



# RV40 Powder pump

## INTRODUCTION

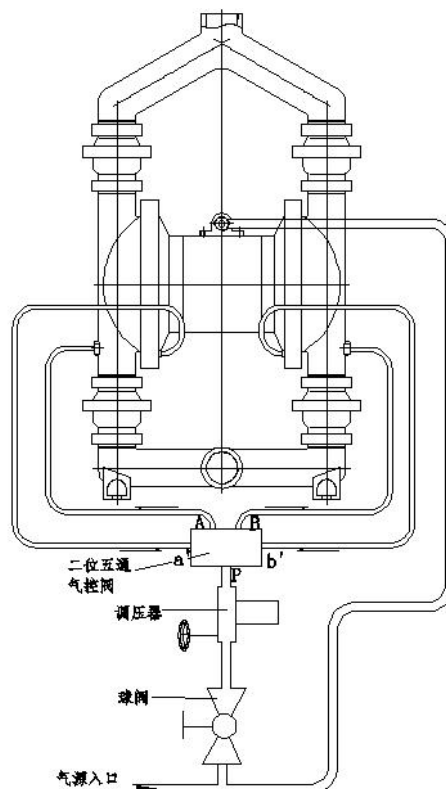
RV powder pump is a kind of pneumatic pump, mainly used for pumping light powders.

Compared with traditional powder transfer system, just like air mixture conveyor, screw conveyor, scraper conveyor, RV powder pump is simpler to install and easily to operate, which is more cost effective.

RV powder pump has totally four specifications, the inlet and outlet port is ranging from 1" 1.5" 2" 3" inch, the fluid contact material has aluminum, carbon steel, stainless steel 304 &316 as options.

Depending on the varied fluid requirement and different applications, the materials of diaphragm are available in Santoprene, Buna-N, Hytrel, Neoprene, Teflon and Viton.

**Diagram 1:**



**APPLICATION:**

RV powder pump can be used for a wide range of powders, as long as the powder bulk density lower than 0.8g/cm<sup>3</sup> and powder keep complete dry, such as flour, silicon dioxide, plasticizer, oxidizer, acrylic resin, acridine, etc.

**PARAMETERS**

Head Lift.....	20m
Suction Lift .....	3m
Max. Flow Rate.....	1.2m <sup>3</sup> /h
Medium Specific Gravity.....	0.8g/cm <sup>3</sup>
Max. Permitted Grain.....	3mm
Particles.....	≤10%
Air Inlet Size.....	1/2”in
Air Outlet Size.....	3/4”in
Fluid Inlet Size.....	1 1/2”in
Fluid Discharge Size .....	1 1/2”in

**RV40 Powder Pump Dimension Drawing**

