

BINKS **DX 70**

Product Introduction June 2013.

BINKS DX 70

- BINKS DX SERIES *Air Operated 1:1 Ratio Diaphragm Pumps*
GAMME BINKS DX *Pompe Pneumatique à Membrane Rapport 1:1*
BINKS DX SERIE *Luftangetriebene Membranpumpe mit 1:1 Übersetzung*
GAMMA BINKS DX *Pompa Pneumatica a Membrana Rapporto 1:1*
GAMA BINKS DX *Bomba Neumática de Diafragma de Ratio 1:1*

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BINKS DX70



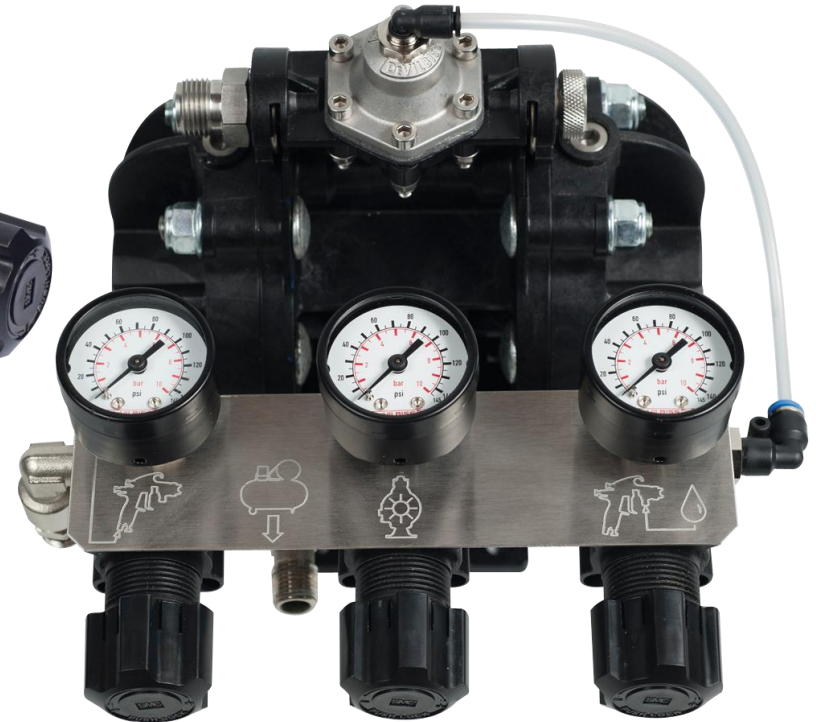
DEVILBISS Ransburg BGK BINKS



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BINKS **DX70**

DX70 is the perfect solution for one or two spray gun applications with faster colour changes and quick refills for less production downtime.



Stainless etched panel to identify controls

- ✓ **Acetal pump body with st. st. balls and soft seats** for universal paint compatibility including ceramic glaze coatings
- ✓ **The unique diaphragm design and “built in” fluid regulator** provide consistent pressure and readily adjustable paint flow
- ✓ **The Non-stall air valve** provides smooth, quiet and surge free paint delivery up to 1000 cc/ minute
- ✓ **Clearly labelled Air regulators** provide independent control of pump and spray gun fluid and air pressures
- ✓ **Quick release air, fluid inlet and outlet connections** for faster maintenance
- ✓ **Re-circulation/dump valve** accessory for faster colour changes reducing down time, saving time and money
- ✓ **Pump outfit mountings** include Cart, Wall, 25L Pail & Tripod outfits with or without spray guns & hoses
- ✓ **Outfits with Fluid filter** are available for finer paint finishes

Markets and Applications

APPLICATIONS

- Woodworking and Joinery
- Aerospace Industry
- Agricultural and Off Road
- Potteries and Ceramic Glaze*
- Trade Coaters and Jobbers
- Marine Industry
- Truck and Bus
- Rail and Transport
- Plus Many Others:

**The standard pump without fluid regulator can also be used on ceramic glaze applications.*

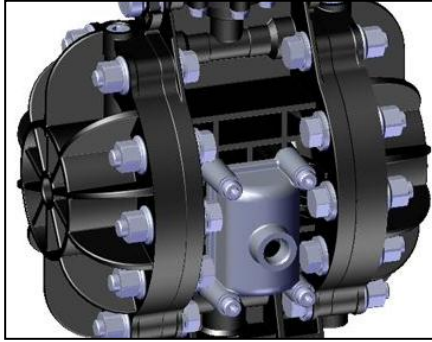
TYPICAL PAINTS/COATING TYPES

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

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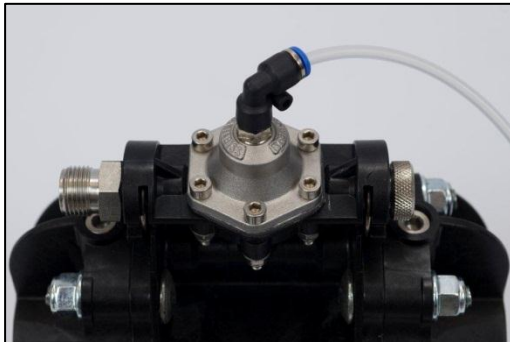
Binks DX/70 is the low cost solution compared to pressure tanks with no expensive annual pressure test certification regulations.



Acetal pump body with st. st. balls and seats for universal paint compatibility including ceramic glaze coatings.



Non-stall air valve for smooth, quiet and surge free paint delivery up to 1000 cc/minute.



The **built in" fluid regulator** provides easily adjustable paint flow – this costs extra on competitive models.



Quick release air, fluid inlet and outlet connections for faster maintenance.

DX70 provides fast fluid delivery of up to 1000cc per minute and is self priming.

BINKS DX70

Binks DX/70 is the low cost solution compared to pressure tanks with no expensive annual pressure test certification regulations.



Clearly Identified **Air regulators** provide independent control of pump and spray gun fluid and air pressures



Unique diaphragm no-crease shape for a long and durable working life.



Optional **re-circulation dump valve** for faster colour changes reducing down time saving time and money.

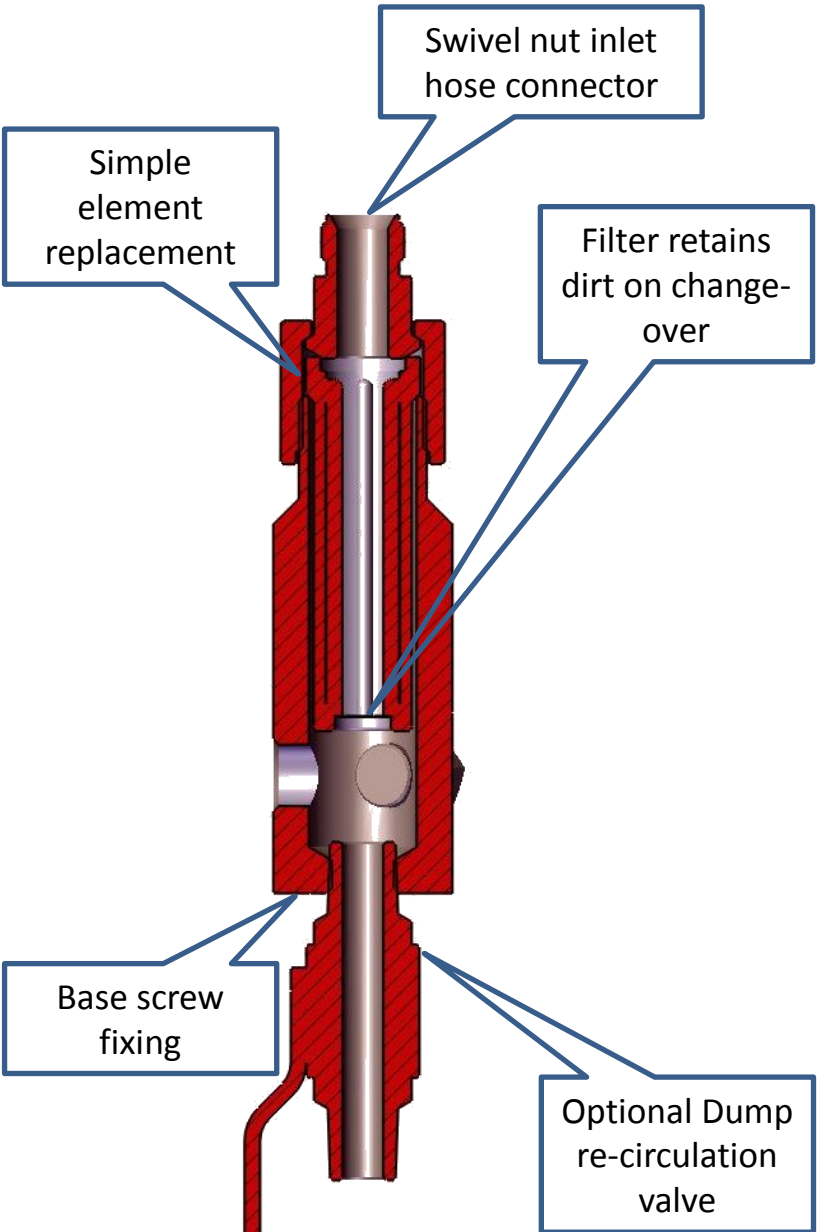
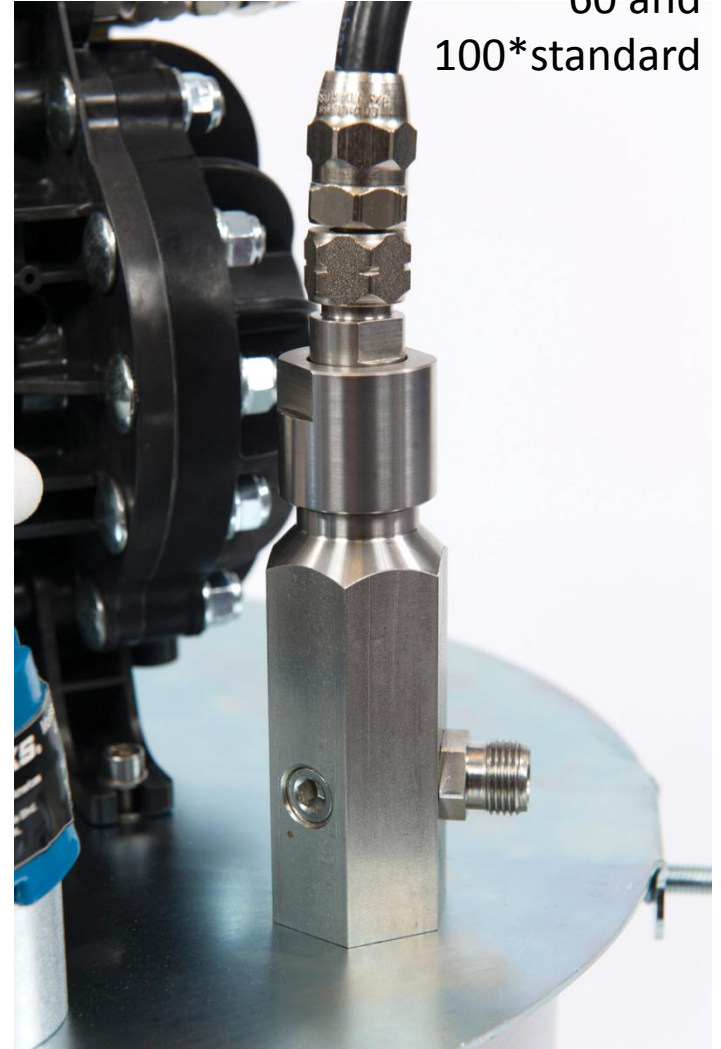


Optional **fluid filter** for finer paint finishes in mesh size 30, 60, 100* & 200. (*standard)



Ceramic pump excludes the Fluid Regulator.

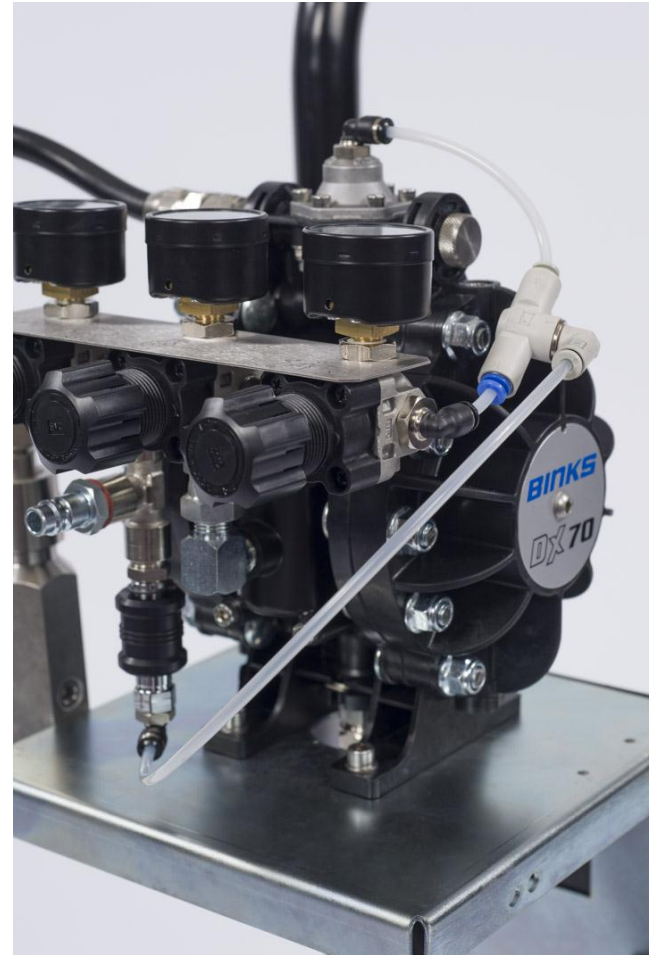
Filter element
(mesh size)
60 and
100*standard



Quick “Full Pressure” Fluid Regulator Flushing Accessory.



DXA-RP Fluid regulator full pressure flush valve assembly.

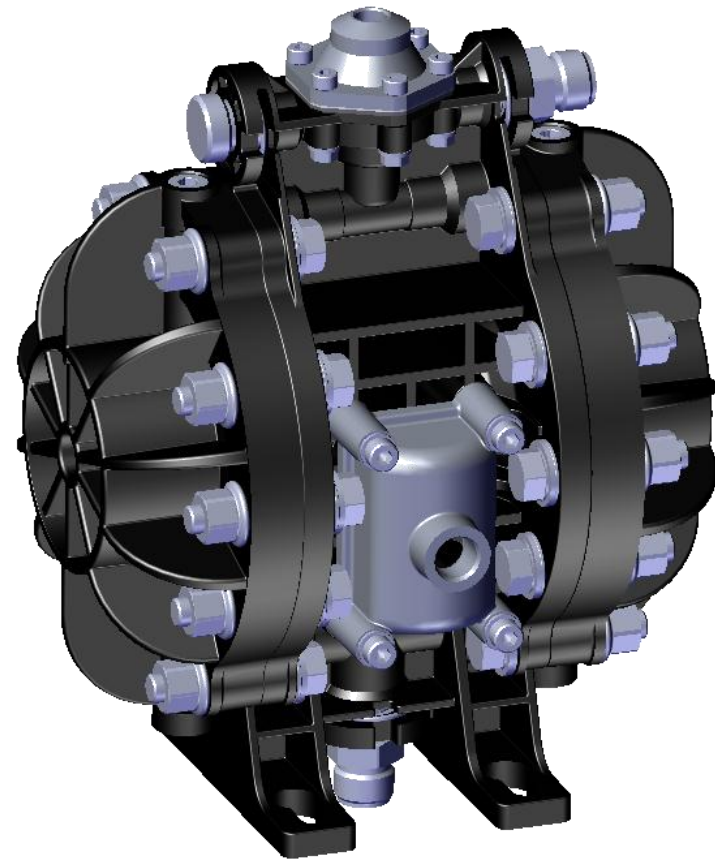


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DX70 PUMP SPECIFICATION (BARE PUMP)

Pump Ratio	1 to 1
Max. Air Pressure	7 Bar / 100 PSI
Max. Fluid Pressure	7 Bar / 100 PSI
Nominal Flow Volume / Cycle	0.07 Litres (0.018 US Gall)
Fluid Output @ 60 cycles/min	4.2 Litres / min (1.1 US Gall / 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	6.6m (21.8 feet)
Air Inlet	G1/4" (BSPP) Female
Fluid Regulator Pilot	Ø4 Tube
Air Volume / cycle @ 6.9Bar/100psi	0.77L (0.027SCFM)
Air Flow @ 10 cycles/min 6.9 bar/100psi	7.7L/min (0.27SCFM/min)
Air Flow @ 30 cycles/min 6.9 bar/100psi	23.2L/min (0.82SCFM/min)
Air Quality ISO 8573.1 Class 3.3.2 #	Dirt 5 microns
	Water -20°C@7bar (940ppm)
	Oil 0.1mg/m ³
	Non Lubricated
Noise Level	68db LAeq
Earth (Air Inlet Cover)	<1Ω
Weight – Bare Pump	2.2 Kg (4.9 lbs)



BINKS DX 70



Cart mounted outfits use the existing MX trolley

Basic Outfits – with or without Air Regulators, fluid filter and dump valve facility.

25 L Pail Mounted outfit

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- Agitator option 41-3312-S with 305mm shaft
- DXA-AF Air supply hose assembly for use with 41-3312-S agitator

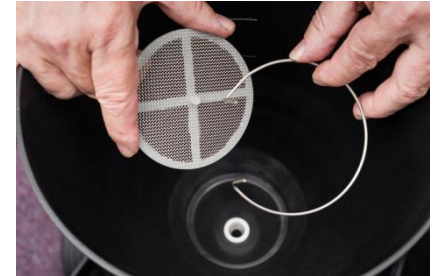
25 L Pail not included with packages.

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Gravity Hopper Paint Feed

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Gravity feed is available on Cart, Wall & Tripod mountings.

“Ready to Spray” Outfits with DeVilbiss Spray Guns, Fluid filter and 7.5M air & fluid hoses (Pails not inc).

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DX70 Ready assembled spray gun outfits. Part no's:

DX70R3-TF-FLG5 Tripod mounted pump outfit with FLG5 gun

DX70R3-CF-FLG5 Cart mounted pump outfit with FLG5 gun

DX70R3-TF-ADV Tripod mounted pump outfit with Advance gun

DX70R3-CF-ADV Cart mounted pump outfit with Advance gun

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BINKS DX SERIES 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. This does not include normal wear and tear parts.



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

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Diaphragm Pumps



DX70R-FF3



DX70R3-CFG



DX70R3-TF



DX70R3-WFG



DX70R3-PFA

DX70 Air Operated 1:1 Ratio Diaphragm Pumps

Part no.	Description	Price
DX70R-FF	Bare DX70 standard pump with fluid regulator	550,00 €
DX70N-FF	Bare DX70 pump no fluid regulator	530,00 €

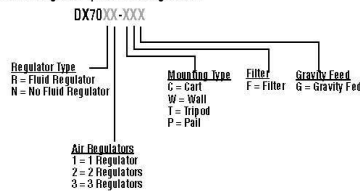
Part no.	Description	Price
DX70R3-CF	Cart mounted standard pump with fluid regulator	1.370,00 €
DX70N2-CF	Cart mounted pump no fluid regulator	1.295,00 €
DX70R3-CFG	Cart mounted standard pump with fluid regulator and 6L gravity hopper	1.615,00 €
DX70N2-CFG	Cart mounted pump no fluid regulator with 6L gravity hopper	1.540,00 €

Part no.	Description	Price
DX70R3-TF	Tripod mounted standard pump with fluid regulator	1.165,00 €
DX70N2-TF	Tripod mounted pump no fluid regulator	1.090,00 €
DX70R3-TFG	Tripod mounted standard pump with fluid regulator and 6L gravity hopper	1.410,00 €
DX70N2-TFG	Tripod mounted pump no fluid regulator with 6L gravity hopper	1.335,00 €

Part no.	Description	Price
DX70R3-WF	Wall mounted standard pump with fluid regulator	1.125,00 €
DX70N2-WF	Wall mounted pump no fluid regulator	1.050,00 €
DX70R3-WFG	Wall mounted standard pump with fluid regulator and 6L gravity hopper	1.370,00 €
DX70N2-WFG	Wall mounted pump no fluid regulator with 6L gravity hopper	1.295,00 €

Part no.	Description	Price
DX70R3-PF	25 litre pail mounted standard pump with fluid regulator	1.100,00 €
DX70N2-PF	25 litre pail mounted pump no fluid regulator	1.045,00 €
DX70R3-PFA	25 litre pail mounted standard pump with fluid regulator and agitator	1.915,00 €

Outfit Ordering Example Excluding Guns:



Tanks & Pumps

Diaphragm Pumps



DX70R3-TF-FLG5



DX70R3-TF-ADV



DX70R3-CF-FLG5



DX70R3-CF-ADV



DX70N-FF2*

Tanks & Pumps

DX70 Spray Outfits with Guns

Part no.	Description	Price
DX70R3-TF-FLG5	Tripod-mounted pump outfit with FLG5 Trans-Tech spray gun (1.4mm tip with 622 air cap)	1.280,00 €

Part no.	Description	Price
DX70R3-TF-ADV	Tripod-mounted pump outfit with Advance HD Trans-Tech spray gun (1.4mm tip with 510 air cap)	1.540,00 €

Part no.	Description	Price
DX70R3-CF-FLG5	Cart-mounted pump outfit with FLG5 Trans-Tech spray gun (1.4mm tip with 622 air cap)	1.460,00 €

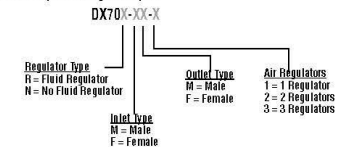
Part no.	Description	Price
DX70R3-CF-ADV	Cart-mounted pump outfit with Advance HD Trans-Tech spray gun (1.4mm tip with 510 air cap)	1.725,00 €

The DX70 spray outfits are available with either Advance HD or FLG5 Trans-Tech® or Conventional spray guns. Outfits are delivered with 7.5 metres of air and fluid hoses and are ready to spray apart from connecting the guns and hoses as necessary.

DX70 Accessories & Spares Kits

Part no.	Description	Price
DXK-2	Check valve spares kit	70,00 €
DXK-3	Diaphragm spares kit	145,00 €
DXK-4	Shaft & Seal spares kit	55,00 €
DXK-14	Air valve spares kit	85,00 €
DXK-15	Fluid regulator spares kit	45,00 €
41-3312-S	Agitator - 305mm shaft	656,00 €
DXA-AF	Air supply hose assembly for use with 41-3312-S agitator	59,00 €
DXA-RP	Fluid regulator full pressure flush valve assembly	135,00 €

Bare Pump Ordering Example:

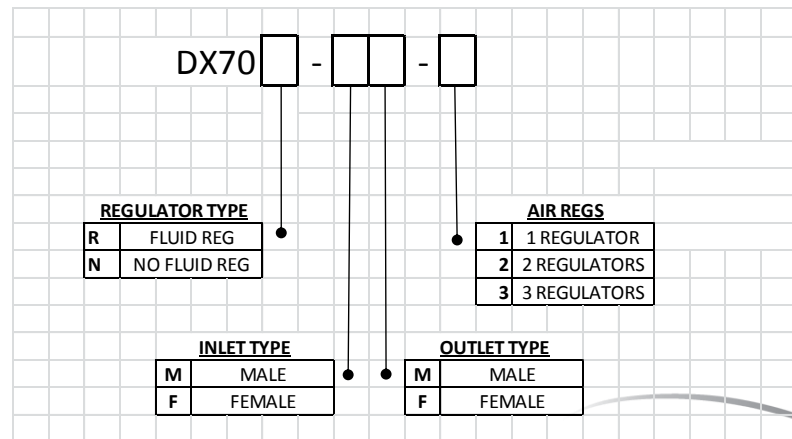


*The standard pump without fluid regulator can also be used on ceramic glaze applications.

DX70 Bare pump part numbers

Binks DX Bare Pumps Part Numbers & Contents

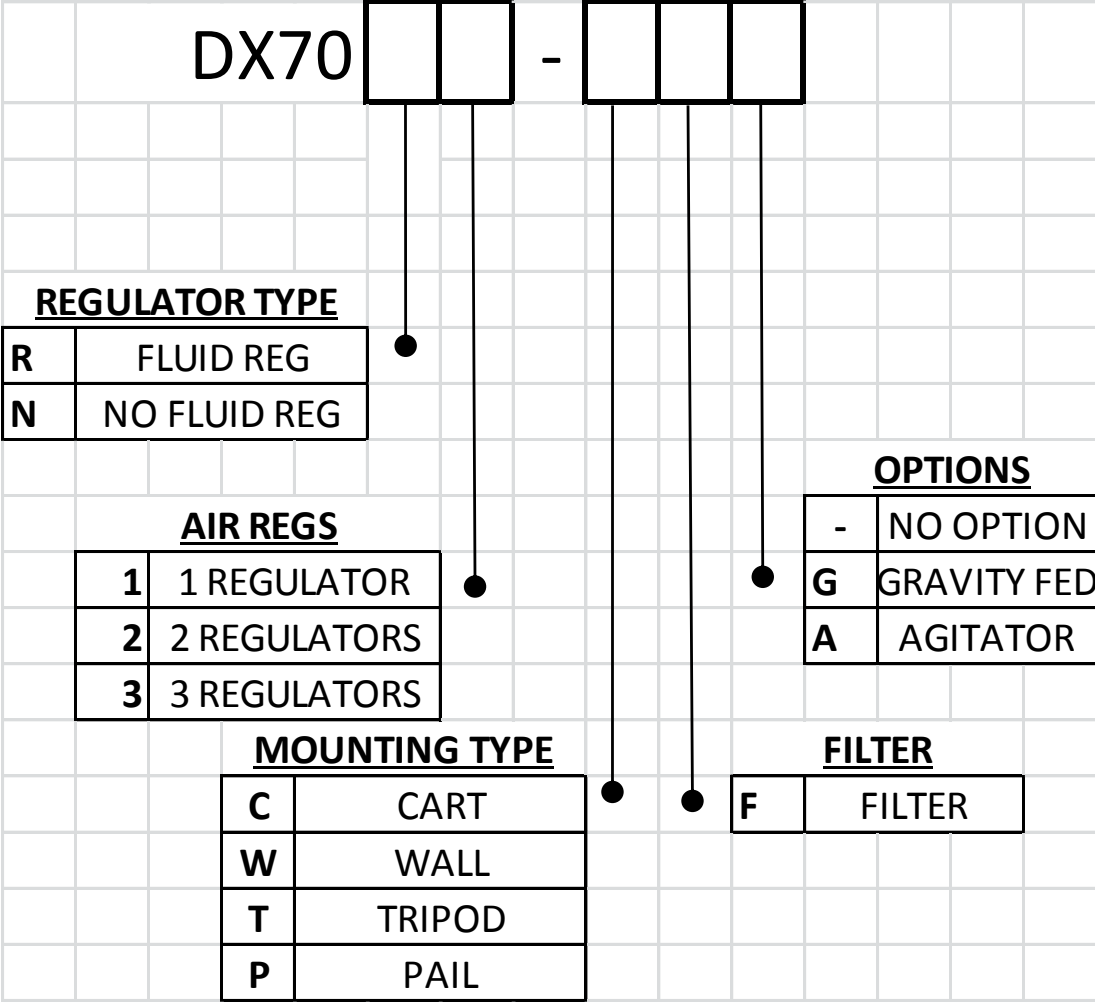
	DX70R-MM3	DX70R-MF3	DX70R-FM3	DX70R-FF3	DX70N-MM2	DX70N-MF2	DX70N-FM2	DX70N-FF2	DX70N-MM1	DX70N-MF1	DX70N-FM1	DX70N-FF1	DX70R-MM	DX70R-MF	DX70R-FM	DX70R-FF	DX70N-MM	DX70N-MF	DX70N-FM	DX70N-FF
DX70 BARE PUMP REGULATED M/M	•												•							
DX70 BARE PUMP REGULATED M/F		•												•						
DX70 BARE PUMP REGULATED F/M			•												•					
DX70 BARE PUMP REGULATED F/F				•												•				
DX70 BARE PUMP NO REG M/M					•				•								•			
DX70 BARE PUMP NO REG M/F						•				•								•		
DX70 BARE PUMP NO EG F/M							•				•								•	
DX70 BARE PUMP NO REG F/F								•				•								•
AIR CONTROLS - 3 REGULATORS	•	•	•	•																
AIR CONTROLS - 2 REGULATORS					•	•	•	•												
AIR CONTROLS - 1 REGULATORS									•	•	•	•								



DX70 Outfits

Binks DX Pump outfit Contents and Part Numbers	DX70R3-C	DX70R3-CF	DX70N2-C	DX70N2-CF	DX70N1-C	DX70N1-CF	DX70R3-W	DX70R3-WF	DX70N2-W	DX70N2-WF	DX70N1-W	DX70N1-WF	DX70R3-T	DX70R3-TF	DX70N2-T	DX70N2-TF	DX70N1-T	DX70N1-TF	DX70R3-P	DX70R3-PF	DX70N2-P	DX70N2-PF	DX70N1-P	DX70N1-PF	DX70R3-PA	DX70R3-PFA	DX70N2-PA	DX70N2-PFA	DX70R3-CG	DX70R3-CFG	DX70N2-CG	DX70N2-CFG	DX70N1-CG	DX70N1-CFG	DX70R3-WG	DX70R3-WFG	DX70N2-WG	DX70N2-WFG	DX70N1-WG	DX70N1-WFG	DX70R3-TG	DX70R3-TFG	DX70N2-TG	DX70N2-TFG	DX70N1-TG	DX70N1-TFG					
DX70 BARE PUMP	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
FLUID REGULATOR	•	•					•	•					•	•					•	•																															
FILTER ASSEMBLY		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•		•	
SUCTION HOSE ASSEMBLY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
AIR CONTROLS - 3 REGULATORS	•	•					•	•					•	•					•	•																															
AIR CONTROLS - 2 REGULATORS			•	•					•	•					•	•					•	•						•	•																						
AIR CONTROLS - 1 REGULATORS					•	•					•	•					•	•					•	•																											
PAIL MOUNTED																			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
TRIPOD MOUNTED													•	•	•	•	•	•																																	
CART MOUNTED	•	•	•	•	•	•																																													
WALL MOUNTED							•	•	•	•	•	•																																							
GRAVITY FEED																																																			
AGITATOR																																																			
	CART MOUNTED						WALL MOUNTED						TRIPOD MOUNTED						PAIL MOUNTED						GRAVITY CART MOUNTED						GRAVITY WALL MOUNTED						GRAVITY TRIPOD MOUNTED														

Outfit part number explained:-



DX70 has 5 key spares kits – These have been carefully constructed to be competitively priced with similar components to our competition.

Spare Part Kits List Prices 2013

DXK-2	Check valve kit
DXK-3	Diaphragm kit
DXK-4	Shaft & Seal kit
DXK-14	Air Valve kit
DXK-15	Fluid Regulator kit

Binks DX/70 four page sales literature is available in multi-languages produced on the new Global literature template.

BINKS DX SERIES

Air Operated 1:1 Ratio Diaphragm Pumps

DX70 is the perfect solution for one or two spray gun applications with faster colour changes and quick refills for less production downtime.



Acetal pump body with st. st. balls and soft seats
for universal paint compatibility including ceramic glaze coatings

The unique diaphragm design and "built in" fluid regulator
provide consistent pressure and readily adjustable paint flow

The Non-stall air valve
provides smooth, quiet and surge free paint delivery up to 1000 cc/ minute

Clearly labelled Air regulators
provide independent control of pump and spray gun fluid and air pressures

Quick release air, fluid inlet and outlet connections
for faster maintenance

Re-circulation/dump valve
accessory for faster colour changes reducing down time, saving time and money

Pump outfit mountings
include Cart, Wall, 25L Pail & Tripod outfits with or without spray guns & hoses

Outfits with Fluid filter
are available for finer paint finishes

Binks DX70 is the low cost solution compared to pressure tanks with no expensive annual pressure test certification regulations.



The DX70 is a high specification, air powered 1:1 ratio double diaphragm pump specifically developed for the direct supply of paints and materials to spray guns. The pump features a unique diaphragm no-crease shape for a long and durable working life. DX70 also includes a "built-in" fluid regulator which ensures a constant and virtually pulse free fluid delivery, for direct feed to spray guns without the expense and complications of an additional fluid regulator or surge chamber.

The DX70 range features bare pumps, assembled pump packages and complete "ready to spray" outfits matched with our World renowned DeVilbiss spray guns. DX70 is perfect for use with ALL TYPES of spray gun technologies including, Conventional, Compliant Trans-Tech®, HVLV, LVLV and low pressure Electrostatic guns.

APPLICATIONS

- Woodworking and Joinery
- Aerospace Industry
- Agricultural and Off Road
- Potteries and Ceramic Glaze*
- Trade Coaters and Jobbers
- Marine Industry
- 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:

*The standard pump without fluid regulator can also be used on ceramic glaze applications.



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BINKS DX SERIES Air Operated 1:1 Ratio Diaphragm Pumps

DX70 Diaphragm Pump Packages

The Binks DX70 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 and automotive paints and coatings. The high quality construction of the pump ensures it can be used with virtually all solvent and water borne spray materials and there is a version specifically developed for use on Ceramic Glaze based materials.



DX70R3-CF Cart mounted pump outfit with filter and three air controls.



DX70R3-CF6 Cart mounted pump with 6L gravity bucket feed, filter and three air controls.

Outfits include clearly identified air regulators which can independently control the pump, spray gun and fluid delivery pressures. The pump outfits are fitted with a flexible suction wand or rigid suction tube with paint filter.

A stainless steel outlet fluid filter is available for finer paint finishes in mesh size 60 and 100* (*standard). There is also an optional stainless steel pressure bypass dump valve assembly for faster colour changes and reducing down time.

DX70 provides fast fluid delivery of up to 1000cc per minute and is self priming.



DX70R2-T Tripod mounted pump outfit with three air controls.



DX70R2-WF Wall mounted pump with paint filter and three air controls (25L Pail not included).



The standard pump without fluid regulator can also be used on ceramic glaze applications.



DX70R3-PFA Pail mounted pump with agitator, filter and three air controls (25L Pail not included).





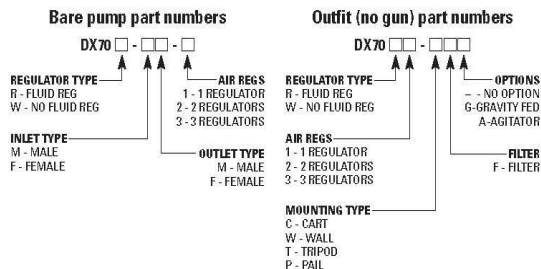
All DX pumps are covered by our extended five year "workmanship and materials" warranty.



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



Fast maintenance - Non-stiff air valve for smooth, quiet and consistent operation.



DX70 BARE PUMPS CONTENTS AND PART NUMBERS	DX70R-MMB3	DX70R-MFB	DX70R-HA3	DX70R-FE3	DX70R-AM2	DX70R-AP2	DX70R-FM2	DX70R-AMH	DX70R-FMH	DX70R-FAT	DX70R-FT	DX70R-AM	DX70R-FM	DX70R-AMM	DX70R-FMM	DX70R-AMF	DX70R-FMF
DX70 Bare Pump Regulated M/M		•															
DX70 Bare Pump Regulated M/F			•														
DX70 Bare Pump Regulated F/M				•													
DX70 Bare Pump Regulated F/F					•												
DX70 Bare Pump No Reg M/M						•											
DX70 Bare Pump No Reg M/F							•										
DX70 Bare Pump No Reg F/M								•									
DX70 Bare Pump No Reg F/F									•								
Air Controls - 3 Regulators		•															
Air Controls - 2 Regulators			•														
Air Controls - 1 Regulators				•													

DX70 PUMP OUTFIT CONTENTS AND PART NUMBERS	DX70R-CF	DX70R-FL	DX70R-AM	DX70R-FM	DX70R-AMH	DX70R-FMH	DX70R-AMM	DX70R-FMM	DX70R-AMF	DX70R-FMF	DX70R-AMM	DX70R-FMM	DX70R-AMF	DX70R-FMF
DX70 Bare Pump	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fluid Regulator	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Filter Assembly	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Suction Hose Assembly	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Air Controls - 3 Regulators	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Air Controls - 2 Regulators	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Air Controls - 1 Regulator	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pail Mounted	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tripod Mounted	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cart Mounted	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Wall Mounted	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gravity Feed	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Agitator	•	•	•	•	•	•	•	•	•	•	•	•	•	•



1. Stainless Steel fluid filter with mesh sizes 60 and 100* (*100 mesh supplied as standard).
2. CE & ATEX approved with Earthing/grounding cable as standard.
3. All suction pick up tubes include stainless steel strainers.
4. Optional re-circulation dump valve assembly.
5. Unique quick release air, fluid inlet and outlet connections for easy, faster servicing.
6. Gravity feed outfits include strainer inside the bucket.



BINKS DX SERIES Air Operated 1:1 Ratio Diaphragm Pumps



Scan QR Code for more product information.

DX70 Ready Assembled Spray Outfits including Spray Guns

The DX70 spray outfits are available with either Advance HD or FLG 5 Trans-Tech® or Conventional spray guns. Outfits are delivered with 7.5 metres of air and fluid hoses and are ready to spray apart from connecting the guns and hoses as necessary.



DX70 Ready assembled spray gun outfits. Part no's:

- DX70R3-TF-FLG5 Tripod mounted pump outfit with FLG5 gun
- DX70R3-CF-FLG5 Cart mounted pump outfit with FLG5 gun
- DX70R3-TF-ADV Tripod mounted pump outfit with Advance gun
- DX70R3-CF-ADV Cart mounted pump outfit with Advance gun

Spray gun outfits include three air controls, 7.5M air and fluid hoses and fluid filter assembly with Advance HD Spray Gun Trans-Tech® (1.4mm tip with 510 air cap) OR FLG5 Spray Gun Trans-Tech® (1.4mm tip with 622 air cap).



DEVILBISS



DXA-RP Fluid regulator full pressure flush valve assembly.

DX70 PUMP SPECIFICATION (BARE PUMP)	
Pump Ratio	1 to 1
Max. Air Pressure	7.5 Bar / 100 PSI
Max. Fluid Pressure	7.5 Bar / 100 PSI
Nominal Flow Volume / Cycle	0.07 Litres (0.018 US Gall)
Fluid Output @ 60 cycles/min	4.2 Litres / min (1.1 US Gall / min)
Max Recommended Continuous Cycle Rate	10 Cycles / min
Max Recommended Intermittent Cycle Rate	30 Cycles / min
Inlet Fluid Connection	3/8" Universal (BSPP/N FSI) Male or Female
Outlet Fluid Connection	3/8" Universal (BSPP/N FSI) Male or Female
Maximum Dry/Wet Lift	6.8m (22.5 feet)
Air Inlet	61/4" (BSPP) Female
Fluid Regulator Pilot	Ø4 Tube
Air Volume / cycle @ 6.98bar/100psi	0.7L (0.027SCFM)
Air Flow @ 15 cycles/min 6.9 bar/100psi	7.7L/min (0.27SCFM/min)
Air Flow @ 30 cycles/min 6.9 bar/100psi	23.2L/min (0.82SCFM/min)
Air Quality ISO 8573.1 Class 3.2 #	Dry 5 microns Water - 20°C @ 7bar (940ppm)
	Non Lubricated
Noise Level	68db LAeq
Earth (Air Inlet Cover)	<1Ω
Weight - Bare Pump	2.2 Kg (4.9 lbs)



BINKS DX SERIES 5-YEAR WARRANTY

Binks® warrants to the original end-user 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.

Does not include normal wear and tear parts.

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

Sales and Service through our Global Network of Industrial Distributors

Binks International Offices

- Americas: USA ▪ Mexico ▪ Brazil
- Europe/Asia/Africa: United Kingdom ▪ France ▪ Germany
- Pacific Rim: China ▪ Japan ▪ Australia



www.finishingbrands.eu

email: marketing@finishingbrands.eu



DX70 70CC/cycle		Mounting Type		List price € 2013	List price GBP 2013	Graco Part No. Husky 205 46cc/cycle	Graco List 2013 €	Graco Part No. TRITON 308 160cc/cycle	Graco List 2013 €	Wagner Part No. ZIP 52 108cc/cycle	Wagner List 2013 €
Bare Pump	DX70N2-TF	DX70 UNREGULATED TRIPOD MOUNT	unregulated	530.0 €	£425.0	D11021+208536+16997 0	364.00 €	233500	855.00 €	U552.GTSS7	530.00 €
Bare Pump	DX70R3-TF	DX70 REGULATED TRIPOD MOUNT	regulated	550.0 €	£440.0						
Cart Mount	DX70N1-TFG	DX70 UNREGULATED TRIPOD MOUNT	unregulated	1,295.0 €	£1,035.0						
Cart Mount	DX70N1-TG	DX70 UNREGULATED TRIPOD MOUNT	unregulated	1,540.0 €	£1,235.0						
Cart Mount	DX70N-MF-1	DX70 UNREGULATED PUMP, 1 REG	regulated	1,370.0 €	£1,100.0			233480	1,340.00 €	U773.00	1,162.00 €
Cart Mount	DX70N-MF-2	DX70 UNREGULATED PUMP, 2 REG	regulated	1,615.0 €	£1,295.0						
Pail Mount	DX70N1-WFG	DX70 UNREGULATED WALL MOUNT	unregulated	1,045.0 €	£985.0						
Pail Mount	DX70N-MM-2	DX70 UNREGULATED PUMP, 2 REG	regulated	1,100.0 €	£880.0			233466	1,340.00 €		
Pail Mount	DX70R3-PFA	DX70 REGULATED PAIL MOUNT AGITATOR	regulated	1,915.0 €	£1,535.0						
Tripod Mount	DX70N2-C	DX70 UNREGULATED CART MOUNT	unregulated	1,090.0 €	£875.0						
Tripod Mount	DX70N2-CF	DX70 UNREGULATED CART MOUNT	unregulated	1,335.0 €	£1,070.0						
Tripod Mount	DX70R3-C	DX70 REGULATED CART MOUNT	regulated	1,165.0 €	£935.0			233473	1,270.00 €	+T760.00S	1,206.00 €
Tripod Mount	DX70R3-CF	DX70 REGULATED CART MOUNT	regulated	1,410.0 €	£1,130.0						
Wall Mount	DX70N2-P	DX70 UNREGULATED PAIL MOUNT	unregulated	1,050.0 €	£840.0						
Wall Mount	DX70N2-PF	DX70 UNREGULATED PAIL MOUNT	unregulated	1,295.0 €	£1,035.0						
Wall Mount	DX70R3-P	DX70 REGULATED PAIL MOUNT	regulated	1,125.0 €	£900.0			233487	1,210.00 €	+T760.00M	1,141.00 €
Wall Mount	DX70R3-PF	DX70 REGULATED PAIL MOUNT	regulated	1,370.0 €	£1,095.0						
		Outfit with Guns List Prices 2013									
						DVP	DVP Price	Triton	List Price	Zip52	List Price
Cart Mount	DX70R3-CF-FLG5	DX70 REGULATED CART MOUNT FILTER FLG GUN	regulated	1,460.0 €	£1,170.0	DVP-C-FLG5	1,714.00 €			U760.00S/5	1,170.00 €
Tripod Mount	DX70R3-TF-FLG5	DX70 REGULATED TRIPOD MOUNT FILTER FLG GUN	regulated	1,280.0 €	£1,025.0	DVP-T-FLG5	1,522.00 €				
Cart Mount	DX70R3-CF-ADV	DX70 REGULATED CART MOUNT FILTER ADV GUN	regulated	1,725.0 €	£1,385.0	DVPAN-C-ADV	1,877.00 €	233484.00	1,910.00 €		
Tripod Mount	DX70R3-TF-ADV	DX70 REGULATED TRIPOD MOUNT FILTER ADV GUN	regulated	1,540.0 €	£1,235.0	DVPAN-T-ADV	1,669.00 €	233477.00	1,860.00 €		

Finex™ Air Spray Package

Affordable Spray Package for High Quality Finishing

GRACO



← No Fluid Filter!

GRACO HUSKY ¼" AODD pump

Maximum fluid working pressure . . . 100 psi (0.7 MPa, 7 bar)
 Air pressure operating range 20 to 100 psi
 (0.14 to 0.7 MPa, 1.4 to 7 bar)
 Maximum air consumption 5.5 SCFM (see chart)
 Maximum free flow delivery 6.5 gpm (24.6 l/min)
 Maximum pump speed 330 cpm
 Maximum suction lift 7 ft (2.1 m) dry; 12 ft (3.7 m) wet
 Maximum size pumpable solids 1/16 in. (1.6 mm)
 Operating temperature range . 40 to 150 F (4.4 to 65.5 C)
 Air inlet size 1/4 npt(f)
 Fluid inlet and outlet size 3/8 npt(f)
 Wetted parts Vary by model. Acetal models include
 acetal with conductive sst fibers. Non-wetted external parts
 acetal, polyester (labels), glass-filled polypropylene with
 conductive SST fibers, 303, 304 and 316 stainless steel
 Weight . . *Acetal Pumps:* 5.25 lb (2.4 kg)
 Polypropylene Pumps: 4.75 lb (2.2 kg)

Technical Specifications

Maximum fluid working pressure 100 psi (7 bar, 0.7 MPa)
 Maximum incoming air pressure 100 psi (7 bar, 0.7 MPa)
 Maximum HVLV gun inbound air pressure* . . 24 psi (1.7 bar, 0.17 MPa)
*produces 10 psi (0.7 bar, 0.07 MPa) spraying pressure at aircap
 Operating temperature range 40-109°F (4.4-43°C)
 Package weight 19.8 lb (9 kg)

Air consumption	Conventional	HVLV
Husky:	1.5 scfm	Husky: 1.5 scfm
Finex:	11.0 scfm	Finex: 13.0 scfm
Total:	12.5 scfm	Total: 14.5 scfm

Wetted parts

Pump Acetal, PTFE, SST
 Gun Aluminum, SST, engineered plastic
 Other Nylon

Instruction Manuals

Finex Air Spray Package 312473
 Finex Air Spray Gun 312398
 Husky 307 AODD Pumps 308553
 Fluid Pressure Regulators 308325



Graco Triton Specification

Maximum fluid working pressure.	100 psi (0.7 MPa, 7 bar)
Maximum air input pressure	100 psi (0.7 MPa, 7 bar)
Maximum fluid flow	(pump at 212 cpm) 8.5 gpm (32 lpm)
Pump displacement	5 oz/cycle (160 cc/cycle)
Air inlet fitting.	1/4 npt(f)
Acetal fluid regulator outlet	3/8 npt(m)
St St fluid regulator outlet	3/8 npsm(m)
Pump inlet	3/4 npt(f)
Pump outlet	3/8 npt(f)
Fluid outlet fitting	3/8 npt(m)

Graco Mounting options – No Fluid Filter!

Product Information

Triton Spray Finishing Package Selection Guide

1. Select gun type
2. Select configuration
2. Select aluminum or stainless steel package
3. Select AirPro spray technology





← **No Fluid Filter!**

The PMP-150 Pratik diaphragm pump is a floor mounted version and is designed for applications requiring a 1 : 1 pressure ratio and can be used on some adhesive applications and harsh or high viscosity coatings.

KREMLIN PMP 150 DD Pump.

Pressure ratio	1/1	
Fluid volume per cycle (cm ³)	100	
Number of cycles per litre of products	10	
Air consumption (m ³ /h) at 30 cycles/mn at 4 bar		1.1
Fluid Output at 30 cycles/mn (l/mn)	3 LPM	
Free flow rate (L/mn)	19	
Maximum air inlet pressure (bar)		6
Maximum fluid pressure (bar)		6
Maximum Fluid Temperature (°C)		50
Sound level (dBA)	<70	
Weight (kg) - bare pump	5	
Wetted parts	PTFE, Polypropylene, Stainless steel	
Height (cm) - wall-mounted	24	
Width (cm) - wall-mounted pump		36
Depth (cm) - wall-mounted pump		26

Zip 52 Finishing basic unit



Aluminium version	
cod. U760.00 weight 8.9 kg	cod. U760.00 + T760.00S weight 13.2 kg
Stainless steel version	
cod. U765.00 weight 11.1 kg	cod. U765.00 + T760.00S weight 15.4 kg
Conductive Plastic version	
cod. U770.00 weight 8.2 kg	cod. U770.00 + T760.00S weight 12.5 kg

Zip 52 Finishing on stand



Zip 52 Finishing on trolley



Aluminium version	
cod. U760.00 + T760.00SR weight 15.5 kg	cod. U760.00 + T760.00M weight 9.8 kg
Stainless steel version	
cod. U765.00 + T760.00SR weight 17.7 kg	cod. U765.00 + T760.00M weight 12.0 kg
Conductive Plastic version	
cod. U770.00 + T760.00SR weight 14.8 kg	cod. U770.00 + T760.00M weight 9.1 kg

Zip 52 Finishing on wall brackets



The basic unit includes: air pressure regulator and manometer for controlling the pump, the atomizing air and the "FFC" pressure; air interception cock; paint re-circulation kit; "FFC" device; flexible suction system with stainless steel pipe.

FINE FLOW CONTROLLER allows to obtain a regular and no-pulsating flow, ideal for maximum quality finishing and high precision applications.

Wagner Colora Zip 52 AODD pump

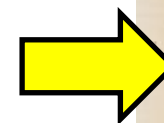
Technical data - Fine Flow Controller	
Wetted parts standard version	consistal, stainless steel, PTFE, PP
Wetted parts stainless steel version	stainless steel, PTFE, PP
Max. inlet fluid pressure	14 bar
Regulated pressure	from 0,5 to 5 bar
Material connection	2x1/4" gas F
Air connection	1/8"
Dimensions	d 90 mm - h 165 mm
Weight (stainless steel version)	Kg 1,5
Weight (consistal version)	Kg 0,850

GK

Pump - Technical data	
Pressure ratio	1:1
Max working fluid pressure	7,8 bar
Inlet air pressure	1-8 bar
Max flow rate (naked pump)	52 lpm
Noise level*	76 dB(A)
Max. operating temperature**	°C 85
Air connection	1/4" BSP

*L_{Aeq} - operating at 4,8 bar and 50 cycles/min
**Metallic pump with PTFE diaphragms and stainless steel valves

Zip outfits With filter regulator!



BINKS

DX 70

Binks World leaders in Paint Pump design



The End.