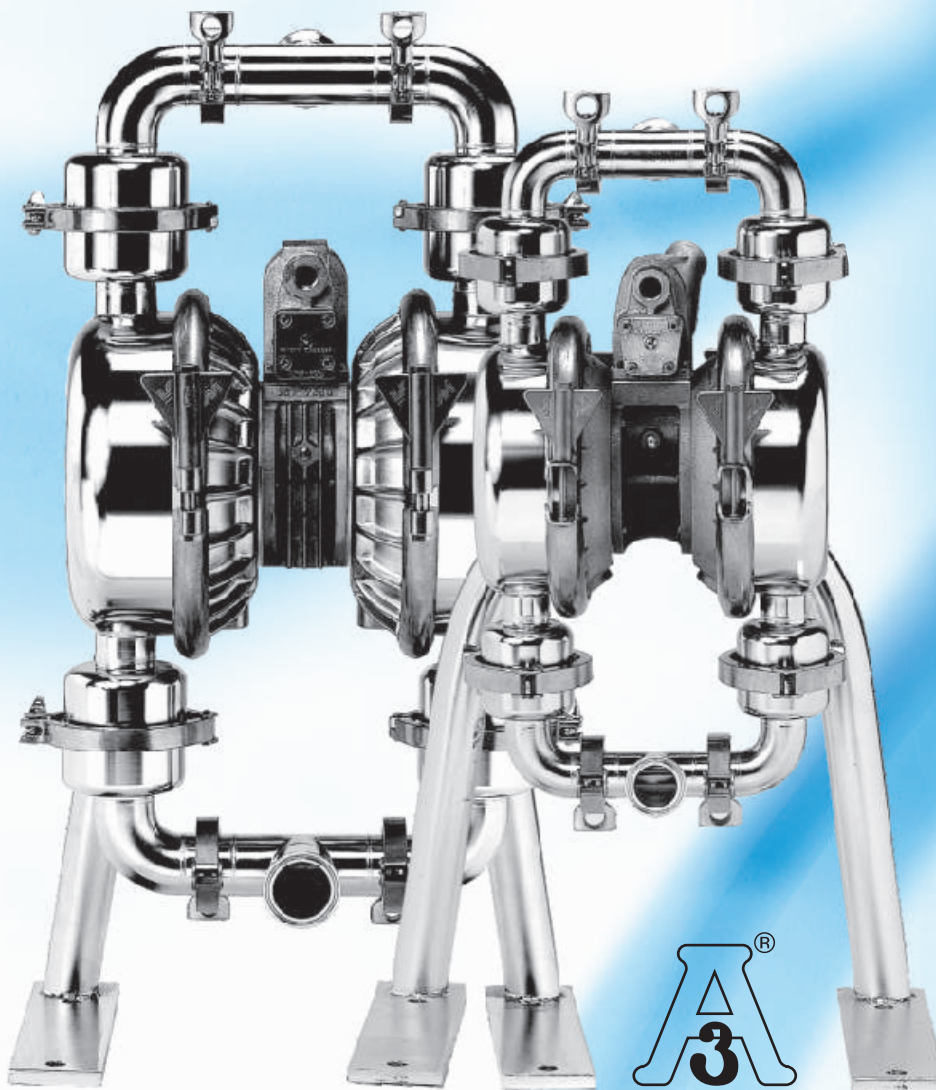


wright flow

TECHNOLOGIES

V-SERIES

CIP CAPABLE AODD PUMPS



Typical Applications

Food Processing - Dairy, Meat, Poultry, Beverage
Pharmaceuticals, Personal Care

V-Series CIP Capable AODD Pumps

With Exclusive Air Valve System

Wright Flow Technologies now offers V-Series AODD Pumping technology for the dairy, food processing, pharmaceutical and cosmetic

industries, with the (1½" and (2") 3A Sanitary Pumps. Now you can enjoy anti-stalling, non-icing, lube-free operation while meeting Stringent 3A sanitary standards. The 3A Sanitary Pumps are constructed of 316 stainless steel with a 32 micro-inch (0.8 micrometer) finish on both Internal and external surfaces.

Tri-Clamp Connections



Removable Ball Cage



Rotating Pump Stand



V-Series Leak Detection



The simplified, flow-through design allows the passage of solids up to 5/8" in diameter without damage. Tri-clamp® connections and wing nut fasteners enable on-the-spot disassembly and assembly. For easy draining, the pump stand rotates 360°. These pumps also feature the leak detection system – required for 3A approval – which protects the product from contamination in the event of diaphragm failure. Should a leak be detected, the V-Series Pump will terminate pumping, sound a 90-decibel alarm and activate an alert light.

Features:

- ▶ surface finish of 32 µin (0.8 µm) or better on product contact surfaces and external surfaces
- ▶ assemble and disassemble quickly with tri-clamp connections and wing-nut clamp bands
- ▶ include a rotating pump stand enabling a 180° rotation of pump for easy draining
- ▶ CIP Capabilities
- ▶ 316 Stainless steel construction
- ▶ Leak Detection system optional
- ▶ Available as USDA pumps without the leak detectors
- ▶ Available in 1-1/2" & 2"
- ▶ 3A Approved models
- ▶ Nickel plated air section for wash down.
- ▶ Uses bonded PTFE diaphragms standard for extended flex life.
- ▶ Gently handles solids up to 5/8" (.625) in diameter

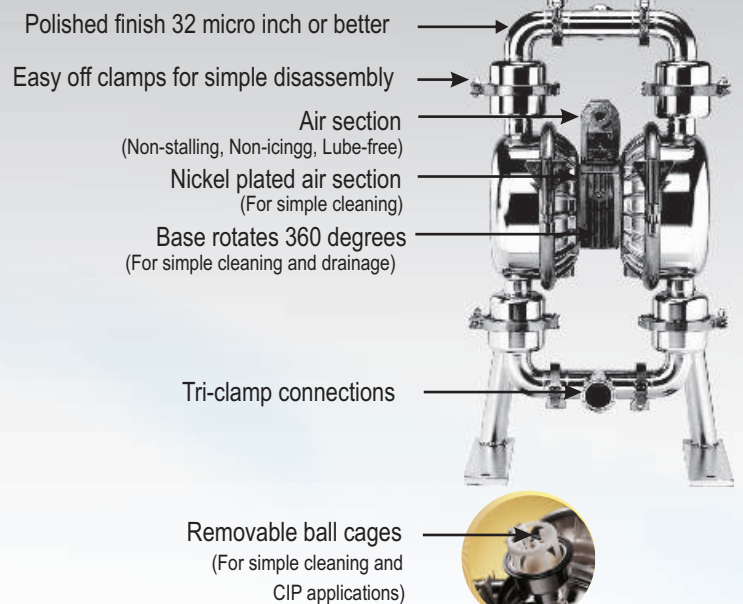


FUSION Integrated Plate Bonded Teflon Diaphragms

- ▶ Extended Flex Life
- ▶ Improved Performance (Suction Lift, Flow rates).
- ▶ Simple to clean (FDA and Sanitary).
- ▶ Dimples on Teflon side prevent stress cracking.
- ▶ No leak path to air side
- ▶ Low start up pressure.
- ▶ Easier to install than 2-piece Teflon systems.
- ▶ Ribs on the backing material helps the diaphragm "roll" during operation



Typical Construction

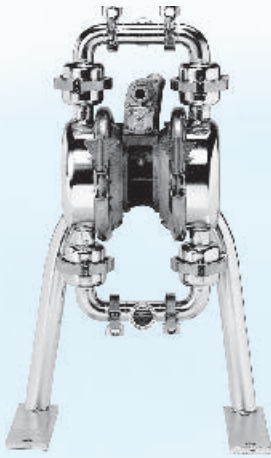


Capacity: to 180 GPM (680 LPM) Pressure: to 100 PSI (6.9 BAR)
Viscosity: to 250,000 SSU (55,000 cSt)
Temperature: -10°F to +212°F (-23°C to +100°C)

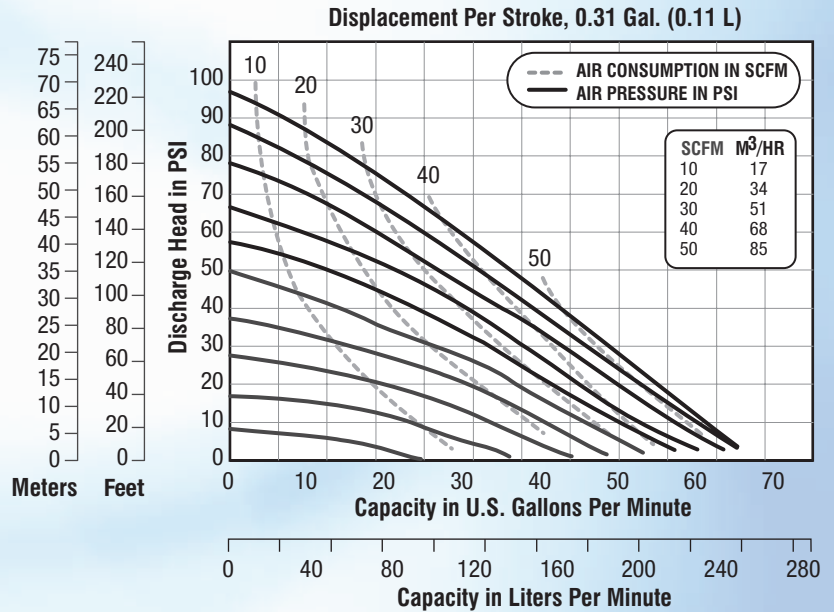
V-Series 1 - 1/2" Pump Specification & Performance

Specifications

- Flow Rate** adjustable to . . . 0-60 gpm (227 lpm)
- Port Size**
- Inlet and Discharge 1.5" Tri-Clamp®
- Air Inlet** 0.50" NPT
- Air Exhaust** 0.75" NPT
- Suction Lift**
- Teflon® 10' Dry/20' Wet (3.05m/6.10m)
- Max. Particle Size** (Dia.) 0.375" (9.53mm)
- Surface Finish** 32 micro-inch (0.8 micrometer)
- Shipping Weight**
- 316 Stainless Steel 75 lbs (34.09 kg)



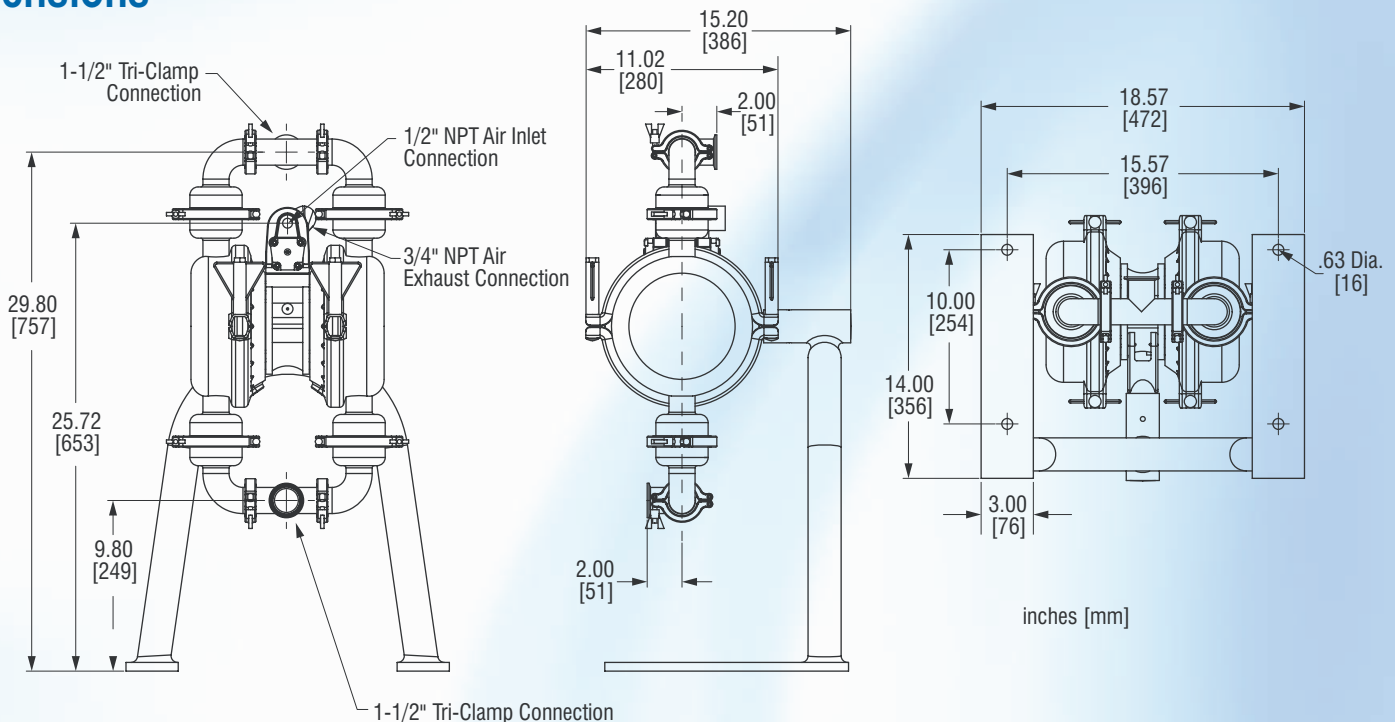
Performance



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

CAUTION: Do not exceed 125 psig (8.5 bars) air supply or liquid pressure.

Dimensions

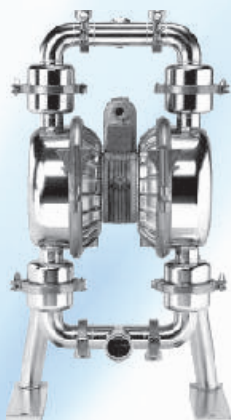


Disclaimer: Dimensions are for guidance only. Please refer to our technical office if a certified drawing is required

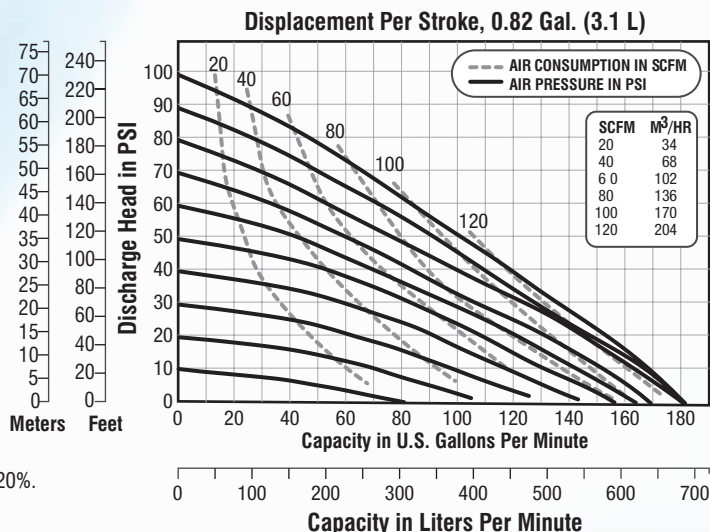
V-Series 2" Pump Specification & Performance

Specifications

Flow Rate adjustable to . . . 0-180 gpm (680 lpm)
Port Size
 Inlet and Discharge 2.0" Tri-Clamp®
Air Inlet 0.50" NPT
Air Exhaust 0.75" NPT
Suction Lift
 Teflon® 10' Dry/20' Wet (3.05m/6.10m)
Max. Particle Size (Dia.) 0.625" (15.88mm)
Surface Finish . . 32 micro-inch (0.8 micrometer)
Shipping Weight
 316 Stainless Steel 125 lbs (56.70 kg)



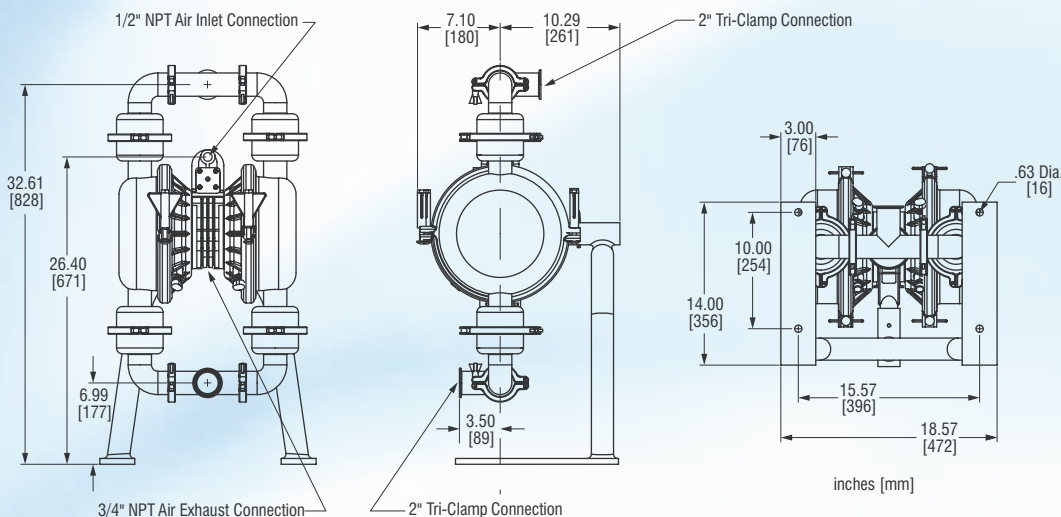
Performance



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

CAUTION: Do not exceed 125 psig (8.5 bars) air supply or liquid pressure.

Dimensions



Disclaimer: Dimensions are for guidance only. Please refer to our technical office if a certified drawing is required

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