

AODD Diaphragm Pump

DP12A-17/DP12P-17/DPI2SS-17 SERIES



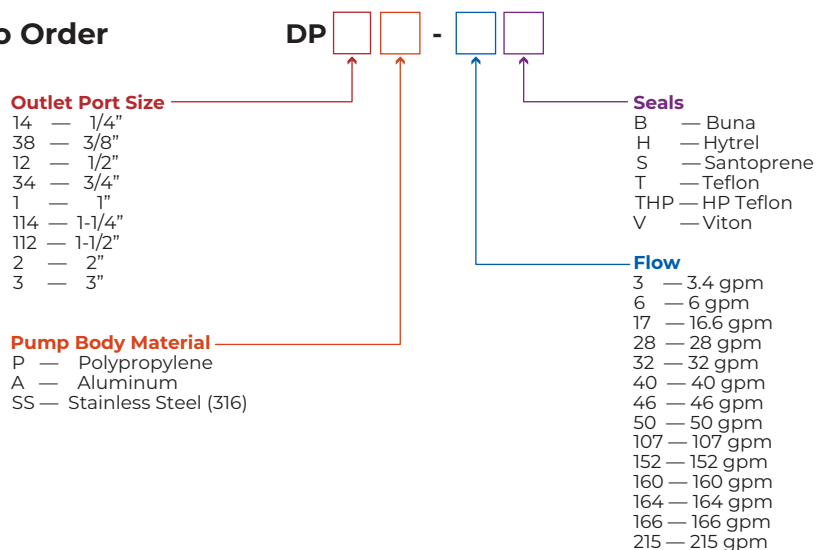
Specifications

Port Dimensions (16.6 GPM Max.)	
Intake & discharge connection:	
Polypropylene (PPG)	1/2" Female NPT
Aluminum (ADC-12)	1/2" Female NPT
Stainless Steel (316)	1/2" Female NPT
Air inlet (incl. ball valve):	1/4" Female NPT
Air exhaust (incl. silencer):	3/8" Female NPT
Maximum Liquid Temperature*	
Diaphragm Material	Temperature
Buna N	180°F (82°C)
Santoprene®**	212°F (100°C)
Hytrel® (TPEE)	248°F (120°C)
PTFE Teflon	212°F (100°C)
Air Supply Pressure (All Models)	
20-100 PSI	
Discharge Volume Per Cycle	
All diaphragms: 0.040 - 0.050 gallons.	
Maximum Cycles Per Minute	
All diaphragms: 373	
Maximum Size Solid	
1/32" (1 mm)	
Maximum Dry Suction Lift	
Rubber fitted pump capability: 13.5' PTFE fitted pump capability: 11'	
Air Motor	
Aluminum standard on metal pumps. Polypropylene standard on plastic pumps.	
Valve Type	
Ball	

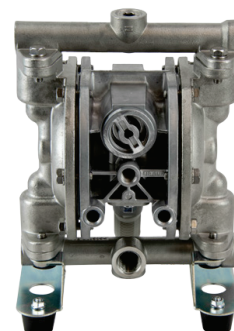
*The maximum liquid temperature for metal pumps is determined by the lastomer (diaphragm material). Pure Polypropylene pumps have a maximum liquid temperature of 180°F (82°C) regardless of diaphragm material.

** Notes: Santoprene® fitted pumps include EPDM wetted o-rings.

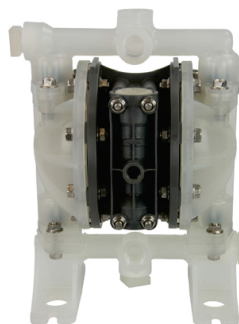
How to Order



Aluminum
Dimensions:
11.30"W x 15.08"H
Net Wt.: 27 lbs. (13.0 kg)
Shipping Wt.: 31 lbs



Stainless Steel
Dimensions:
11.30"W x 15.08"H
Net Wt.: 43 lbs. (19.9 kg)
Shipping Wt.: 46 lbs



Polypropylene
Dimensions:
14.40"W x 16.90"H
Net Wt.: 29 lbs. (10.9 kg)
Shipping Wt.: 30 lbs

Series Models

DP12A-17H
DP12A-17B
DP12A-17T
DP12P-17B
DP12P-17S
DP12P-17T
DPI2SS-17T

Reference:
+ Corrosion Resistance
Guide: 36800

BIJUR DELIMON INTERNATIONAL

(919) 465-4448 **LOCAL**
(800) 631-0168 **TOLL-FREE**
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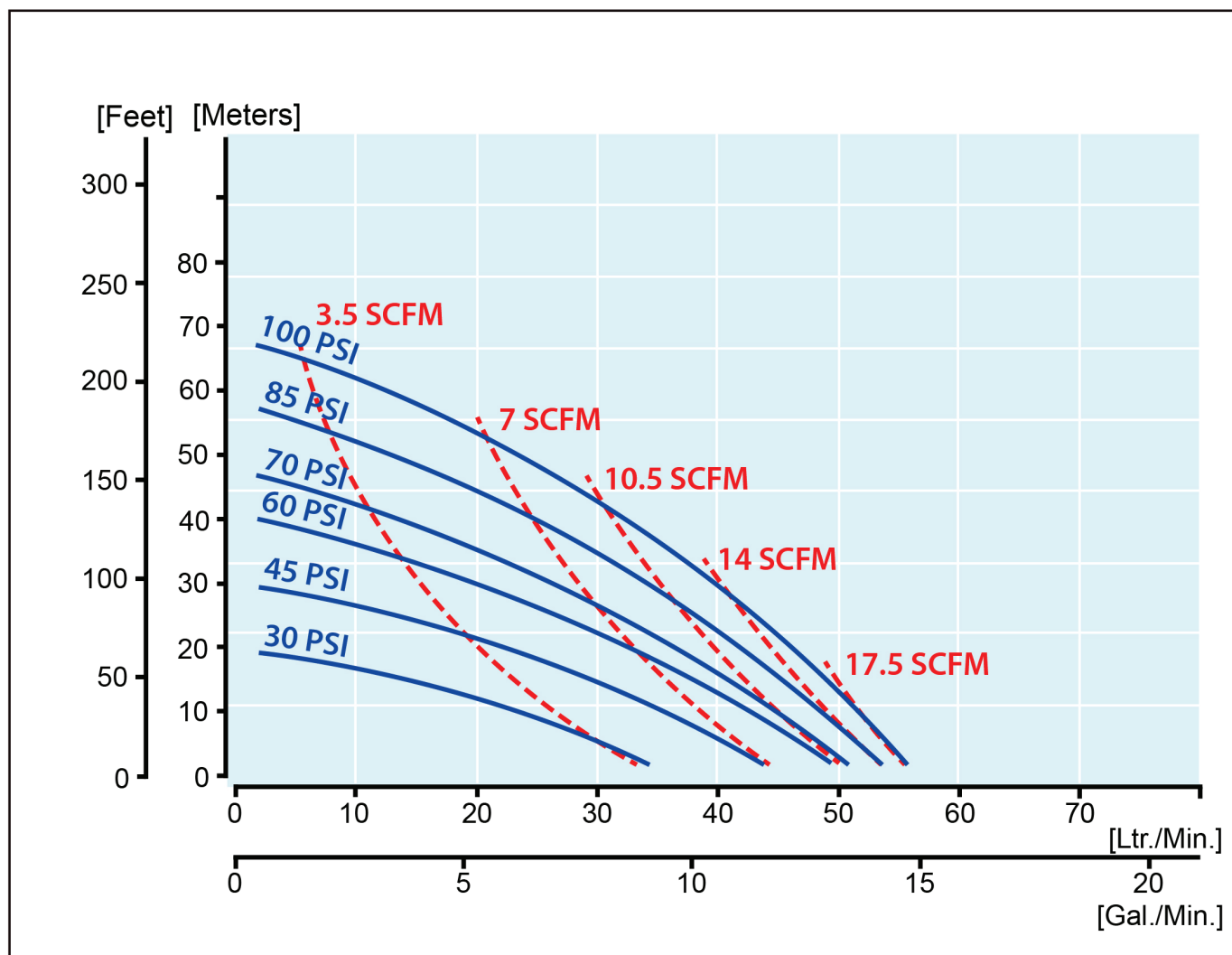
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Performance Curve

DP12A-17H

Rubber Diaphragm Performance Curve



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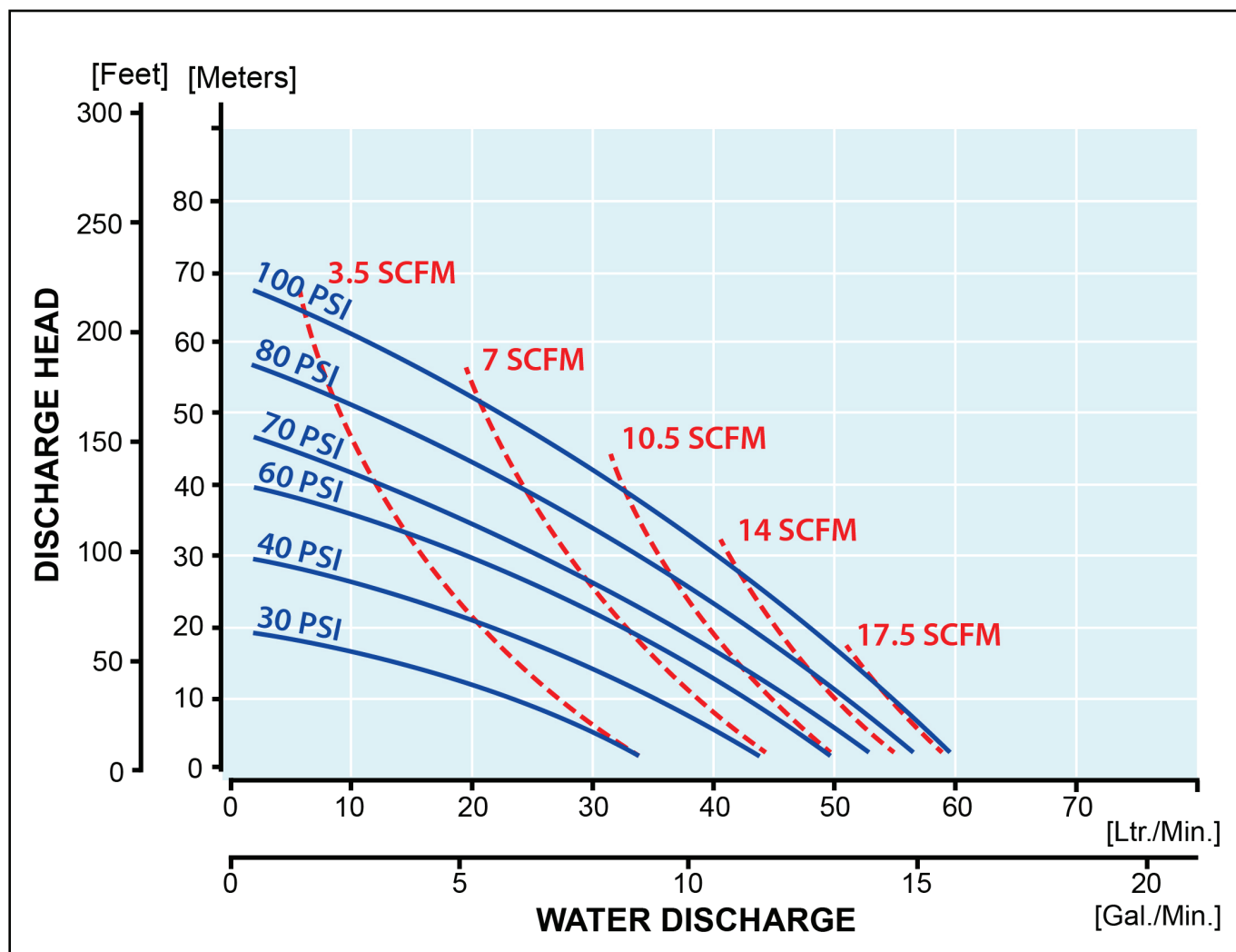
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Performance Curve

DP12A-17B

Rubber Diaphragm Performance Curve



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AODD Diaphragm Pump

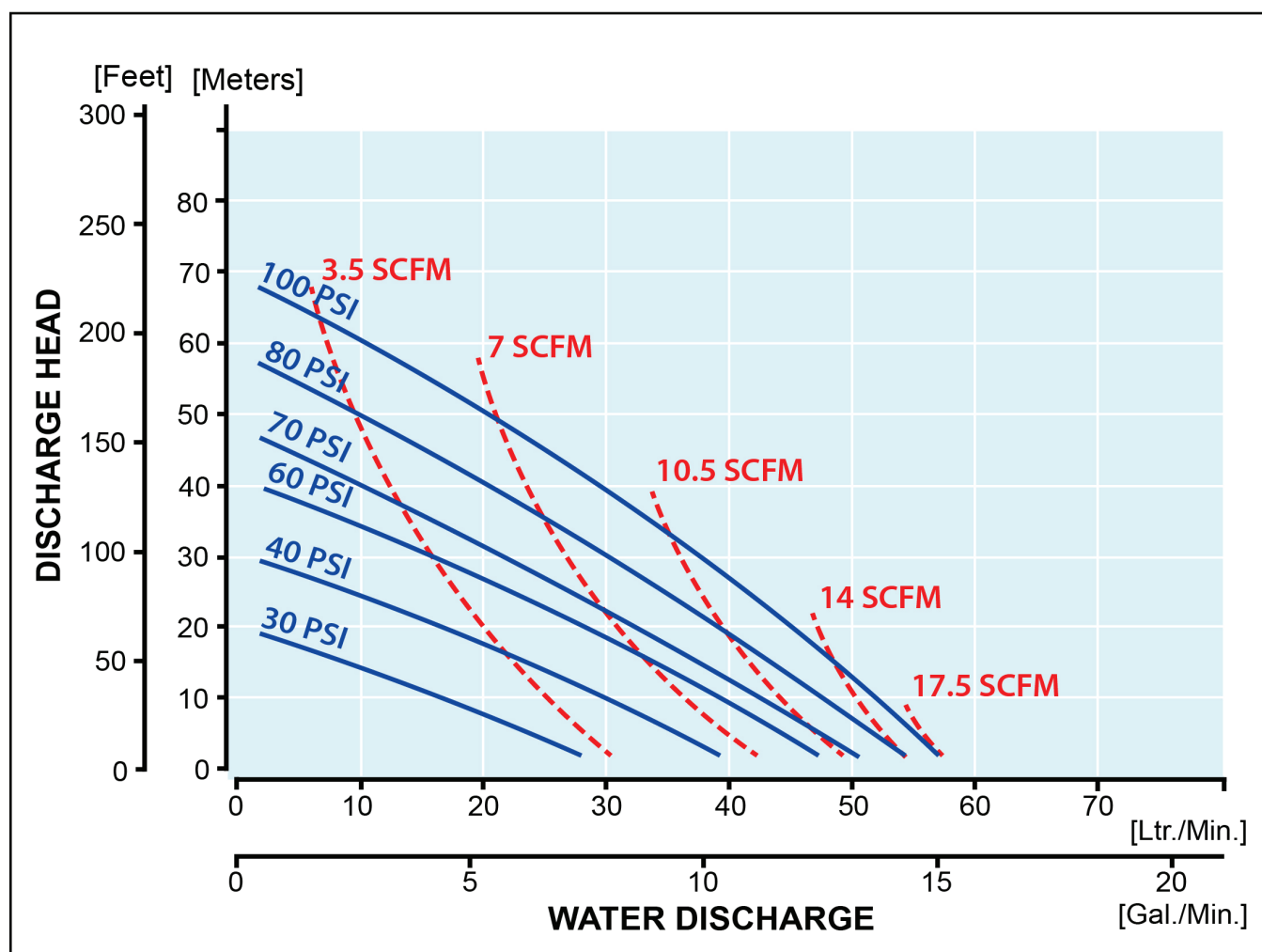
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Performance Curve

DP12A-17T

PTFE Diaphragm Performance Curve



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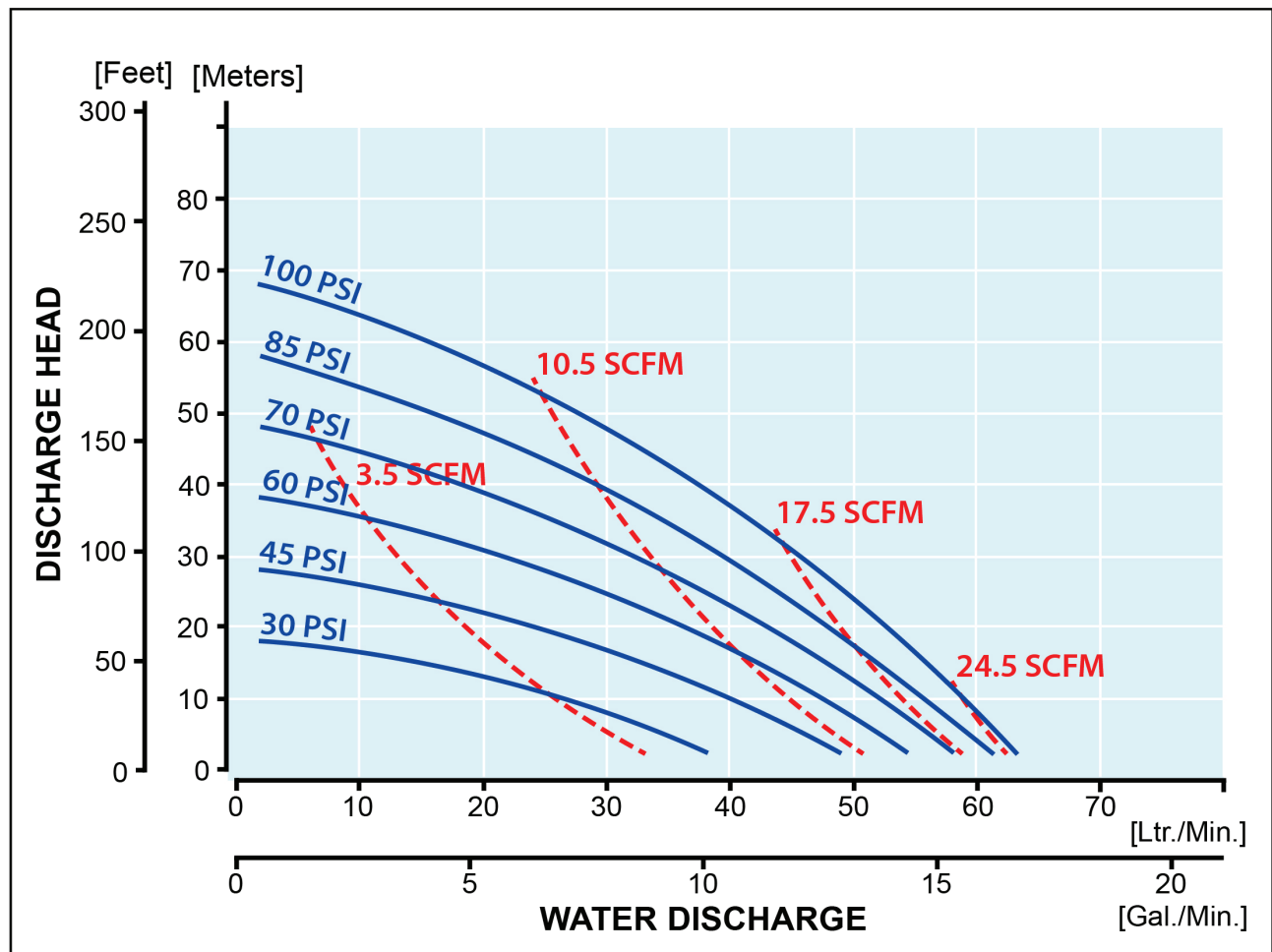
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Performance Curve

DP12P-17B, DP12P-17S, DP12P-17T

Rubber & PTFE Diaphragm Performance Curve



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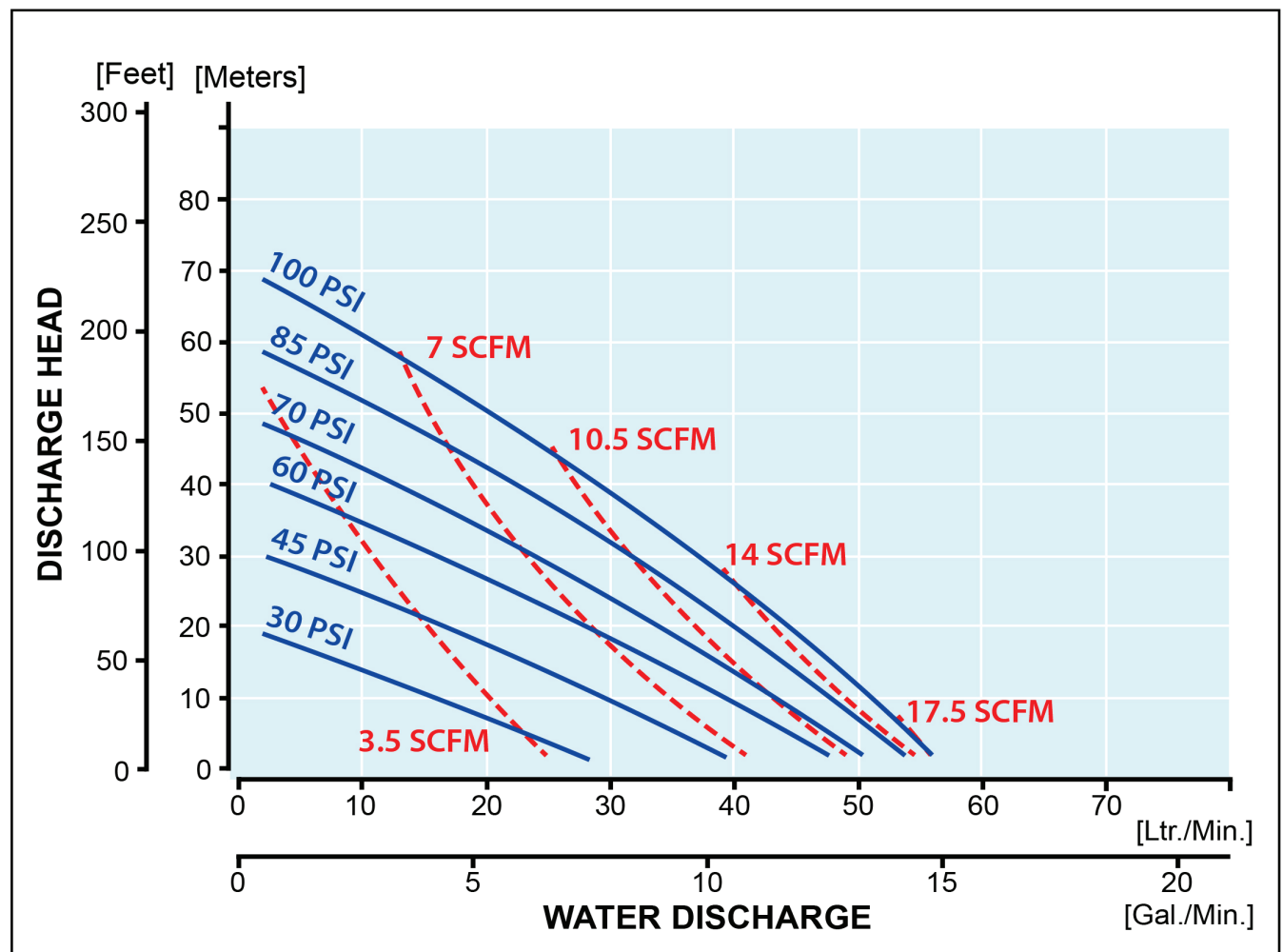
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Performance Curve

DP12SS-17T

PTFE Diaphragm Performance Curve



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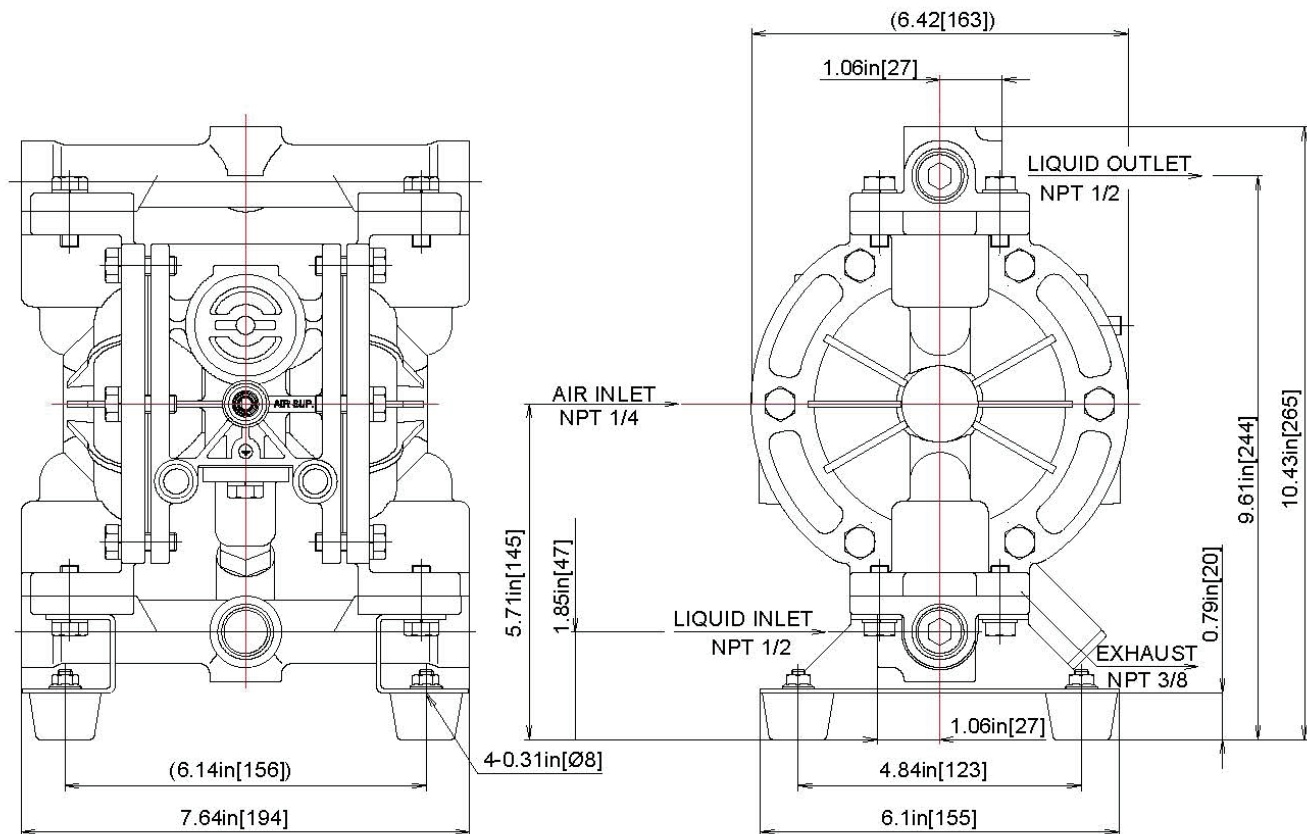
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Dimensional Drawing

DP12A-17H, DP12A-17B, DP12A-17T



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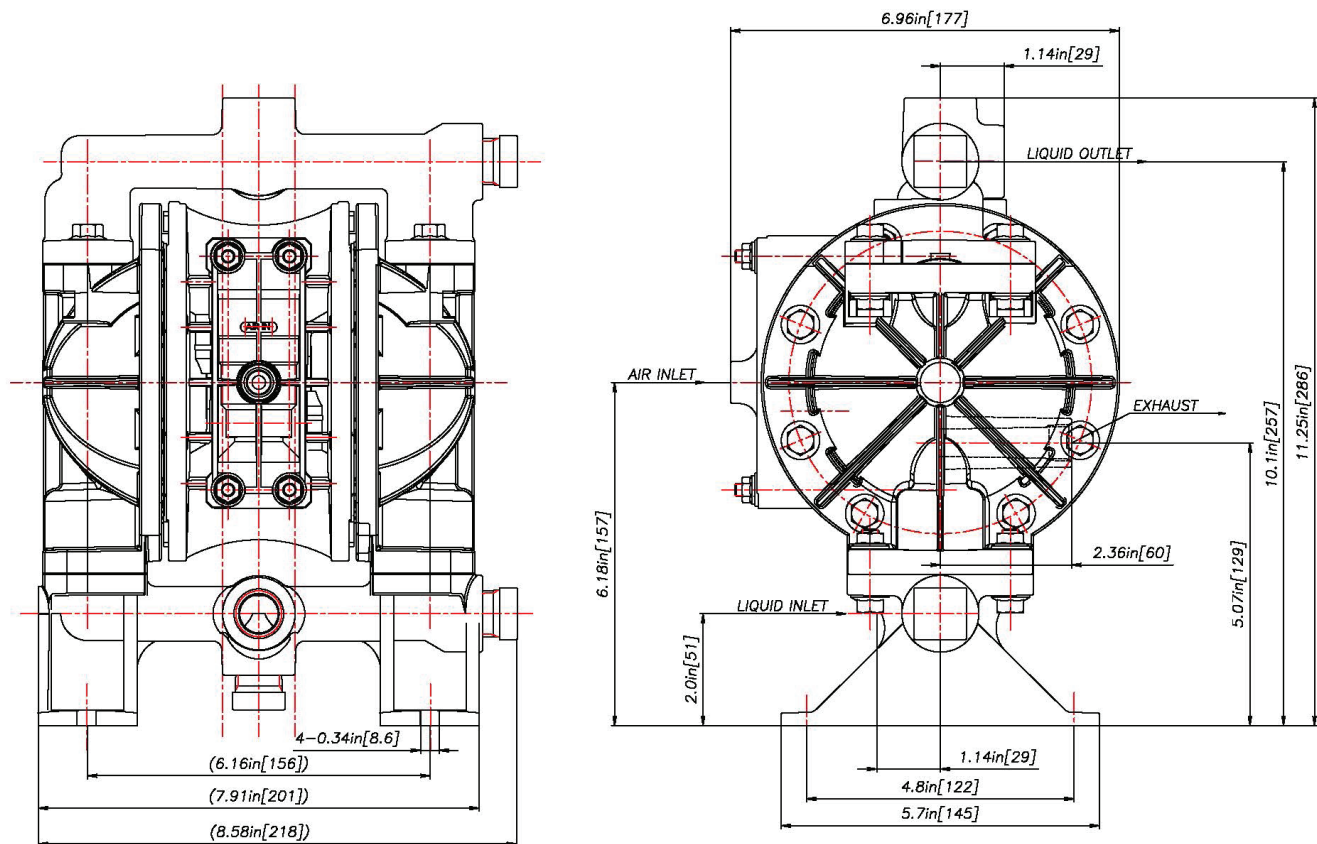
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AODD Diaphragm Pump DP12A-17/DP12P-17/DP12SS-17 SERIES



Dimensional Drawing

DP12P-17B, DP12P-17S, DP12P-17T



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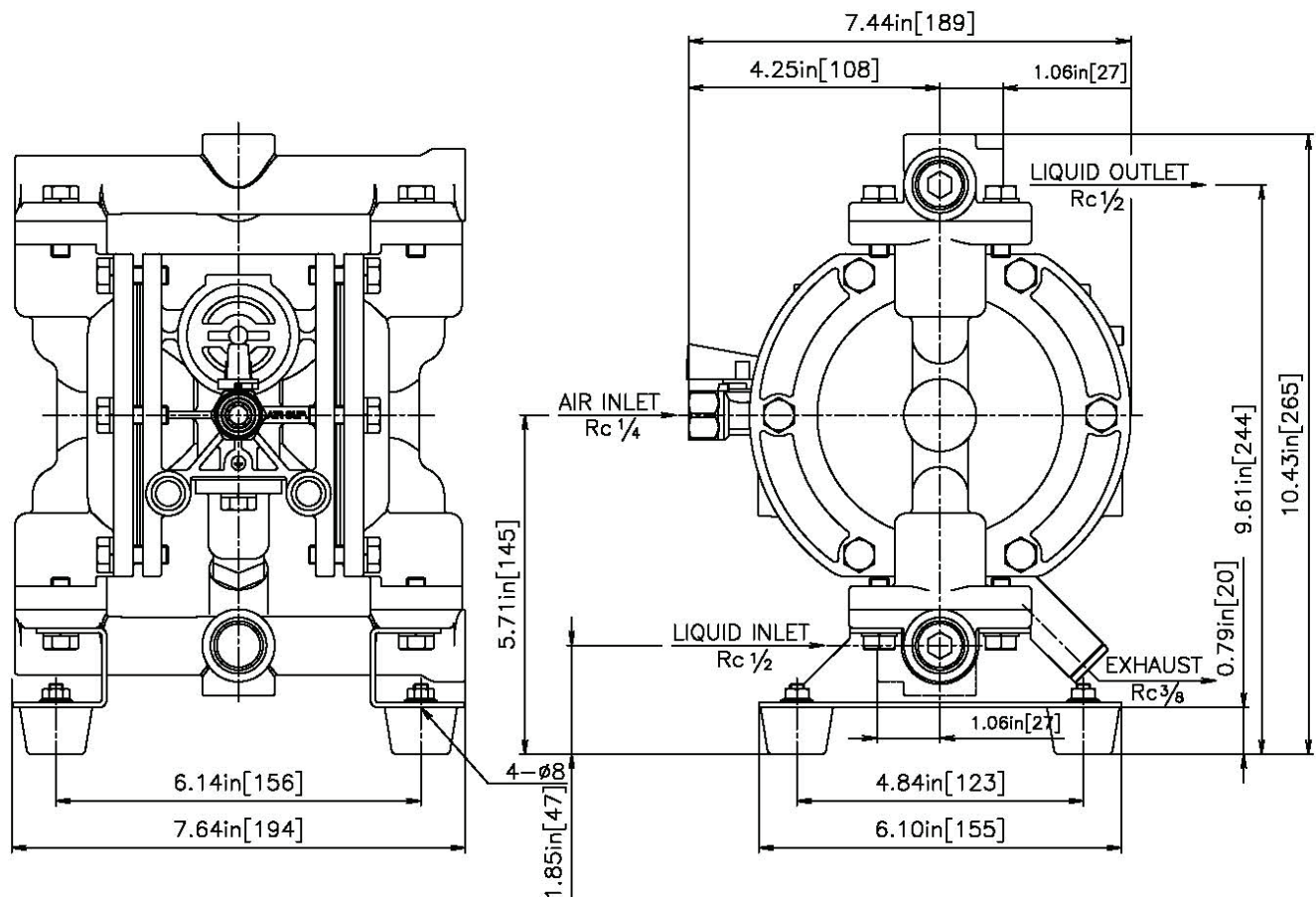
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Dimensional Drawing

DP12SS-17T



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