

**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, LVLP and Electrostatic.

#### APPLICATIONS

- Aerospace Industry
- Agricultural
- Leather Goods and Shoe Makers
- Potteries and Tile Makers (Glaze)\*
- Jobbers
- Marine industry
- Woodworking and Joinery
- Truck and Bus
- Rail and Transport
- Plus Many Others:

#### TYPICAL MATERIAL/ COATING TYPES

- Solvent and Water Based Paints and Materials
- Lacquers, Stains and Varnishes
- Adhesives and Fillers
- Ceramics and Glaze\*
- Sealers and Undercoats
- Plus Many Others:

\* Ceramic pump model required.



# DVP

## 1:1 ratio diaphragm pumps and outfits

- 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 1:1 ratio diaphragm pump packages

The Binks DVP range of packages are easily transportable and energy efficient, the air driven, 1:1 ratio double-diaphragm pump is available in a variety of fixed and mobile outfits to suit varying application requirements for industrial paints and coatings. The high quality construction of the pump ensures it can be used with virtually all solvent & water borne spray materials and there is a version specifically developed for use on Ceramic & Glaze based materials.

DVP also provides fast fluid transfer (up to 17 litres per minute) and is self priming.

Outfits include as standard, twin air regulators which independently control the pump and spray gun pressures, plus, an outlet fluid filter/bypass pressure dump assembly along with a flexible suction wand/filter assembly or a rigid inlet tube with filter to provide clean and filtered fluid to the spray gun. The fluid/material container can be constantly topped up whilst the pump is in operation, enabling all of the spray material to be used without waste, reducing downtime and assisting in quick and simple colour change operations.



DVP-660 tripod mounted standard pump



DVP-675 cart mounted standard pump



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



DVP-630-F wall mounted standard pump

### Binks DVP Bare Pump Part No's:

DVP-510	standard/solvent paints
DVP-AN	waterborne paints
DVP-515	ceramic materials

### 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-615*	25 litre pail mounted ceramic pump
DVP-630-F	Wall mounted standard pump
DVPE-F	Wall mounted waterborne pump
DVP-635	Wall mounted ceramic pump

\*Pail not included

## DVP ready assembled spray outfits including spray gun

The DVP spray outfits are available with either Advance Trans-Tech® or FLG5 Trans-Tech® spray guns. They are delivered fully complete and ready to use apart from connecting the guns and hoses as necessary.



DVP-T-FLG5: Tripod-mounted standard pump, fluid filter/bypass assembly, twin air regulators, 7.5m air and fluid hose, stainless steel pick up tube and filter and FLG5 Conventional Spray Gun†



DVPAN-T-ADV: Tripod-mounted waterborne pump, fluid filter/ bypass assembly, twin air regulators, 7.5m air and fluid hoses, stainless steel pick up tube and filter and Advance Trans-Tech® Spray Gun\*



DVP-C-FLG5: Cart-mounted standard pump, fluid filter/bypass assembly, twin air regulators, 7.5m air and fluid hose, flexible suction wand and FLG5 Conventional Spray Gun†



DVPAN-C-ADV: Cart-mounted waterborne pump, fluid filter/bypass assembly, twin air regulators, 7.5m air and fluid hoses, flexible suction wand and Advance Trans-Tech® Spray Gun\*

### 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 gun
DVPAN-C-ADV	Cart mounted pump outfit with Advance gun

†Includes FLG5 Spray Gun Trans-Tech® (1.4mm tip with 622 air cap).



\*Includes Advance Spray Gun Trans-Tech® (1.4mm tip with 510 air cap).



# DVP

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*
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			●	●			●	●	

\*Pail not included



All suction tubes include stainless steel fluid strainers.



CE and ATEX approved with earthing cable as standard.



Fluid filter and bypass facility on all pumps.



Twin air regulators provide independent control of the pump and spray gun pressures.

#### 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"

**For further technical information please refer to the Service Bulletin.**

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