

# DPS90N

## diaphragm pump unit

The DPS90N stainless steel diaphragm pump unit is designed for production application environments. Featuring stainless steel fluid passages for a wide range of applications (Aluminum version available).

This pump unit is available in four different configurations:

- Stand Mount
- Pail Mount
- Cart Mount
- Wall Mount

The DPS90N delivers constant fluid output. Diaphragm movement is minimal, reducing material supply pulsation and minimizing pump wear.

This pump unit may be used with air spray guns or HVLP spray guns in situations where continuous material supply is required.

### **Stainless Steel Fluid Passages:**

The fluid passages of this pump and fluid regulator are made of stainless steel and are ideal for applications requiring waterborne or solvent borne materials.

### **Easy Handling and Installation:**

Weighing under 40 lbs., the DPS90N is easily installed. Connect the air supply, spray gun and hoses and it is ready to use.

### **Easy Maintenance:**

Fewer number of moving parts and simple construction assures easy maintenance.

### **Suitable applications for medium to high volume manufacturing environment:**

Woodwork and Furniture  
 Metal products and Machinery  
 Commercial and Marine  
 Plastic products



# DPS90N diaphragm pump unit

## TECHNICAL SPECIFICATIONS AND DESCRIPTIONS

Model	DPS901N	DPS902N	DPS903N	DPS904N
Type	Stand Mount	Pail Mount	Cart Mount	Wall Mount
Pump Model	DDP90DN			
Air Inlet	1/4" BSP			
Air Outlet (Spray Gun)	1/4" BSP			
Fluid Outlet	3/8" BSP			
Fluid Filter	100 Mesh			
Fluid Passage	Stainless Steel			
Fluid Regulator Model	PR5N			
Pressure Range	0-85 psi			
Max. Fluid Flow	0.53 gal/min			
Air Regulator	2 Air Regulators (pump / spray gun)			
Suction Tube	50 Mesh Inlet Filter and Circulation Tube			
Dimensions (inch)	21 x 21 x 40	14 x 13 x 30	20 x 21 x 40	11 x 12 x 23
Weight (lbs)	35	32	40	29

**\*\* Spray guns and air / fluid hoses are sold separately \*\***

**\*\* DPS902N (Pail Mount) contact for availability \*\***

### Pump Specifications

Pump Model	DDP90DN
Pressure Ratio	1:1
Maximum Fluid Pressure	98 psi
Operating Air Pressure	20 - 98 psi
Fluid Output/Cycle	1.70 oz
Max. No. of Cycles	200 Cycles/min
Maximum Fluid Output	2.64 gal/min
Max. Fluid Viscosity	300 cps
Fluid Temperature (F)	41 - 109
Air Inlet	1/4" BSP
Fluid Inlet	1/2" BSP
Fluid Outlet	3/8" BSP

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