



**Multi – Purpose Diaphragm Pump Packages from the World Leaders in Finishing Technology.**

**Binks Infinity Diaphragm pump packages** are ideal for single or multi gun outlet spraying and will handle a wide range of conventional & waterborne materials.

They can be utilised with Binks, DeVilbiss and Ransburg sprayguns using Conventional Air, HVLP, Compliant or Electrostatic atomisation technologies.

**TRIED & TESTED**

At the heart of the packages is our world renowned 1:1 ratio 1/2" Acetal Double Diaphragm Pump, utilising horizontally opposed Teflon diaphragms to deliver up to 26.5 litres per min (max). With carefully smoothed internal pump contours to provide users with consistent fluid delivery – the ideal for quality surface finishing.

**VERSATILE**

Pump packages are available in Wall, Trolley, Pail and Floor mountings with a wide variety of optional extras to provide the answer for all of your product finishing needs.

**Look at these superb Features & Benefits:**

- 5 YEAR PUMP WARRANTY
- PATENTED “UNSTALLABLE” AIR VALVE DESIGN
- PUMP BODY – GROUNDABLE STAINLESS STEEL FILLED ACETAL
- COMPATIBLE WITH MOST SOLVENT & WATERBORNE MATERIALS
- TEFLON DIAPHRAGMS, ST ST BALLS & SEATS ENSURE LONGER WORKING LIFE
- SELF PRIMING DOUBLE ACTION PUMP FOR INSTANT START-UP'S
- LOW MAINTENANCE DUE TO TRIED & TESTED DESIGN
- ECONOMICAL & EFFICIENT – MORE FLUID DELIVERED PER CFM OF AIR USED
- “NON BLEEDER PUMP”- ONLY USES AIR WHEN PUMP IS IN OPERATION
- “SHORT STROKE” PUMP ENSURES CONSISTENT FLUID DELIVERY
- MANUFACTURED TO ISO9000 CERTIFICATION & CE MARKED

**INFINITY DIAPHRAGM PUMP PACKAGES AND CONTENTS**

PART NO'	DESCRIPTION	106962 WALL OUTFIT	106963 TROLLEY OUTFIT	106964 FLOOR OUTFIT	106965 PAIL OUTFIT*
818831	DOUBLE DIAPHRAGM ACETAL (SHORT STROKE) PUMP	✓	✓	✓	✓
135-80	ANTI- PULSATION CHAMBER /FILTER ASSY	✓	✓	✓	✓
1202002-DV	1/4" BSP AIR REGULATOR - <b>AIR INLET</b> 1/4" BSP MALE	✓	✓	✓	✓
DVP-41-W	SYPHON PAINT HOSE	✓	✓		
DVP-80	STRAINER			✓	✓
DVP-2	SUCTION PIPE			✓	✓
172028	3/8" BALL VALVE - <b>FLUID OUTLET</b> 3/8" BSP MALE	✓	✓	✓	✓
192037	WALL MOUNTING BRACKET	✓	✓	✓	
192038	TROLLEY ASSEMBLY		✓		
192039	FLOOR STAND ASSEMBLY			✓	
135-53	5 GALLON LID ASSY				✓
DVP-31	PRESSURE GAUGE	✓	✓	✓	✓

Note: One off each component part is included unless otherwise stated.

**PACKAGE FEATURES**



1202002-DV 1/4" AIR REGULATOR & DVP-31 GAUGE ASSEMBLY INCLUDED WITH ALL PACKAGES



PUMP HEIGHT FULLY ADJUSTABLE ON FLOOR & TROLLEY PACKAGES TO SUIT MOST TYPE /SIZE OF MATERIAL CONTAINERS



106966 OPTIONAL AIR REGULATOR AND MANIFOLD KIT\* ALLOWS INDEPENDENT CONTROL OF PUMP & GUN PRESSURES 3/8" BSP MALE INLET



135-80 ANTI-PULSATION CHAMBER & FILTER ASSEMBLY INCLUDED WITH ALL PACKAGES, CAN BE MOUNTED AT EITHER END OF PUMP OUTLET MANIFOLD



\*EXCLUDES 5 GALL PAIL



TROLLEY MOUNTED PACKAGE COMPLETE WITH **OPTIONAL** 106966 AIR REGULATOR & MANIFOLD ASSEMBLY

\*NOT SUITABLE FOR PAIL & FLOOR PACKAGES

**MARKETS AND APPLICATIONS**

- Aerospace Industry
- Agricultural
- Automobile Manufacturers
- Automotive Vehicle Component Manufacturers
- Electronics
- Electrical components
- Furniture Manufacturers (Wood and Metal)
- Fibreglass Products (Finishing)
- General Industry
- Leather goods
- Shoe Makers
- Defence Establishments
- Off Road Vehicles
- Plastics Industry
- † Potteries (Glaze)
- Jobbers - Stove Enamellers
- Ship & Boatbuilders
- White Goods Industry
- Woodworking
- Plus Many Others:

**TYPICAL MATERIAL/COATING TYPES**

- Solvent Based Paints and Materials
- Water based Paints and Materials
- Lacquer
- Adhesives
- Primers
- Twin Pack Materials (2K)
- Oil
- Enamels
- Fillers
- Solvents
- Stains and Varnishes
- Release Agents
- Undercoats
- † Ceramics and Glaze
- Wax Based Materials
- Plus Many Others:

† Alternative pump model required.

## TECHNICAL SPECIFICATION

### 7 GPM (US) SHORT STROKE - 1/2" PORTS NON-METALLIC DIAPHRAGM PUMP

#### PUMP CONSTRUCTION

BARE PUMP MODEL	WETTED PARTS	CENTRE BODY	BALL & SEAT	DIAPHRAGM	STROKE
818831	GROUNDABLE ACETAL	POLYPROPYLENE	STAINLESS STEEL	TEFLON	SHORT

#### PERFORMANCE SPECIFICATION - BARE PUMP

RATIO:	1:1
MAXIMUM LITRES (G.P.M. US)	26.5 (7 US)
DISPLACEMENT LITRES (GALLONS) PER CYCLE :	.083 (.022)
AIR INLET:	1/4" NPT (F)
FLUID INLET:	1/2" NPT (F)
FLUID OUTLET:	1/2" NPT (F)
MAX. OPERATING PRESSURE PSI (BAR):	100 (6.9)
SUSPENDED SOLIDS MAX. DIA. MM. (IN):	2.4 (3/32")
WEIGHT - KG. (LBS):	4.0 (8.8)

Infinity Diaphragm Pumps are also available with 1" and 1 1/2" inlet/outlet Ports

SPARE KITS		
Air motor	862004	
Diaphragm	862040	
Ball & seat	862045	

## Non-Metallic \*Groundable Diaphragm Pumps

The Binks Infinity Groundable Diaphragm Pump is constructed from a patented material blend that serves to route electrostatic buildup to a single bleed-off point, ensuring safe operation. This exclusive body composition, also provides superior compatibility with harsh industrial solvents and other volatile materials.

\*A groundable pump is defined as one which is not able to accumulate a charge of sufficient energy to ignite flammable vapours. Be sure that every component in your system is properly earthed.

The complete Infinity Pump range and additional Technical specifications are detailed in our Infinity Pump Brochure A98-29, which is available from the Industrial Marketing Department / Customer services office or your approved Industrial Distributor.



**873067**  
Earthing / Grounding Wire kit is included with bare pumps and packages. They are recommended for use on all applications.

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#### DISTRIBUTOR

## BINKS®

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# BINKS®

MATERIAL HANDLING