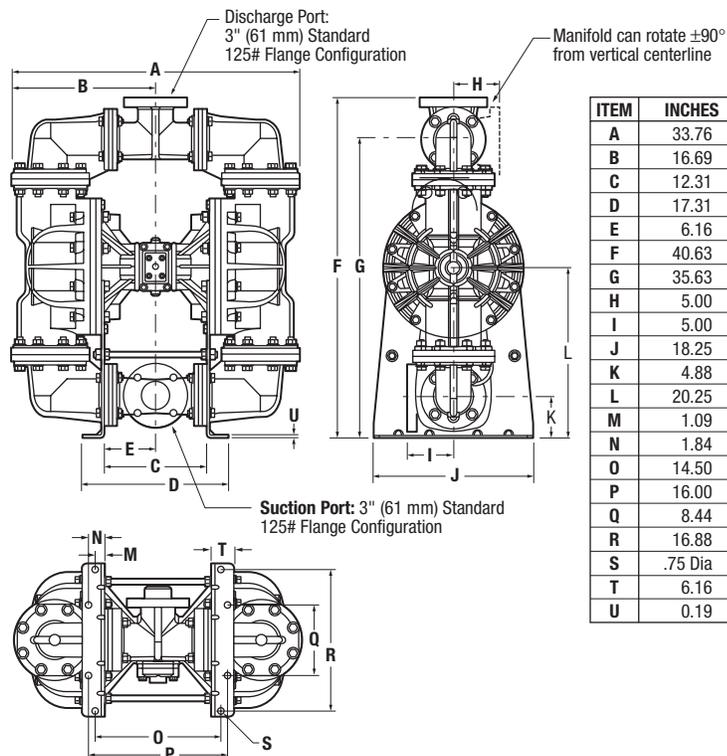
* For E3P pumps fitted with Teflon® diaphragms, reduce water discharge figures by 20%.
Suction lift is reduced to 10' (3.05 m) dry and 20' (6.10 m) wet.

- **Transfers acids and caustic solutions safely**
- **Leak-free bolted design** for a greater positive seal
- **Adjustable manifolds** for horizontal or vertical system configurations
- **Epoxy-coated air section** and stand to prevent environmental attack
- **Non-stalling, non-icing, lube-free** air valve system
- **Spill containment model** available



DIMENSIONS

E3P



ITEM	INCHES	METRIC MM
A	33.76	846
B	16.69	423
C	12.31	313
D	17.31	440
E	6.16	156
F	40.63	1032
G	35.63	905
H	5.00	127
I	5.00	127
J	18.25	464
K	4.88	124
L	20.25	514
M	1.09	28
N	1.84	47
O	14.50	368
P	16.00	406
Q	8.44	214
R	16.88	429
S	.75 Dia	19 Dia
T	6.16	156
U	0.19	5

Value-added Accessories and Diaphragms

Pump accessories to enhance your pump performance:

Surge Suppressors

Our surge suppressors provide virtually pulse-free discharge flow, for steadier pressure and less system vibration and noise. Self-charging and self-venting.



Versa-Sense™ Leak Detector

Protects product from contamination in the event of a diaphragm failure. Compared to competitor models, Versa-Sense has a much broader sensing range and can be used with confidence on a wider variety of mediums.



Anti-Shock Valves

Protect your pumps, pipes and diaphragms from damage during start-ups. Our Smart Start Anti-shock valves enable compressed air to gradually increase to the desired pressure over a time period of up to 30 seconds.



Filter/Regulator/Lubricators

FRLs improve pump performance and reduce maintenance costs. Used to filter particles and water out of the compressed air coming into the pump, as well as control the air pressure. Also controls lubrication amounts to optimize pump performance.



Versa-Matic offers the most extensive line of diaphragms in the industry, including:

- Versa-Rugged VR™ Diaphragms
- Versa-Dome® Diaphragms
- FDA Hytel® Thermoplastic Diaphragms
- TPE-XL Thermoplastic Diaphragms
- Versa-Tuff® Teflon® Diaphragms



For more information about any of Versa-Matic's complete family of air-operated double diaphragm pumps, parts and accessories, contact your local authorized distributor or visit us at www.versamatic.com.

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