

# G25 Specifications

## Port Dimensions (40.1 GPM Max.)

### Intake & discharge connection:

Aluminum (ADC-12)	1" Female NPT
Air inlet (incl. ball valve):	3/8" Female NPT
Air exhaust (incl. silencer):	3/4" Female NPT

## Maximum Liquid Temperature\*

Diaphragm Material	Temperature
Buna N	180°F (82°C)
Hytrel® (TPE)	248°F (120°C)
Santoprene® (TPO)	212°F (100°C)
PTFE	212°F (100°C)

\*The maximum liquid temperature for metal pumps is determined by the elastomer (diaphragm material).

## Air Supply Pressure (All Models)

20–100 PSI (1.4–7 kgf/cm<sup>2</sup>)

## Discharge Volume Per Cycle

Rubber diaphragm: 0.158 gallons  
PTFE diaphragm: 0.118 gallons

## Maximum Cycles Per Minute

Rubber diaphragm: 253  
PTFE diaphragm: 297

## Maximum Size Solid

1/8" (3 mm)

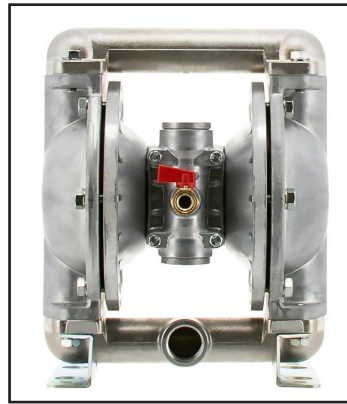
## Air Motor

Aluminum air motor standard on metal pumps.

## Valve Type

Ball

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



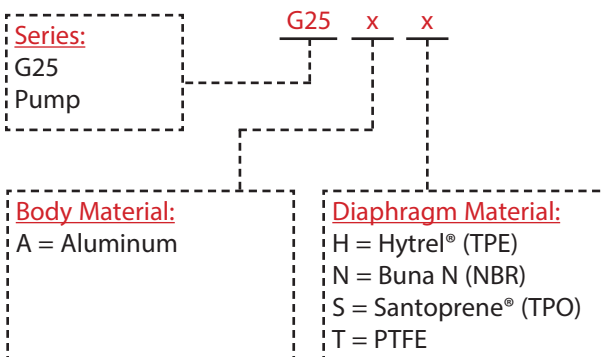
## Aluminum (NPT)

**Dimensions:** 10.04"W x 12.44"H

**Net Wt.:** 20.3 lbs. (9.2 kg)

**Shipping Wt.:** 25 lbs.

## Model Number Nomenclature

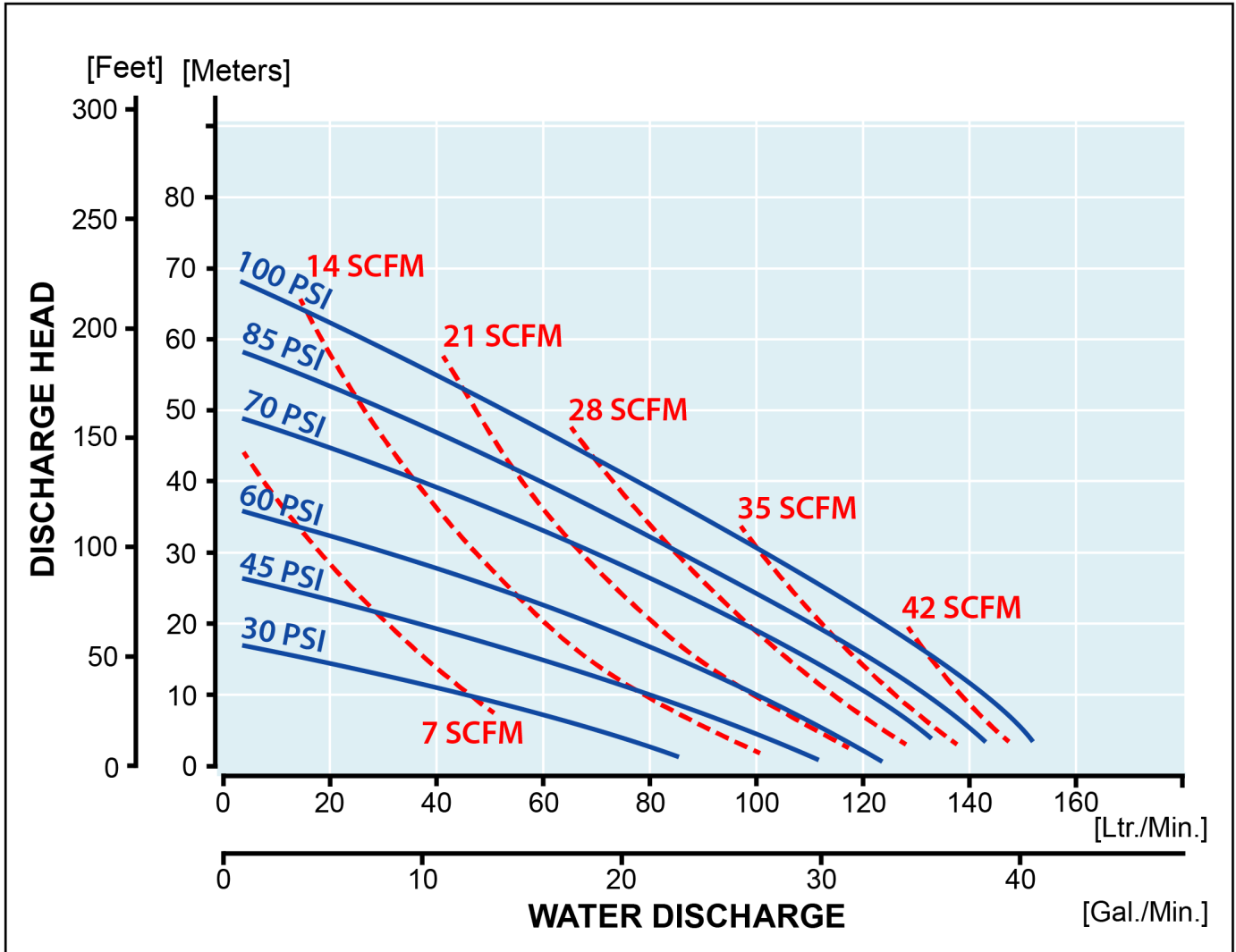


## G25 Series Models

G25AH	G25AS
G25AN	G25AT

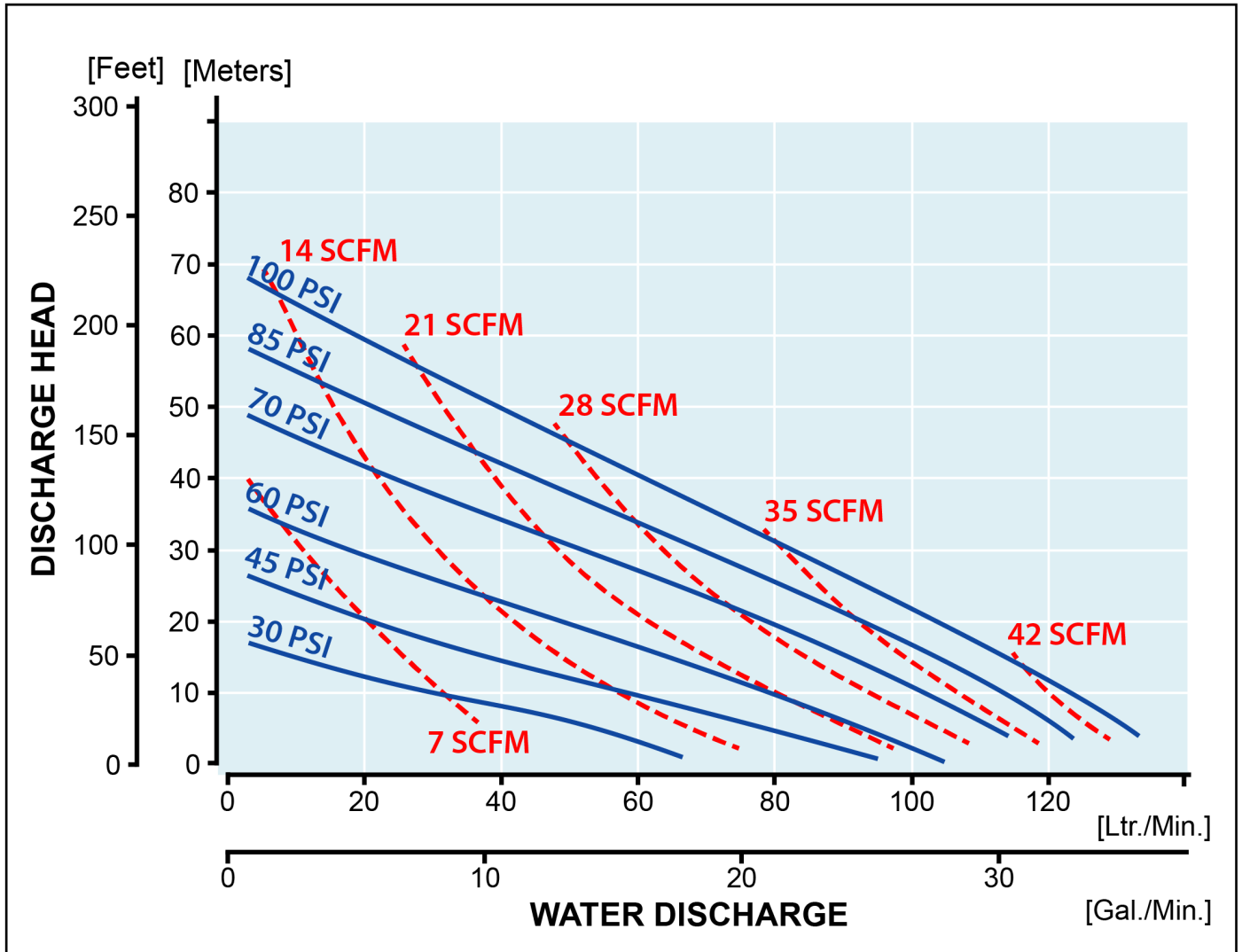
# G25A Performance Curve - Rubber

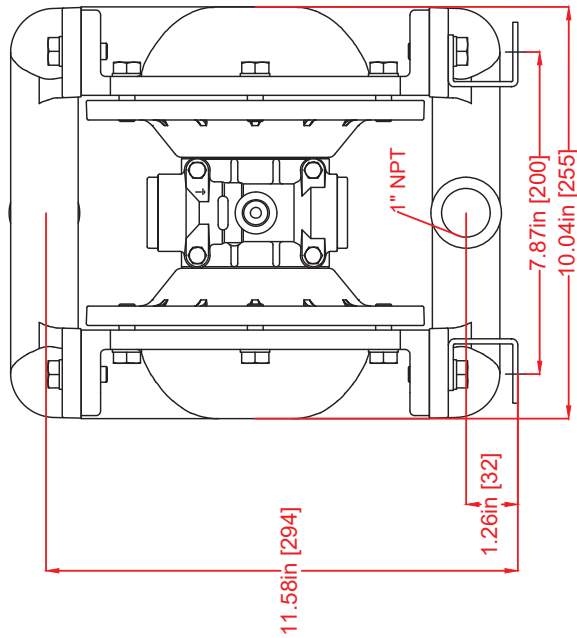
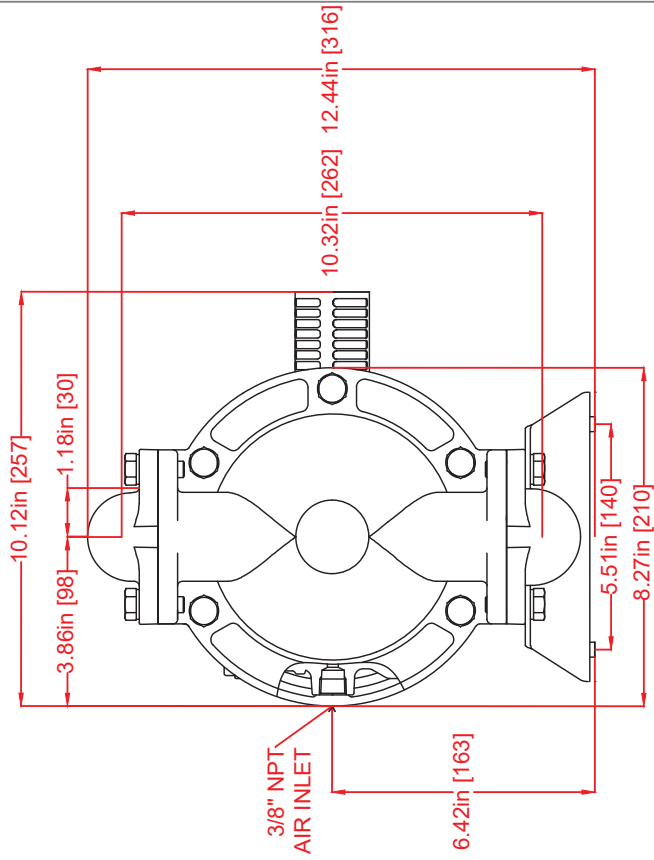
## Rubber Diaphragm Performance Curve



# G25A Performance Curve - PTFE

## PTFE Diaphragm Performance Curve





REV	DATE	DESCRIPTION	APPR'D
THE DWG. OF:			
<b>G25 ALUMINUM SERIES</b>			
SCALE		DRAWN BY	MK
DATE		3/26/2021	APPROVED BY
THRD. ANG. PROJ.		DRAWING NUMBER:	
		<b>G25A</b>	
REV	0		

**YAMADA AMERICA, INC.**  
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