

# SANDPIPER®

A WARREN RUPP PUMP BRAND



Standard Duty Metallic  
& Non Metallic Pumps



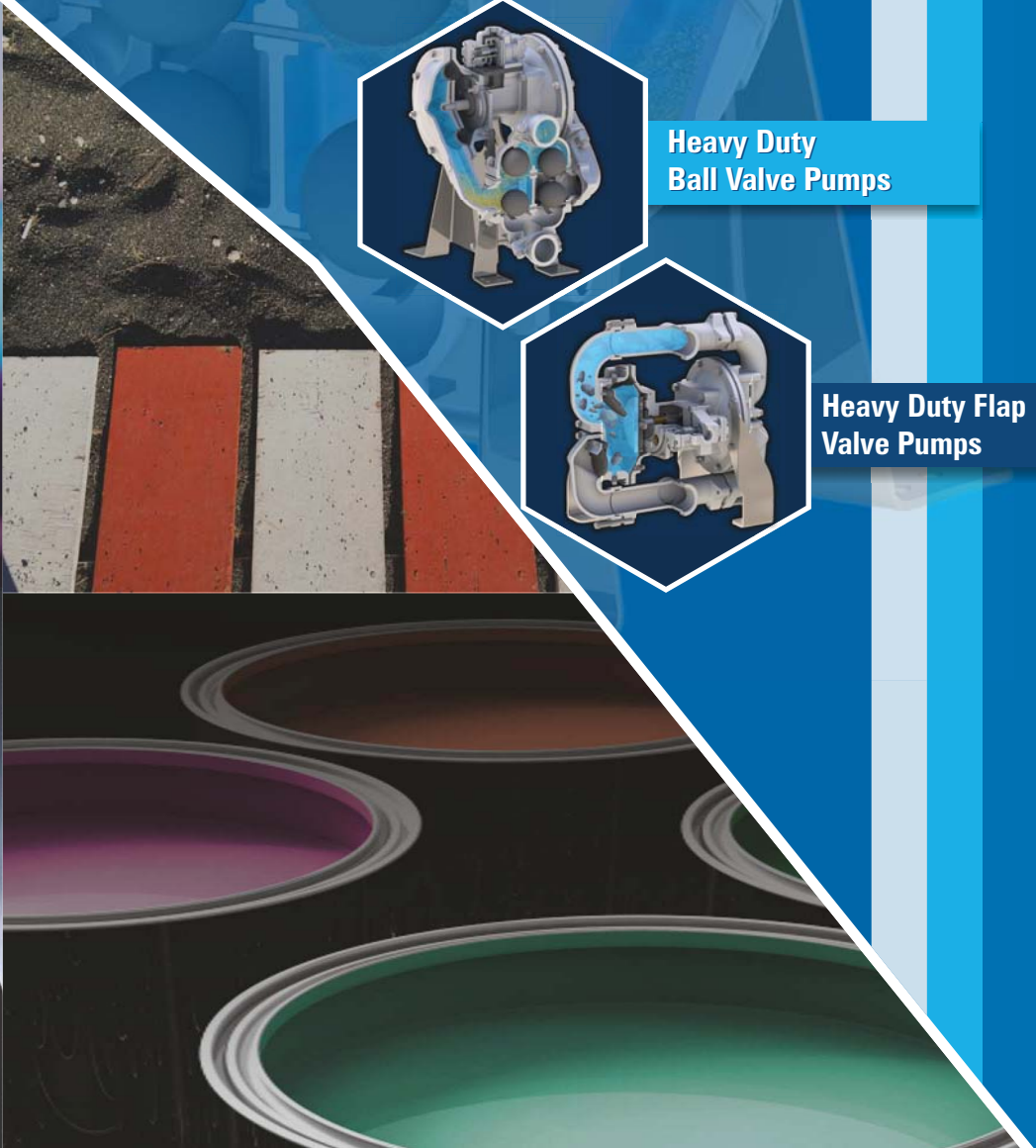
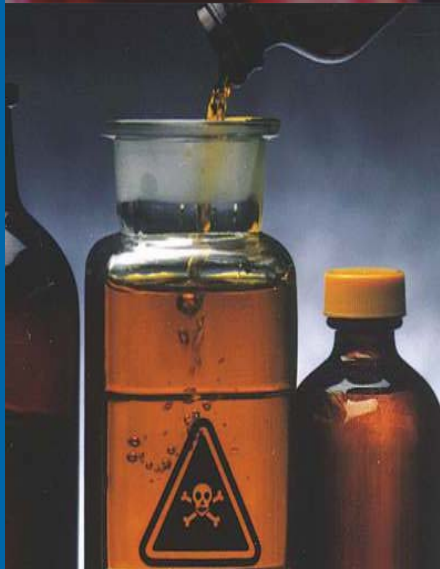
Containment Duty  
Pumps



Heavy Duty  
Ball Valve Pumps



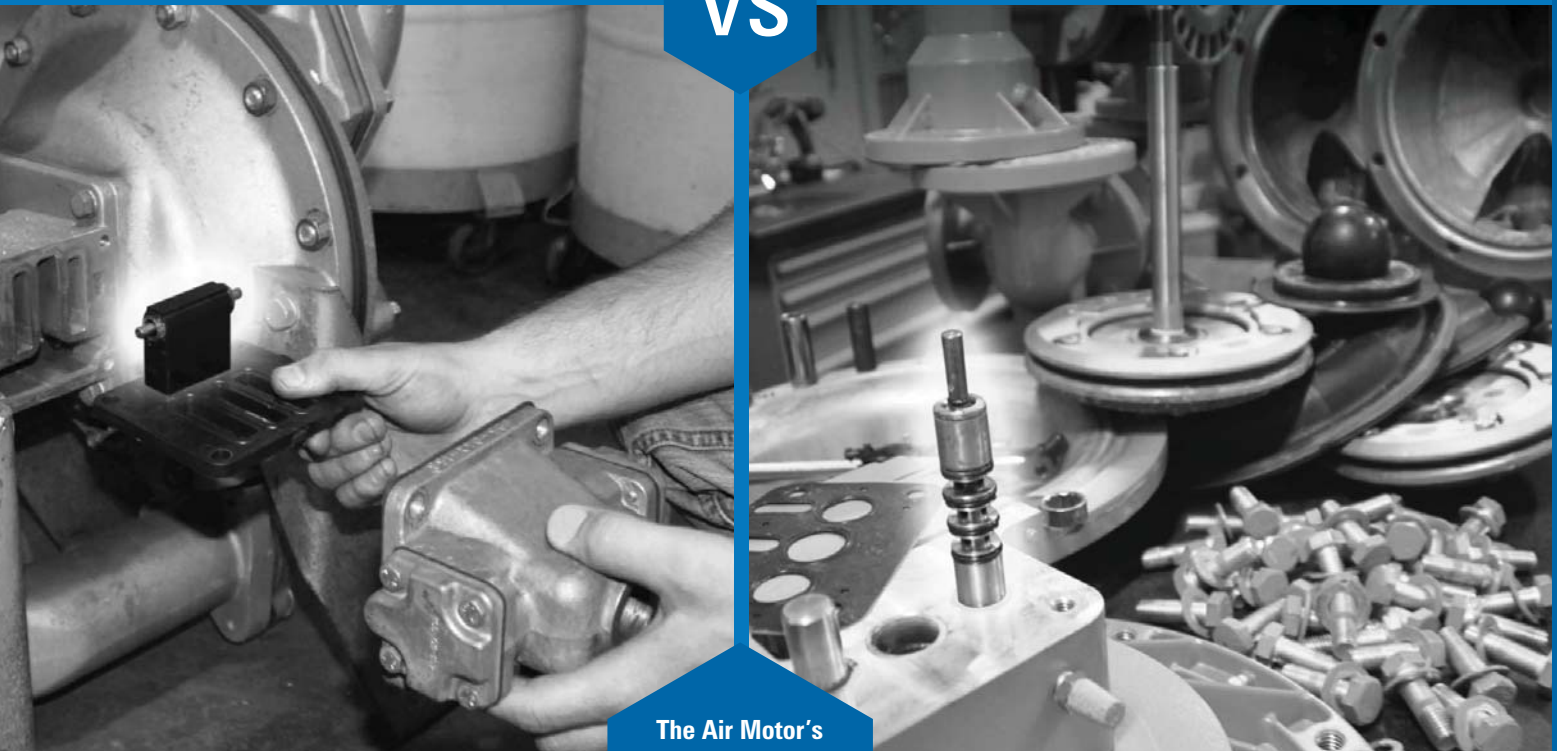
Heavy Duty Flap  
Valve Pumps



# SANDPIPER'S EXTERNALLY SERVICEABLE AIR DISTRIBUTION SYSTEM (ESADS:PLUS)

SANDPIPER'S Externally Serviceable Air Distribution System (ESADS) allows for quick and easy access to the pilot and spool valves without removing the pump from service, maximizing up time!

## SANDPIPER VS COMPETITION



The Air Motor's Pilot Valve is the Most Often Serviced Part on an AODD Pump



5 MINUTES FOR MAINTENANCE / CLEANING

Accomplished in minutes without removing pump from service by removing only 4 bolts



Saves you money by minimizing downtime



55 MINUTES OR LONGER FOR MAINTENANCE / CLEANING

The air valve components can only be accessed by removing the pump from service and taking it entirely apart



Costs you money due to extended downtime

## Standard Duty Metallic Pumps

Delivering maximum flow rate and lesser air consumption

- ◆ Robust diaphragm connecting rod
- ◆ Crossed drilled directional spool valve
- ◆ Top discharge porting eliminates entrained air

<b>Size</b>	1/4" to 3" (6 mm to 75 mm)
<b>Flow</b>	upto 1078 lpm
<b>Solid Handling</b>	1 1/16" to 0.38" (1 to 9.65mm)
<b>Displacement / Stroke</b>	0.0034 to 1.0 gallons (0.011 to 3.79 liters)
<b>Construction</b>	Aluminum, Cast Iron, Stainless Steel, Alloy C
<b>Elastomers</b>	(Diaphragm, Ball Valve and Valve seats) : Nitrile, Neoprene, Santoprene, PTFE, Viton, Hytrel, EPDM

## Standard Duty Non Metallic Pumps

Delivering maximum flow rate and lesser air consumption

- ◆ Robust diaphragm connecting rod
- ◆ Crossed drilled directional spool valve
- ◆ Top discharge porting eliminates entrained air

<b>Size</b>	1/4" to 3"
<b>Flow</b>	upto 1060 lpm
<b>Solid Handling</b>	0.03" to 0.75" (1 mm to 19 mm)
<b>Displacement / Stroke</b>	0.01 to 1.0 gallon (0.04 to 8 liters)
<b>Construction</b>	Polypropylene, PVDF, Conductive PP, Conductive PVDF, Conductive Acetal
<b>Elastomers</b>	(Diaphragm, Ball Valve and Valve Seats) : Nitrile, Neoprene, Santoprene, PTFE, Viton, Hytrel, EPDM

**New  
Evolution  
Series  
Pumps**

## Features and Benefits of Sandpiper Pumps

- ◆ Externally Serviceable Air Distribution System (ESADS+)
- ◆ Non Stalling Air Valve - Guarantee
- ◆ Abrasion Resistant - Lube Free Air Valve
- ◆ All Bolted Construction- Safe, Reliable and Easy Maintenance
- ◆ 90-180 Deg Manifold Connection Rotation Possible for Standard Duty Pumps
- ◆ Durable - Corrosion Resistant - Diaphragm Connecting Rod Guarantee
- ◆ 5 Year Limited Product Warranty

## Heavy Duty Flap Valve Pumps

For fluids containing up to line size solids

- ◆ Diaphragm wear pad
- ◆ Bottom discharge porting
- ◆ Stainless steel check valve seats
- ◆ Superior suction lift

<b>Size</b>	1" to 4" (25 mm to 102 mm)
<b>Flow</b>	upto 984 lpm
<b>Solid Handling</b>	1" to 3" (25-76mm)
<b>Displacement / Stroke</b>	0.1 to 1.5 gallons (0.38 to 5.7 liters)
<b>Construction</b>	Aluminum, Cast Iron, Stainless Steel, Polypropylene
<b>Elastomers</b>	(Diaphragms and Flaps) : Nitrile, Neoprene, Hytrel, Santoprene, Viton, Hytrel, EPDM, Urethane



## Containment Duty Pumps

For fluid containment, protecting people, environment and pump

- ◆ No lost system fluid
- ◆ Visual, electronic and mechanical leak detection is possible
- ◆ No costly clean up

<b>Size</b>	1" to 3" (25 mm to 76 mm)
<b>Flow</b>	upto 901 lpm
<b>Solid Handling</b>	0.25" to 0.71" (6-18 mm)
<b>Displacement / Stroke</b>	0.09 to 0.9 gallons (0.34 to 3.4 liters)
<b>Construction</b>	Aluminum, Cast Iron, Stainless Steel, Polypropylene
<b>Elastomers</b>	(Diaphragms and Flaps) : PTFE, Neoprene, Santoprene, Viton



## Heavy Duty Ball Valve Pumps

For fluids containing settling, suspended & floating solids

- ◆ Thick manifold and chamber walls
- ◆ Heavy duty actuator plungers
- ◆ Down and top ported options
- ◆ For 1" and 1 1/2", side ported option available
- ◆ Weighted ball valve

<b>Size</b>	1" to 4" (25 mm to 102 mm)
<b>Flow</b>	upto 984 lpm
<b>Solid Handling</b>	0.25" to 0.875" (6 - 22mm)
<b>Displacement / Stroke</b>	0.9 to 1.8 Gallons (0.34 to 6.8 Liters)
<b>Construction</b>	Aluminum, Cast Iron, Stainless Steel, Alloy C
<b>Elastomers</b>	(Diaphragm, Ball Valve and Valve seats) : Nitrile, Neoprene, Santoprene, PTFE, Viton, Hytrel, EPDM

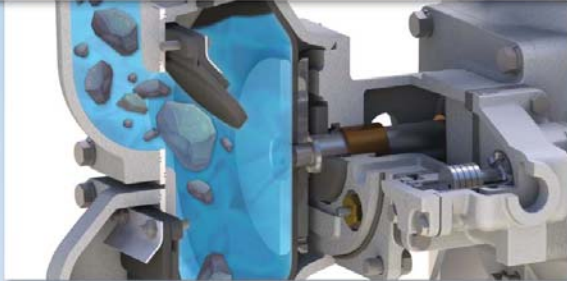


# SANDPIPER

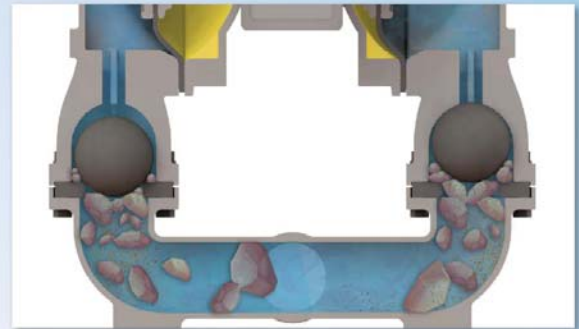


# COMPETITION

## HEAVY DUTY FLAP VALVE PUMP

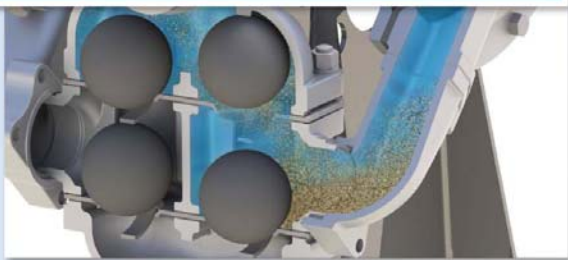


Large solids easily pass through pump

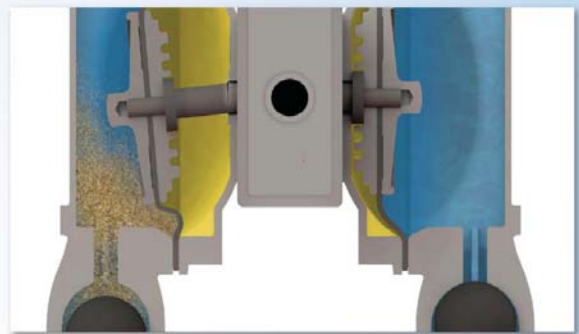


Large solids cannot pass through pump, affecting operation

## HEAVY DUTY BALL VALVE PUMP

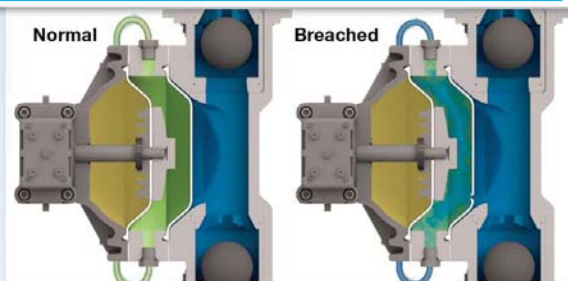


Setting solids easily pass through pump

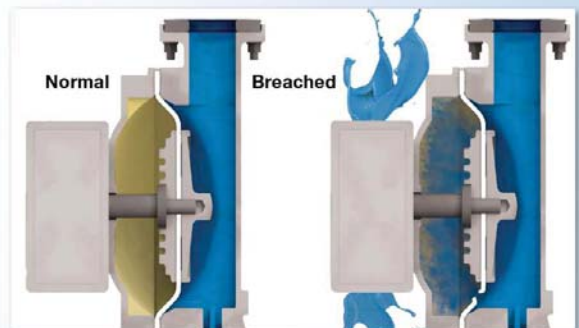


Setting solids collect inside pump, causing damage & affecting operation

## CONTAINMENT DUTY PUMP



Contains fluid when diaphragm becomes breached



Fluid escapes to environment when diaphragm becomes breached.

## Pump With Skid/Trolley

- ❖ *Pump and Skid assembly from India*
- ❖ *One stop shop for pump and related accessories*
- ❖ *Custom Engineered base*
- ❖ *Special materials and Skid / Trolley design possible*



## Certification & Testing

- ❖ *Certification and Testing*
- ❖ *Performance Test*
- ❖ *Hydrostatic Test*
- ❖ *Mechanical Run Test*
- ❖ *PMI and NDT Test*
- ❖ *Certificate of Compliance*
- ❖ *Material Test Report*
- ❖ *Custom Coating / Custom Name Plate*
- ❖ *Certified Drawings*
- ❖ *Additional Test or Certifications upon request*

## Right Pump for Right Applications .....

Heavy Duty Flap	Heavy Duty Ball	Containment Duty
NUTS, BOLTS & SCREWS	FLOATING SOLIDS	CORROSIVE FLUIDS
ROCKS, TWIGS & LEAVES	PEA GRAVEL	PAINT
RAGS	SAND & SLURRIES	TOXIC FLUIDS

**Distributor:**



### Contact us:

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