Binks

Binks DX70

Diaphragm Pumps

- High performance pump packages with built-in fluid regulator

FLUID HANDLING

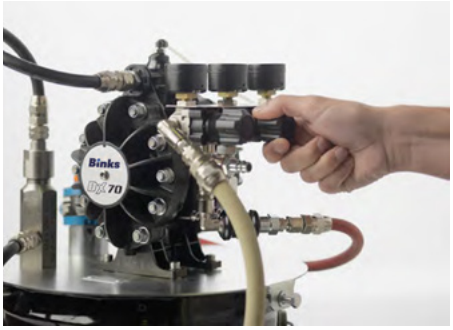
BINKS DX70 Diaphragm Pumps

The Binks DX70 is the perfect solution for one gun spray applications with faster color changes and quick refills for less production downtime.

Binks DX70 Air Operated 1:1 Ratio Diaphragm Pump

The pump features a unique diaphragm no-crease shape for a long life. The DX-70 also includes a built-in fluid regulator which ensures a constant and virtually pulse-free fluid delivery for direct feed to spray guns. This design reduces the cost and complexity of additional fluid regulators or surge chambers.

The "built-in" fluid regulator provides easily adjustable surge-free paint flow. This feature costs extra on competitive models.



DX70R3-CFG Cart-mounted pump with 1.4 gal (6L) gravity bucket feed, filter and three air controls.

DX70R3-WF Wall-mounted pump with paint filter and three air controls. (Pail not included.)

DX70R3-TF Tripod-mounted pump outfit with three air controls.

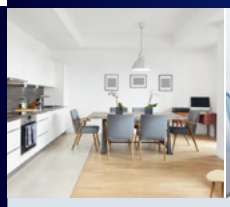
DX70R3-PFA Pail-mounted pump with agitator, filter and three air controls. (Pail not included.)

- Air Valve provides smooth, quiet and surge-free paint delivery up to 34 fl. oz/min (1000 cc/min)
- Acetal Pump Body with Stainless Steel balls and soft seats allow for universal paint compatibility for solvents and water-based materials
- The DX70 is a 1:1 diaphragm pump designed for supply of paints and materials to spray gun and fluid transfer applications

Suitable For:

- Solvent-Based Materials
- Water-Based Materials
- Stains, Lacquers, Varnishes
- Sealers and Undercoats
- Many others

COATING TYPES AND APPLICATIONS



WOODWORKING

AEROSPACE

AGRICULTURAL AND OFF ROAD

MARINE INDUSTRY

TRUCK AND BUS

BINKS DX70 Diaphragm Pumps

Pump Packages

Pump Package (no gun) part numbers

DX70 ☐☐ – ☐☐☐

REGULATOR TYPE
R - FLUID REG

AIR REGS
3 - 3 REGULATORS

MOUNTING TYPE
C - CART
W - WALL
T - TRIPOD
P - PAIL

OPTIONS
– - NO OPTION — If you do not select an option leave the box blank
G - GRAVITY FED
A - AGITATOR

FILTER
F - FILTER

DESIGN YOUR DX70 PUMP PACKAGE

DX70 PUMP PACKAGE CONTENTS AND PART NUMBERS	DX70R3-PF	DX70R3-PFA	DX70R3-CF	DX70R3-CFG	DX70R3-WF	DX70R3-TF	DX70R3-TFG
DX70 Bare Pump	•	•	•	•	•	•	•
Fluid Regulator	•	•	•	•	•	•	•
Filter Assembly	•	•	•	•	•	•	•
Air Controls 3 Regulators	•	•	•	•	•	•	•
Siphon Hose	•	•	•	•	•	•	•
Agitator		•					
Gravity Feed 1.4 gal (6L) hopper				•			•
Pail Mount	•	•					
Tripod Mount						•	•
Cart Mount			•	•			
Wall Mount					•		

SPARE PARTS

PART #	DESCRIPTION
DXK-2	Check Valve Kit
DXK-3	Diaphragm Kit
DXK-4	Shaft and Seal Kit
DXK-15	Fluid Regulator Kit
DXA-AC3	Air Control (3 regs)
DXA-F10ME100	Filter Assembly 100 mesh
VS-58	Filter 100 mesh
VS-58-60	Filter 60 mesh
DXA-DVT	Dump Valve tripod/pail
DXA-DVW	Dump Valve wall/cart
41-3312-S	Agitator

BARE PUMPS

PART #	FITTINGS	FLUID REGULATOR
DX70R-MM	Male inlet/ Male outlet	Yes
DX70N-FF	Female inlet/ Female outlet	No

Stainless Steel fluid filter with mesh sizes 60 and 100* (*100 mesh supplied as standard).

CE & ATEX approved with Earthing/ grounding cable as standard.

All suction pick up tubes include stainless steel strainers.

Unique quick release air, fluid inlet and outlet connections for easy, faster servicing.

Gravity feed outfits include strainer inside the hopper.

BINKS DX70 Diaphragm Pumps

PUMP SPECIFICATIONS

DX70 PUMP SPECIFICATION (BARE PUMP)	DESCRIPTION
Pump Ratio	1 to 1
Max Air Pressure	100 psi/7 bar
Nominal Flow Volume/Cycle	0.018 gal (0.07 L)
Fluid Output @60 cycles/min	1.1 gal/min (4.2 l/min)
Max Recommended Continuous Cycle Rate	10 cycles/min
Max Recommended Intermittent Cycle Rate	30 cycles/min
Inlet Fluid Connection	3/8" Universal (BSPP/NPSM) Male or Female
Outlet Fluid Connection	3/8" Universal (BSPP/NPSM) Male or Female
Maximum Dry/Wet Lift	21.8 feet (6.6 m)
Air Inlet	1/4" (BSPP) Female
Air Volume /cycle@100 psi	0.027 SCFM
Air Volume 10 cycles/min 100 psi/6.9 cycles	0.27 SCFM/min
Air Volume 30 cycles/min 100 psi/6.9 cycles	0.82 SCFM/min
Noise Level	68 dB
Weight	4.9 lbs (2.2 kg)

DX70 READY ASSEMBLED SPRAY OUTFITS INCLUDE SPRAY GUN

OUTFIT NUMBER	PUMP PART NUMBER	MOUNT	TROPHY GUN PART NUMBER
98-3221	DX70R3-PF	Pail	2465-HV1
98-3224	DX70R3-PFA	Pail w/agitator	2465-HV1
98-3226	DX70R3-CF	Cart	2465-HV1
98-3227	DX70R3-TF	Tripod	2465-HV1
98-3228	DX70R3-WF	Wall	2465-HV1

Outfits include Trophy HVLP Spray Gun with 1.0 mm, 1.4 mm, and 1.8 mm set ups, 25' Ergoflex Hose, and 25' Fluid Hose.

98-3224 pail mount with agitator spray package (pail not included)

Binks DX Series Pump 5-Year Warranty

Binks® warrants to the original end-use purchaser that the Binks branded products "DX" shall not fail under normal use and service due to a defect in material or workmanship within five (5) years from the date of shipment from Binks. Binks DX Series Pump 5-Year Warranty does not include normal wear.

For further technical information please refer to the Binks DX70 Diaphragm Pumps Service Bulletin.