

Diaphragm Pumps

Infinity Diaphragm Pumps

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Binks Infinity The Best PUMP for ALL kinds of Finishing Applications

- Stainless steel seats on all pumps
- Stainless steel or Teflon balls available on most pumps
- "Unstallable" unbalanced air valve design eliminates stalling problems
- Does not require lubrication in most applications
- Uses significantly less air than the competition and is forgiving in dirty air
- Air motor valve designed to apply constant air pressure to both the pilot and major shift valves to enhance performance and reduce pulsation
- Positive prime instant start ups
- Pressure ratios include 1:1 and 3:1



The Infinity range of Diaphragm Pumps

Five year warranty on workmanship and materials on all Binks Infinity pumps

Binks Infinity diaphragm pumps are the best choice for abrasion, solids handling, and shear sensitive materials. The Infinity series is ideal for the reliable and affordable spray or transfer of low pressure, high volume coatings. The pump will not be damaged in the event that the fluid supply has become depleted. Infinity supports one to multiple spray guns and bulk transfer applications.



Binks Infinity Acetal Pump

Infinity Diaphragm Pumps range and options

Size (inches)	Flow Litres p/min	Flow gpm	Wetted	Diaphragm	Balls	Seats	Part numbers:			
							Bare	Wall	Bung	Pail
1/2	26.5	7	PP	SANT*	SANT*	SS	818835	-	-	-
1/2	26.5	7	GND ACT	TEFLON	SS	SS	818831	-	-	818160
1/2	26.5	7	SS	TEFLON	SS	SS	818834	-	-	-
1/2	49.2	13	PP	SANT*	SANT*	SS	818832	-	-	-
1/2	49.2	13	GND ACT	TEFLON	SS	SS	818836	-	-	-
1/2	49.2	13	SS	TEFLON	SS	SS	818830	818150	818170	-
1/2	49.2	13	PP	TEFLON	SS	SS	818833	-	-	-
1	133	35	PP	TEFLON	SS	SS	818840	-	-	-
1	133	35	ALUM	TEFLON	SS	SS	818820	818120	-	-
1	133	35	SS	TEFLON	SS	SS	818822	818122	-	-
1 (3:1)	90.8	24	SS	TEFLON	SS	SS	818850	818100	-	-
1 1/2	378	100	SS	TEFLON	TEFLON	SS	818810	818110	-	-

5 *NB: 1/2" pumps with 'SANT' diaphragm and balls are suitable for ceramic applications.

Key:

- SS = Stainless Steel
- GND ACT = Groundable Acetal
- PP = Polypropylene
- SANT = Santoprene

DVP Pumps

DVP – 1:1 Ratio Diaphragm Pumps and Outfits

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The DVP is a high specification, air powered 1:1 ratio Diaphragm Pump developed for the direct supply of paints and materials to Spray Guns.

The design ensures a constant and virtually pulse free fluid delivery for direct feed to Spray Guns without the expense and complications of a fluid regulator or surge chamber.

The DVP range features bare pumps, assembled pump packages and complete “ready to spray” outfits matched with the renowned DeVilbiss Advance or FLG5 Spray Guns.

DVP is perfect for use with ALL TYPES of Spray Gun technologies including, Conventional, Compliant TRANS-TECH®, HVLP and Electrostatic.

- Ideal for Spray Gun supply and material transfer applications
- Choice of cart, wall, pail & tripod mounted packages and outfits
- Rapid fluid delivery of up to 17 litres per minute
- Even surge free fluid delivery at up to 60 cycles / minute
- Designed specifically for spray finishing with quick flushing and fluid changes
- Twin air regulators provide independent control of pump and Spray Gun pressures
- Low capital cost compared to pressure tanks with no expensive pressure test certification regulations



DVP-610-F pail mounted 25 litre standard pump. *Pail not included



DVP-630-F wall mounted standard pump



DVP-675 cart mounted standard pump



DVP-660 tripod mounted standard pump

DVP Pump specification and performance data	
Pump ratio	1:1
Max. regulated air supply pressure	7 bar (100 psi)
Max. fluid supply pressure	7 bar (100 psi)
Max. fluid viscosity (Ford No 4 cup)	60 seconds
Pump operating speed	60 cycles per minute
Fluid delivery rate	17 litres per minute (max)
Maximum fluid temperature	90°C (195°F)
Ambient temperature range	0° to 40°C
Air inlet	1/4"
Air outlet	1/4"
Fluid outlet	3/8"

Binks DVP Pump Packages Part No's	
DVP-660	Tripod DVP standard pump
DVP-670	Tripod DVP waterborne pump
DVP-675	Cart mounted standard pump
DVP-685	Cart mounted waterborne pump
DVP-610-F*	25 litre pail standard pump
DVPS-F*	25 litre pail waterborne pump
DVP-630-F	Wall mounted standard pump
DVPE-F	Wall mounted waterborne pump
DVP-615*	25 litre pail ceramic pump
DVP-635	Wall mounted ceramic pump

*Pail not included

DVP ready assembled spray outfits including spray gun part no's	
DVP-T-FLG5	Tripod mounted pump outfit with FLG5 gun
DVP-C-FLG5	Cart mounted pump outfit with FLG5 gun
DVPAN-T-ADV	Tripod mounted pump outfit with Advance TT gun
DVPAN-C-ADV	Cart mounted pump outfit with Advance TT gun



Advance Spray Gun



FLG5 Spray Gun

Binks DVP Bare Pump Part No's:	
DVP-510	Standard/solvent paints
DVP-AN	Waterborne paints
DVP-515	Ceramic materials

Pump package contents and part numbers (excluding Spray Gun and Hoses)										
Models include	DVP-660 TRIPOD	DVP-670 TRIPOD	DVP-675 CART	DVP-685 CART	DVP-610-F PAIL*	DVPS-F PAIL*	DVP-630-F WALL	DVPE-F WALL	DVP-615 PAIL*	DVP-635 WALL
Water and solvent based pump		●		●		●		●		
Solvent based pump	●		●		●		●			
Ceramic/abrasive material pump									●	●
Fluid filter bypass valve assembly	●	●	●	●	●	●	●	●		
Twin air regulators	●	●	●	●	●	●	●	●		●
Single air regulator									●	
Rigid St St suction tube and filter	●	●			●	●			●	
Flexible St St suction wand, filter and hose			●	●			●	●		●

① Tips/needles = Stainless Steel as standard ② Stainless Steel fluid passageways ③ Optional = Tungsten Carbide and hardened tips/needles

④ Substrate = Wood, metal, plastic and others ⑤ Substrate = Ceramic and glaze