

G15 Specifications



Port Dimensions (16.6 GPM Max.)

Intake & discharge connection:

Aluminum (ADC-12)	1/2" Female NPT
Pure Polypropylene (PP)	1/2" Female NPT
Stainless Steel (316)	1/2" Female NPT
Kynar®	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® (TPO)	180°F (82°C)
PTFE	212°F (100°C)
Hytrel® (TPEE)	248°F (120°C)

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

Air Supply Pressure (All Models)

20 – 100 PSI (1.4 – 7 kgf/cm²)

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

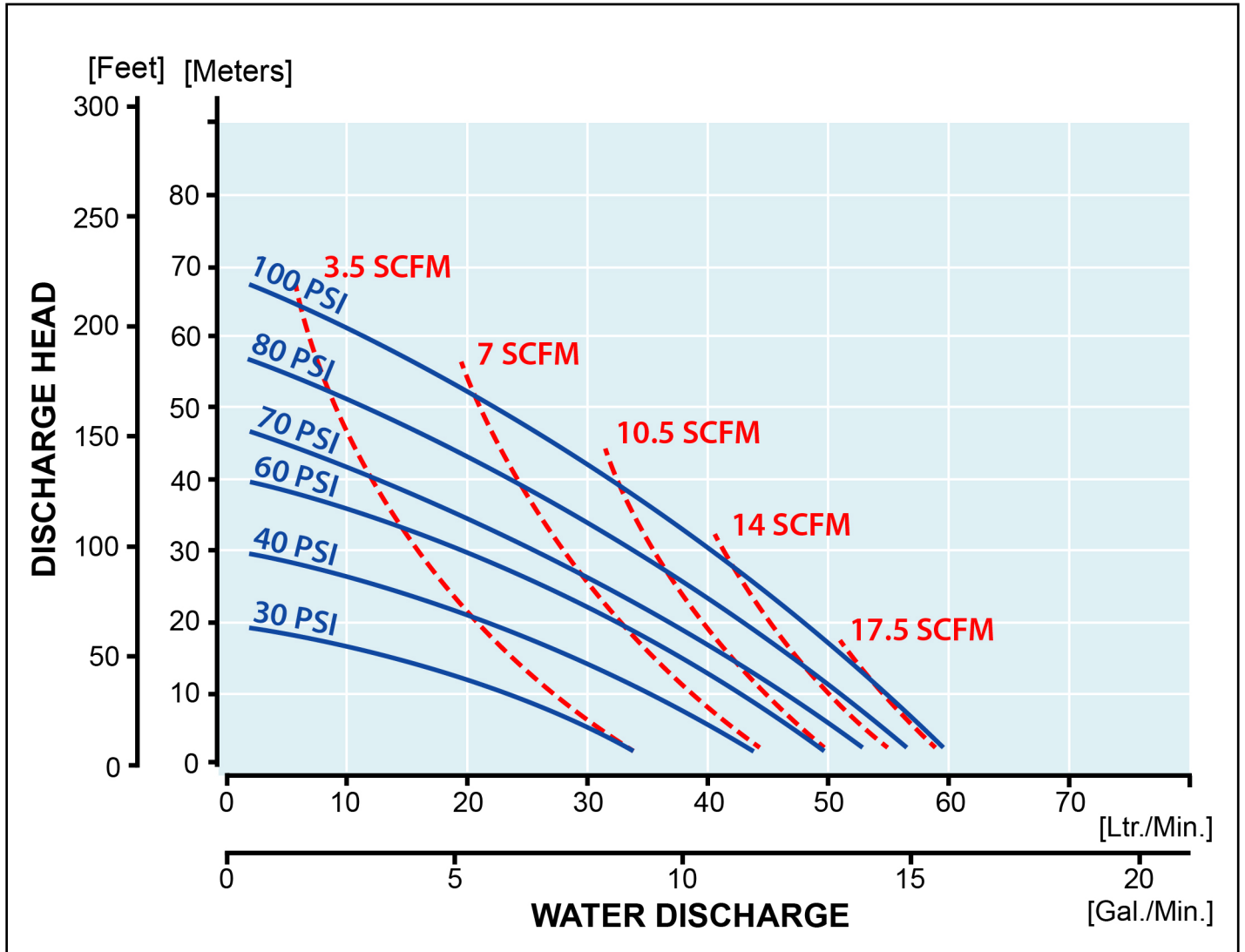
Notes: Santoprene® fitted pumps include EPDM wetted o-rings.

Buna N is not available with Kynar® pumps.



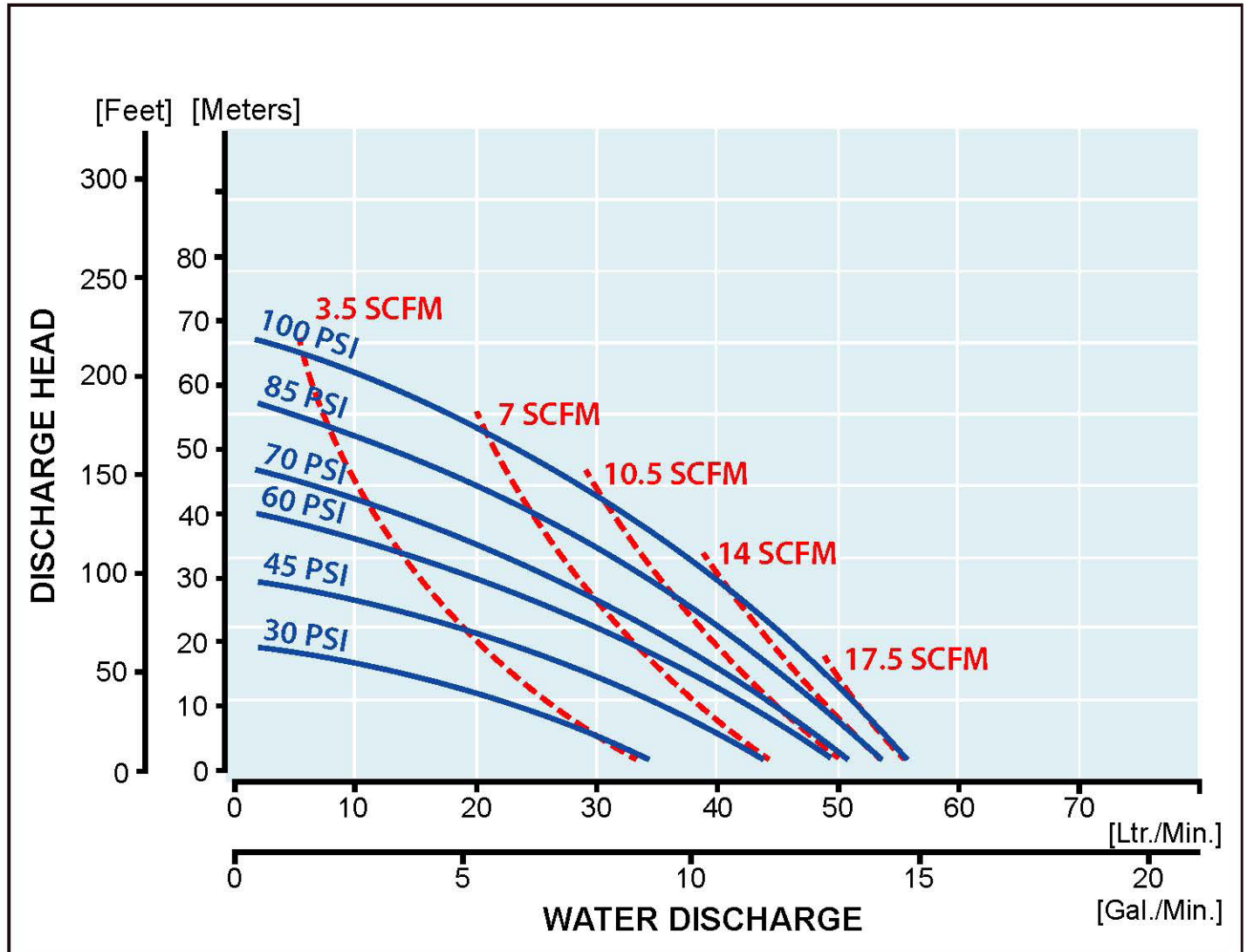
G15AN Performance Curve

G15 Buna N Rubber Diaphragm Performance Curve (Aluminum)



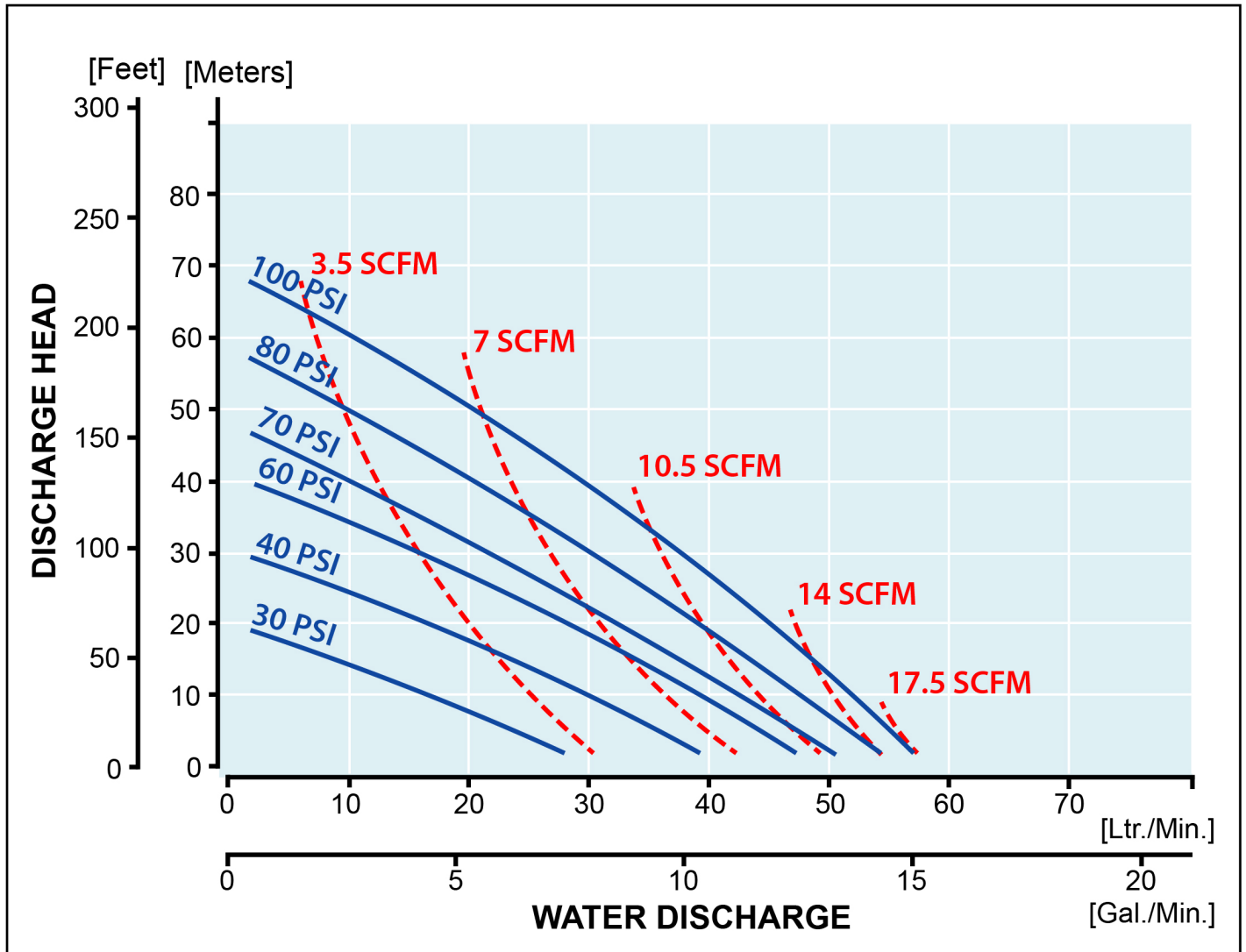
G15AH, G15AS Performance Curve

G15 Hytrel® & Santoprene® Diaphragm Performance Curve (Aluminum)



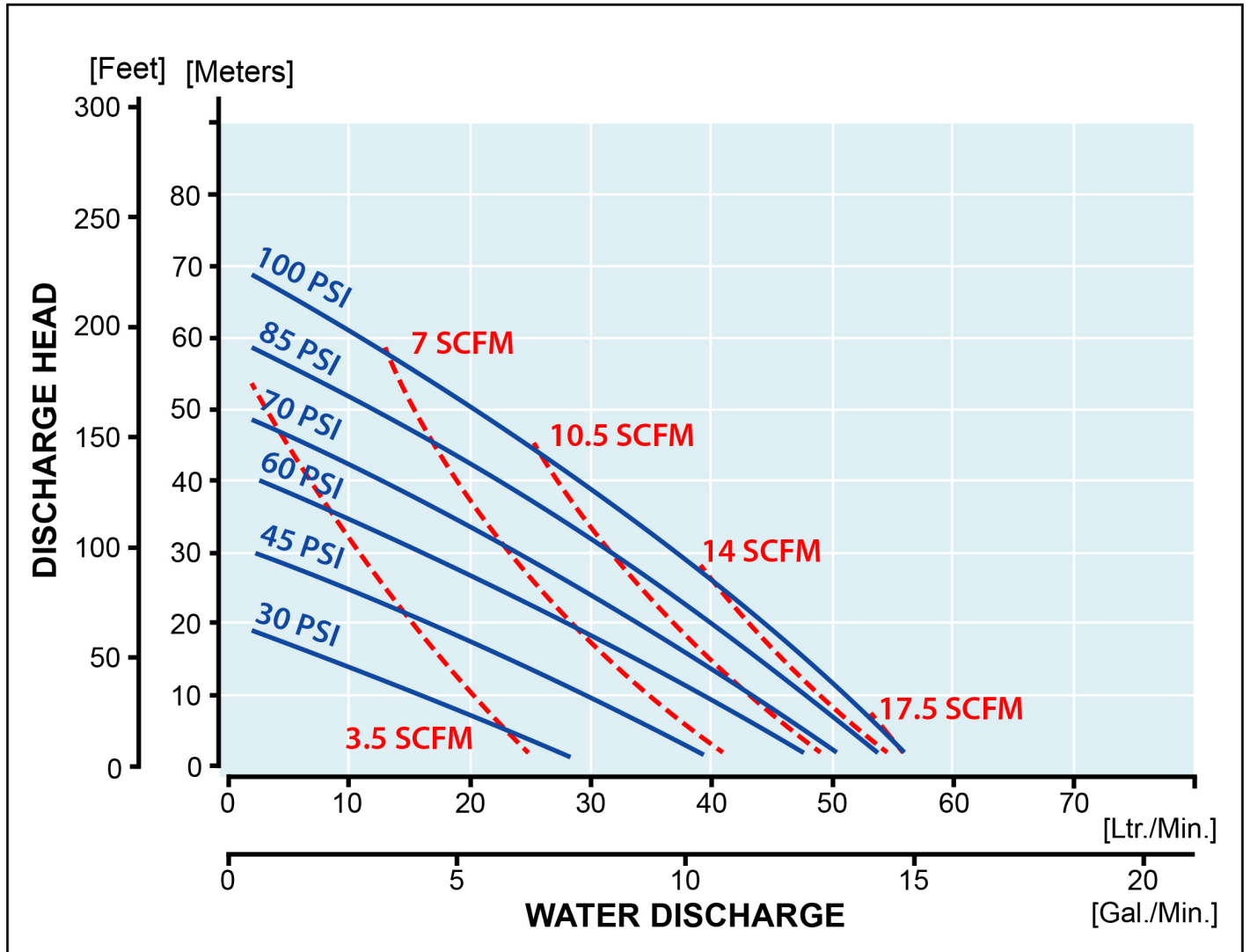
G15AT Performance Curve

G15 PTFE Diaphragm Performance Curve (Aluminum)



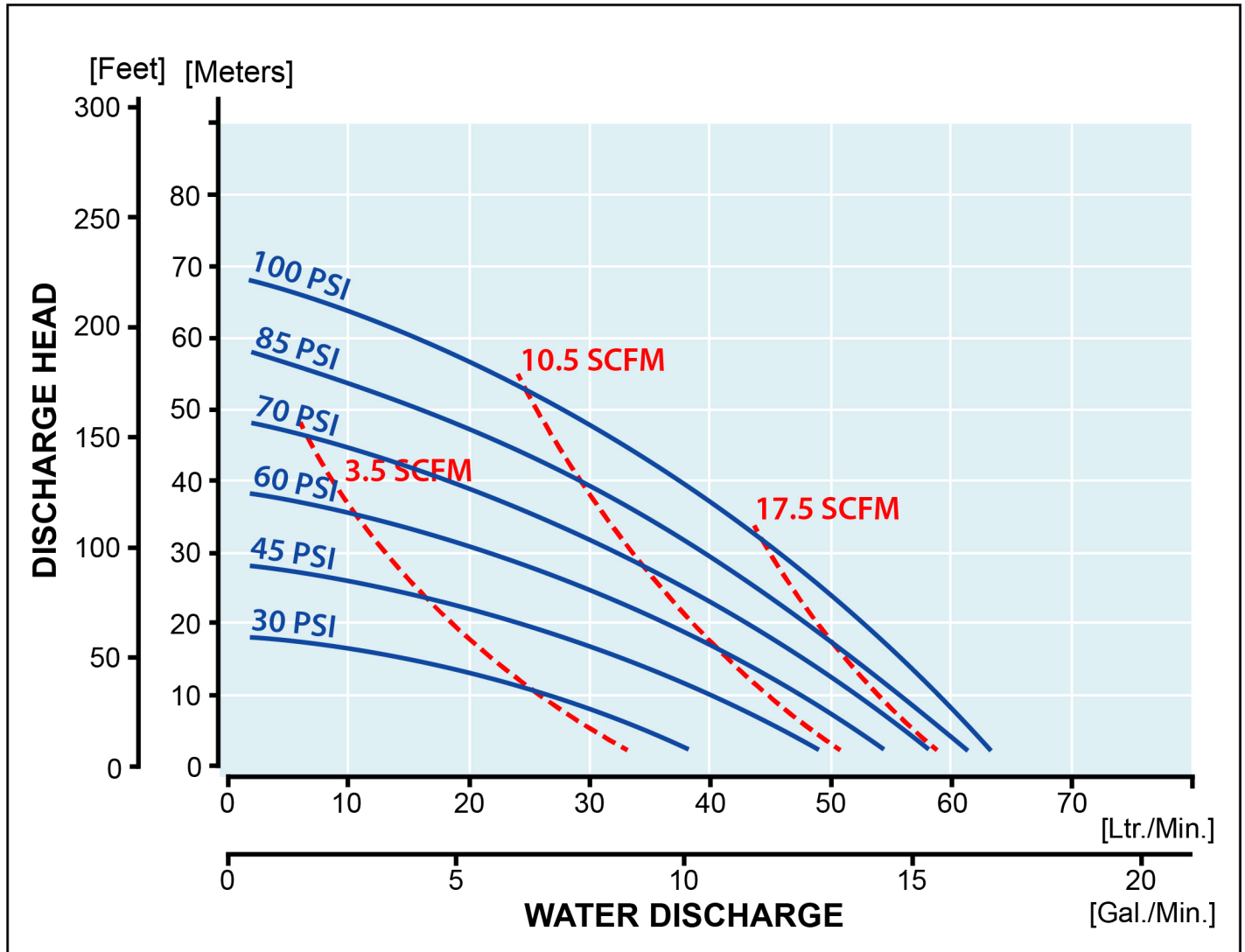
G15S Performance Curve (all)

G15 Rubber & PTFE Diaphragm Performance Curve (Stainless Steel)

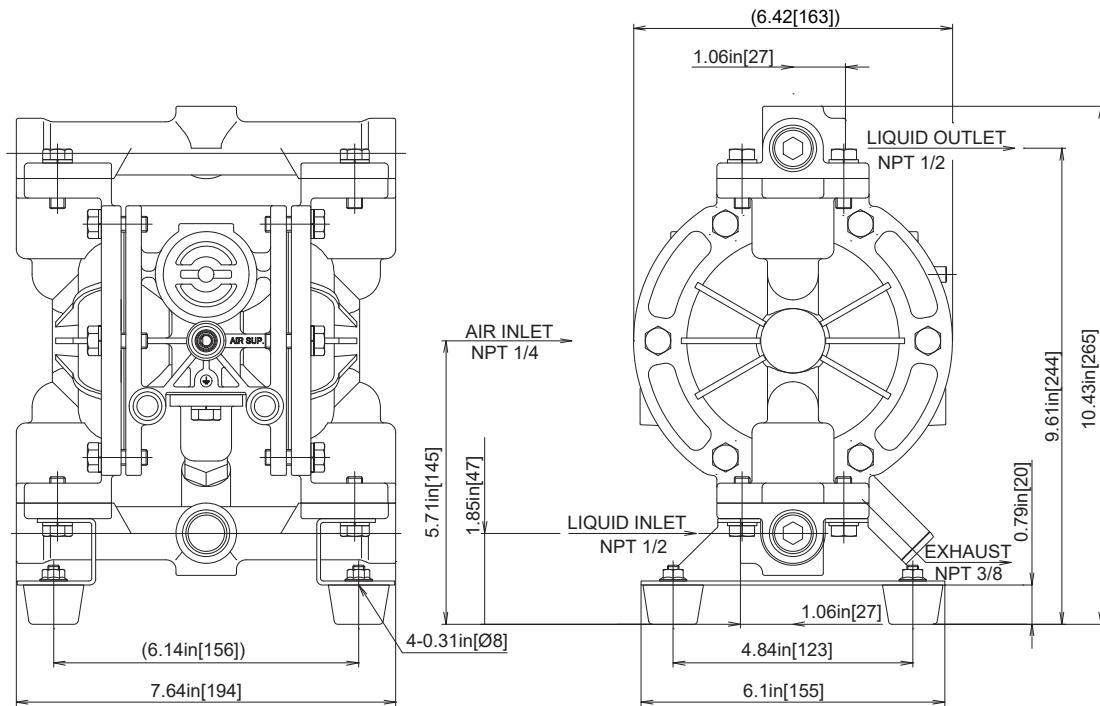


G15 Plastic Performance Curve (all)

G15 Rubber & PTFE Diaphragm Performance Curve (Polypropylene & Kynar®)



G15 Aluminum



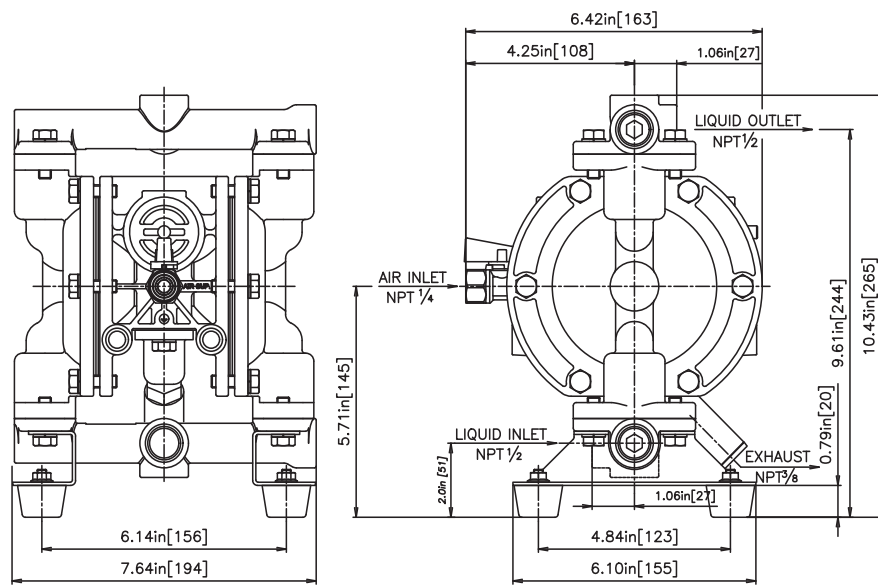
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TOLL FREE 800-990-7867 OR 630-231-4083

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REV	DATE	DESCRIPTION	APPR'D
THE DWG.OF:			
DIAPHRAGM PUMP ASSEMBLY			
SCALE	-	DRAWN BY	MK
DATE	12/06/21	APPROVED BY	-
THIRD ANG.PROJ.	DRAWING NUMBER:		REV
	G15A		1

G15 Stainless Steel



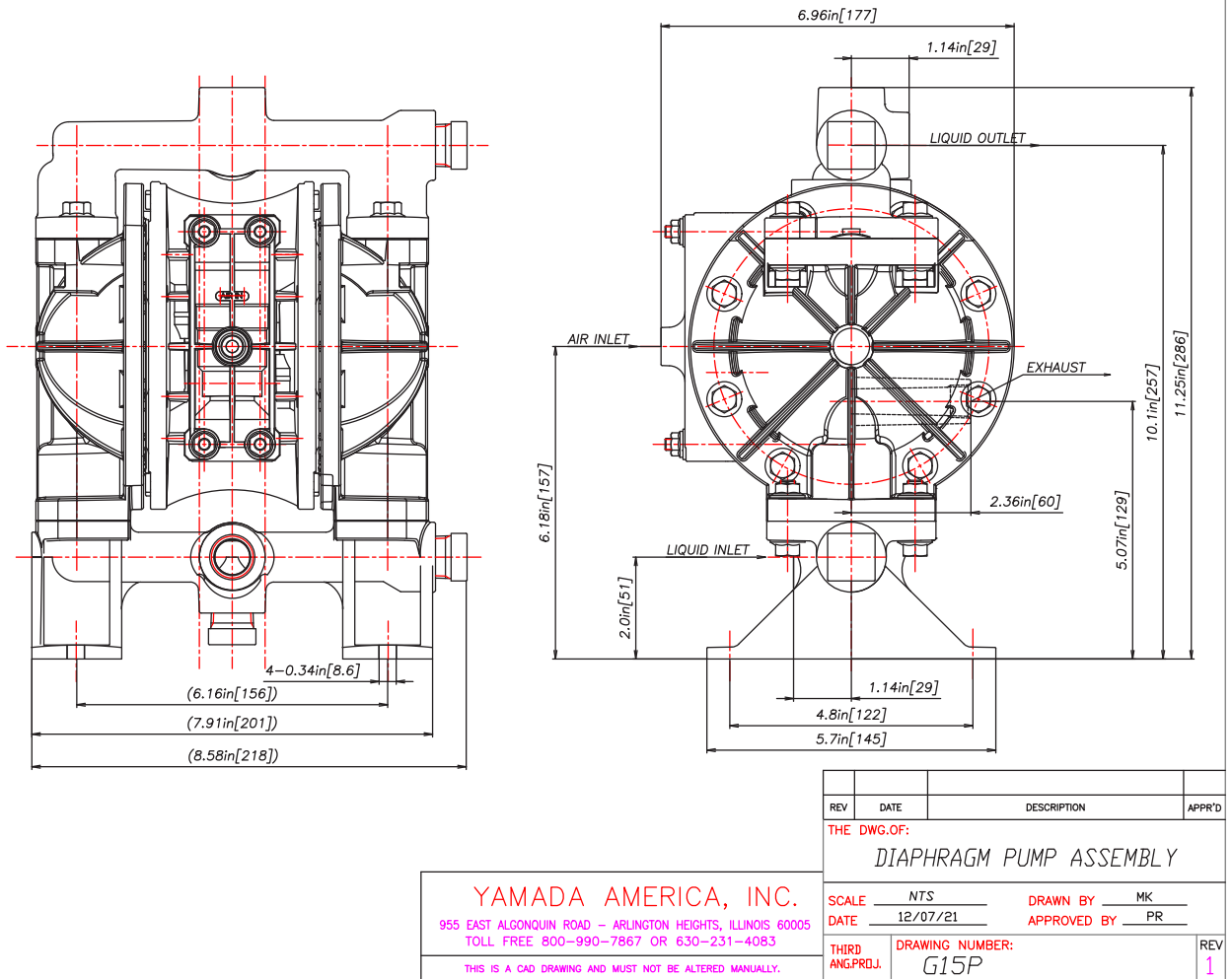
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THIRD ANG. PROJ.	DRAWING NUMBER:		REV
	G15S		1

G15 Polypropylene

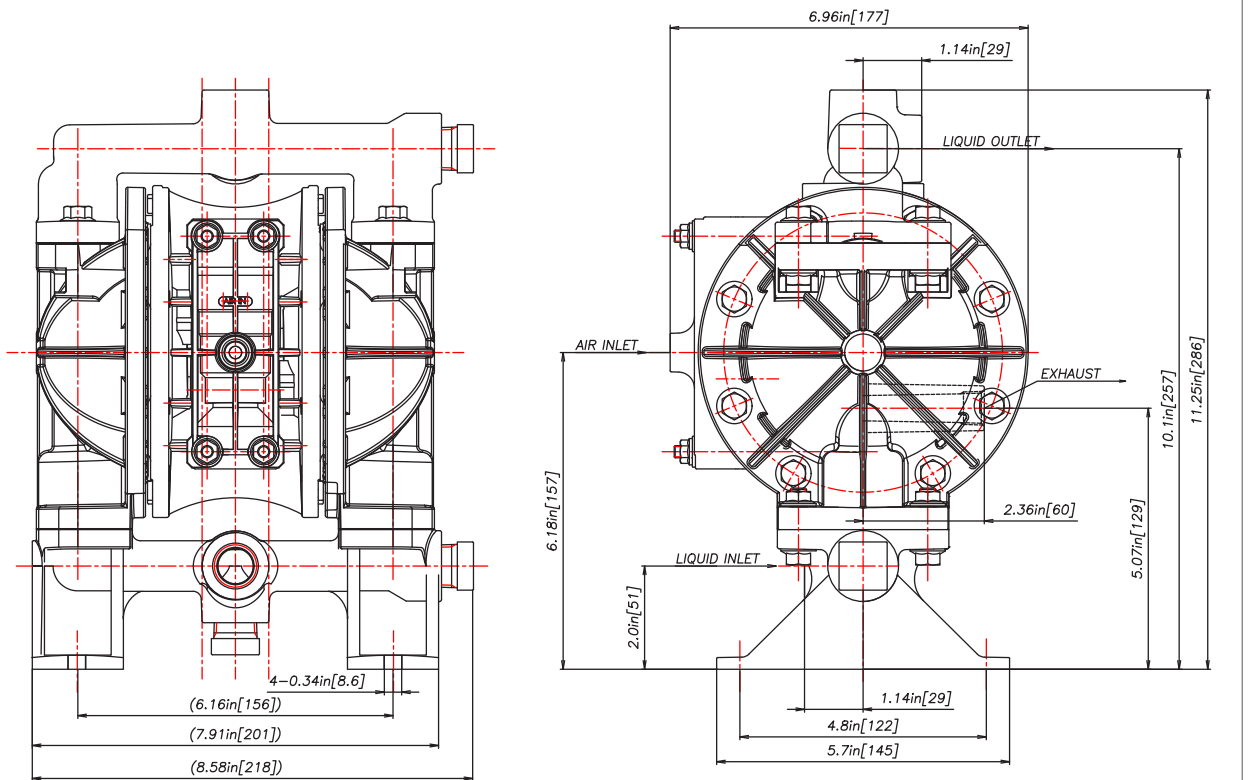


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G15 Kynar



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THE DWG. OF:			
DIAPHRAGM PUMP ASSEMBLY			
SCALE	NTS	DRAWN BY	MK
DATE	12/07/21	APPROVED BY	PR
THIRD ANG. PROJ.	DRAWING NUMBER:		REV
	G15V		1

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