

G50 Specifications



Port Dimensions 193 GPM Max.

Intake & discharge connection:

Aluminum (ADC-12)	2" Female NPT
Air inlet (incl. ball valve):	3/4" Female NPT
Air exhaust (incl. silencer):	1" 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 is determined by the elastomer (diaphragm material).

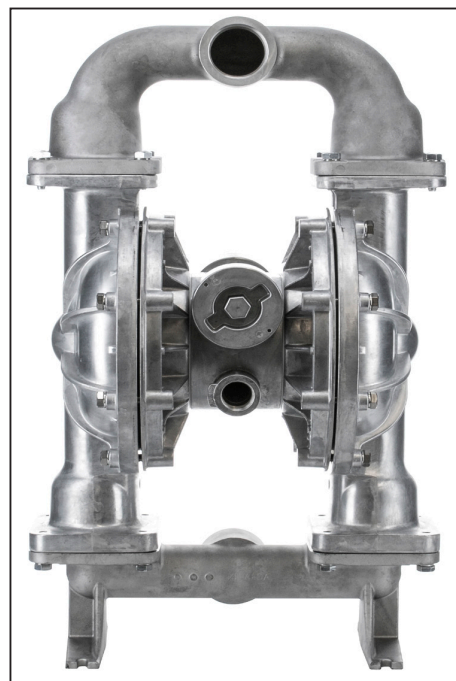
Air Supply Pressure:

Rubber: 20–125 PSI (1.4–8.7 kgf/cm²)
PTFE: 20–100 PSI (1.4–7 kgf/cm²)

Maximum Size Solid: 5/16 (8mm)

Air Motor: Aluminum

Valve Type: Ball



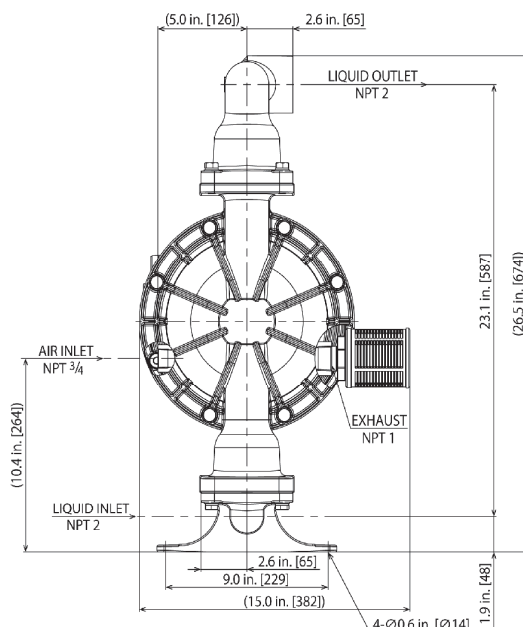
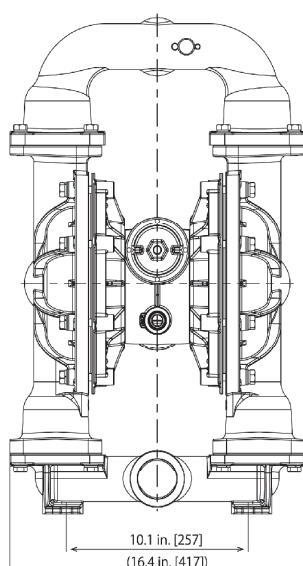
Aluminum

Dimensions: 16.4"L x 21.6"W x 26.5"H

Net Wt.: 66.1 lbs. (30 kg)

Shipping Wt.: 76 lbs.

Dimensions



Model Number Nomenclature

G50 A x 1 1

Series:
Global Pumps

Body Material:
A = Aluminum

Diaphragm Material:
H = Hytrel® (TPEE)
N = Buna N (NBR)
S = Santoprene® (TPO)
T = PTFE



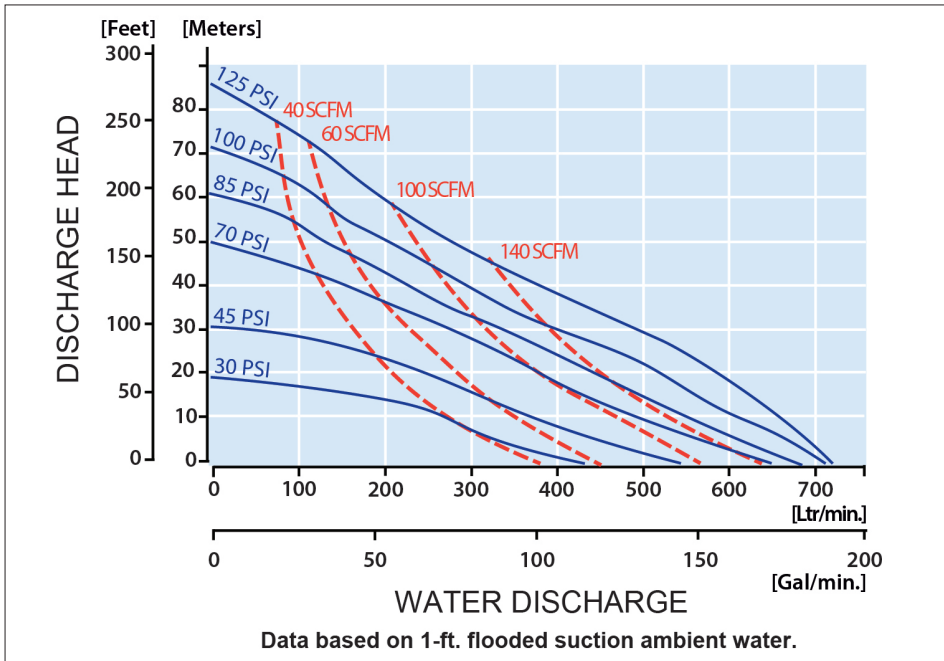
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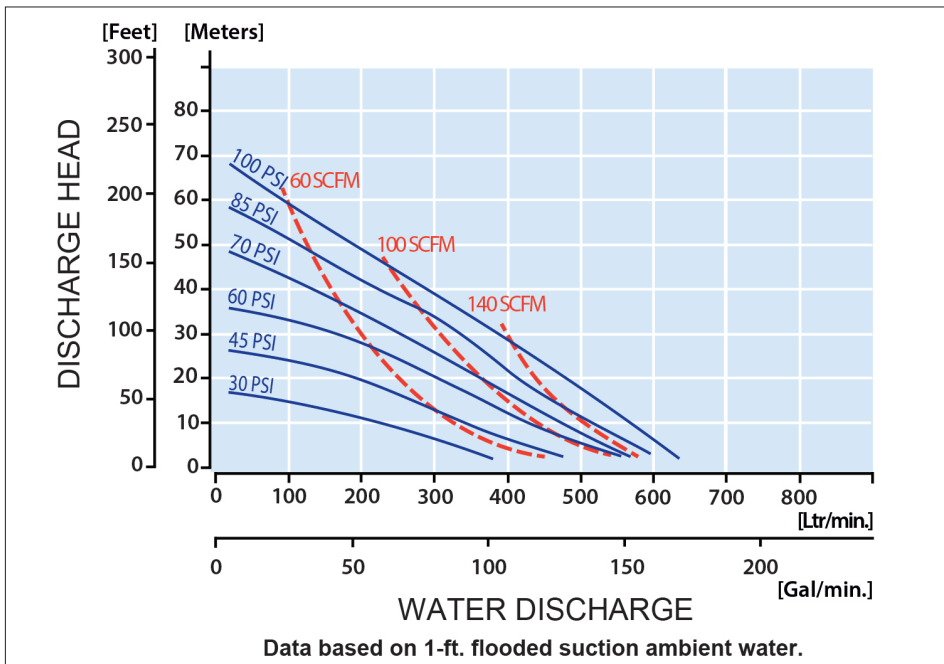


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G50 Metal - Rubber Performance Curves



G50 Metal - PTFE Performance Curves



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Due to Yamada's continued commitment to product improvement, specifications may change without notice.



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