



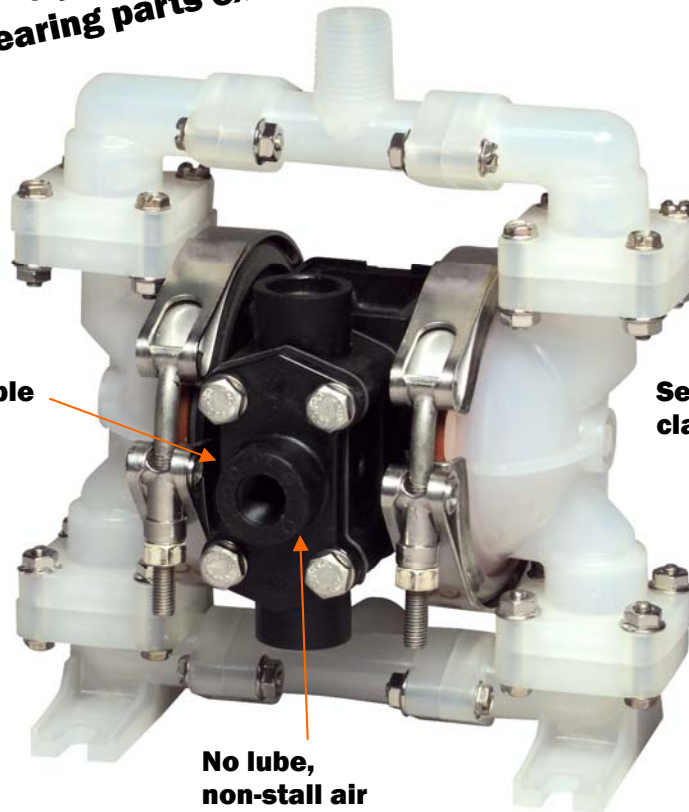
**KelairPumps**

**PB1/4 Non-Metallic**

**SANDPIPER AIR-OPERATED DIAPHRAGM PUMPS**

**5-year warranty  
(wearing parts excluded)**

**Externally serviceable  
air valve**



**Semi-bolted design large  
clamp bands only**

**No lube,  
non-stall air  
valve design  
GUARANTEED**

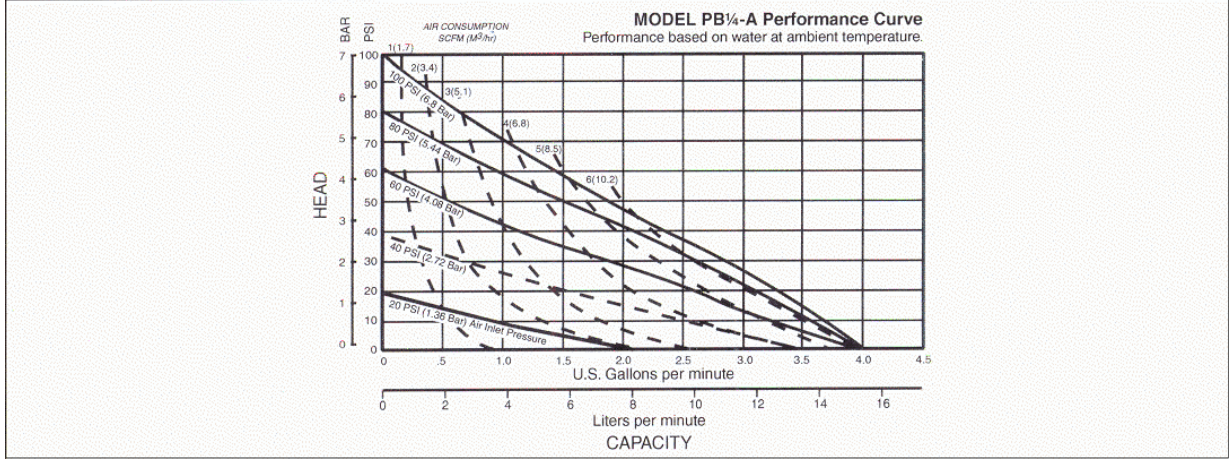
**FEATURES & BENEFITS**

- Size: 1/4" FNPT internal  
1/2" MNPT external
- Flow: 15 l/m
- Head: 6.8 bar
- Solids: Up to 1 mm
- Wetted Materials
  - Polypropylene
  - PVDF
  - Conductive Acetal
- Non-wetted Materials
  - Polypropylene
  - Conductive Acetal
- Elastomer Options
  - Santoprene
  - Teflon

**Call Kelair Direct 1300 789 466**



<b>INTAKE/DISCHARGE SIZE</b> 1/4" (6mm) NPT (Internal) 1/2" (13mm) NPT (External)	<b>ADJUSTABLE FLOW</b> 0 to 4 gallons per minute (0 to 15 liters per minute)	<b>AIR VALVE</b> No-lube, no-stall design.	<b>SOLIDS HANDLING</b> Up to 1/32" (1 mm)	<b>MAXIMUM SUCTION LIFT</b> Dry 5.83 ft. (1.78m.) Wet 25.5 ft. (7.77m.)	<b>MAXIMUM VISCOSITY</b> 10,000 SSU 2200 CPS	<b>HEADS UP TO</b> 100 psi or 230 ft. of water (7 Kg/cm <sup>2</sup> or 70 meters)
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**Sandpiper pumps are designed to be powered only by compressed air**

Dimensions are ± 1/8"  
Figures in parenthesis = millimeters

Dimension	A	B	C
Standard Pump	7" (178)	3.1/8" (79)	5.1/2" (140)
Pulse Output Kit	9" (229)	3.9/16" (90)	5.15/16" (151)

**EXHAUST VIEW**  
DISCHARGE PORT: 1/2" MALE NPT, 1/4" NPTF.

**SIDE VIEW**  
OPTIONAL HORIZONTAL DISCHARGE PORT.

**INLET VIEW**  
SUCTION PORT: 1/2" MALE NPT, 1/4" NPTF.

**BOTTOM VIEW**  
Air Inlet Port: 1/4" NPTF (5.102 mm)

**SERVICE AND ACCESSORY KITS**

- 031-107-000 Main Air Valve Body Assembly
- 031-107-503 Main Air Valve Body Assembly (Conductive Acetal only)
- 031-101-000 Pilot Valve Assembly
- 475-145-000 Air Exhaust Conversion Kit
- 475-154-000 Air Exhaust Conversion Kit (Conductive Acetal only)
- 475-149-520 Pail Transfer Kit in PVDF
- 475-149-552 Pail Transfer Kit in Polypropylene
- 476-117-354 Wetted End Kit Santoprene® Diaphragms & Balls
- 476-117-600 Wetted End Kit PTFE Diaphragms & Balls
- 476-117-644 Wetted End Kit Santoprene® Diaphragms & PTFE Balls
- 476-129-000 Air End Kit

**3/4" NPT(F) AND 1/2" NPT(M) SUCTION AND DISCHARGE • 1/4" NPT(F) AIR INLET PORT**

