



# Powder Transfer System

Transfer and handle your dry process powders faster, cleaner and at a fraction of the cost associated with installed "systems." Consistent trouble-free transfer of powders up to 45-lbs. per cubic foot (721 kgs. per cubic meter) dry-weight, such as carbon black, expanded mica, silicones, acrylic resins, 3D printing powders and pharmaceuticals.

## Replace Manual Powder Processes.

- Reduce Airborne Contamination - With direct transfer from the powder container to your recipe.
- Unique Patented Air-Induction System - Avoids the possibility of powder pack-out.
- Portable - Can be moved from site to site.

### 1 Delay Timer

Built-in timer insures proper fluidization of the powder before start-up.

### 2 Air Filter/Regulator

Included with pump.

### 3 Main Air Control Valve

Directly controlled by the Delay Timer, main start-up valve supplies air pressure directly to the pump's major air valve.

### 4 Pump Major Air Valve

ARO's Air valve features patented, stall-free design.

### 5 4-Way Air-Efficiency Valve

Reduces the amount of air or other inert gas required for operation. A critical cost and energy-saving feature.

### 6 Air Induction Valve

Special valve increases air velocity for optimum powder aeration and diffusion.

"Piggyback" F/R  
Not Included



See reverse side for ordering information.

## Ordering

Position	1		2	3	4		5	6	7
Example:	PP10A	-	X	X	X	-	X	X	X

Position 1 Model Series	Position 2 Connections	Position 3 Wetted Parts	Position 4 Hardware	Position 5 Seat Material	Position 6 Ball Material	Position 7 Diaphragm Material
PP10A - 1" Port	A - 1-11-1/2 N.P.T.F - 1 B - Rp1 (1-11 BSP)	A - Aluminum S - Stainless Steel	P - Plated Steel S - Stainless Steel	A - Santoprene S - Stainless Steel	A - Santoprene	A - Santoprene M - Medical Grade Santoprene

Position	1		2	3	4		5	6	7
Example:	PP20A	-	X	X	X	-	X	X	X

Position 1 Model Series	Position 2 Connections	Position 3 Wetted Parts	Position 4 Hardware	Position 5 Seat Material	Position 6 Ball Material	Position 7 Diaphragm Material
PP20A - 2" Port	A - 2-11-1/2 NPTF - 1 B - Rp2 (2-11 BSP Parallel) C - 2" ANSI DIN Flange	A - Aluminum S - Stainless Steel	P - Plated Steel S - Stainless Steel	A - Santoprene S - Stainless Steel	A - Santoprene M - Medical Grade Santoprene	A - Santoprene M - Medical Grade Santoprene

Position	1		2	3	4		5	6	7
Example:	PP30A	-	X	X	X	-	X	X	X

Position 1 Model Series	Position 2 Connections	Position 3 Wetted Parts	Position 4 Hardware	Position 5 Seat Material	Position 6 Ball Material	Position 7 Diaphragm Material
PP30A - 3" Port	A - 3-8 NPTF - 1 B - Rp3 (3-11 BSP Parallel) F - 3" ANSI/DIN	A - Aluminum S - Stainless Steel	P - Plated Steel S - Stainless Steel	A - Santoprene	A - Santoprene	A - Santoprene

## Accessories

Service Repair Kits | 637397 (air motor PP10A)  
637401-XX (fluid section PP10A)  
637421 (air motor PP20A), 637421 (air motor PP30A),  
637309-XX (fluid section PP20A),  
637303-XX (fluid section PP30A)

Suction Probe | 67183-1 (10ft Long Hose with 2" Diameter.  
For PP20A & PP30A)



Optional Suction Probe  
67183-1

# ARO®

ARO® is a brand of Ingersoll Rand. Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results. For more information, visit [www.ingersollrand.com](http://www.ingersollrand.com).