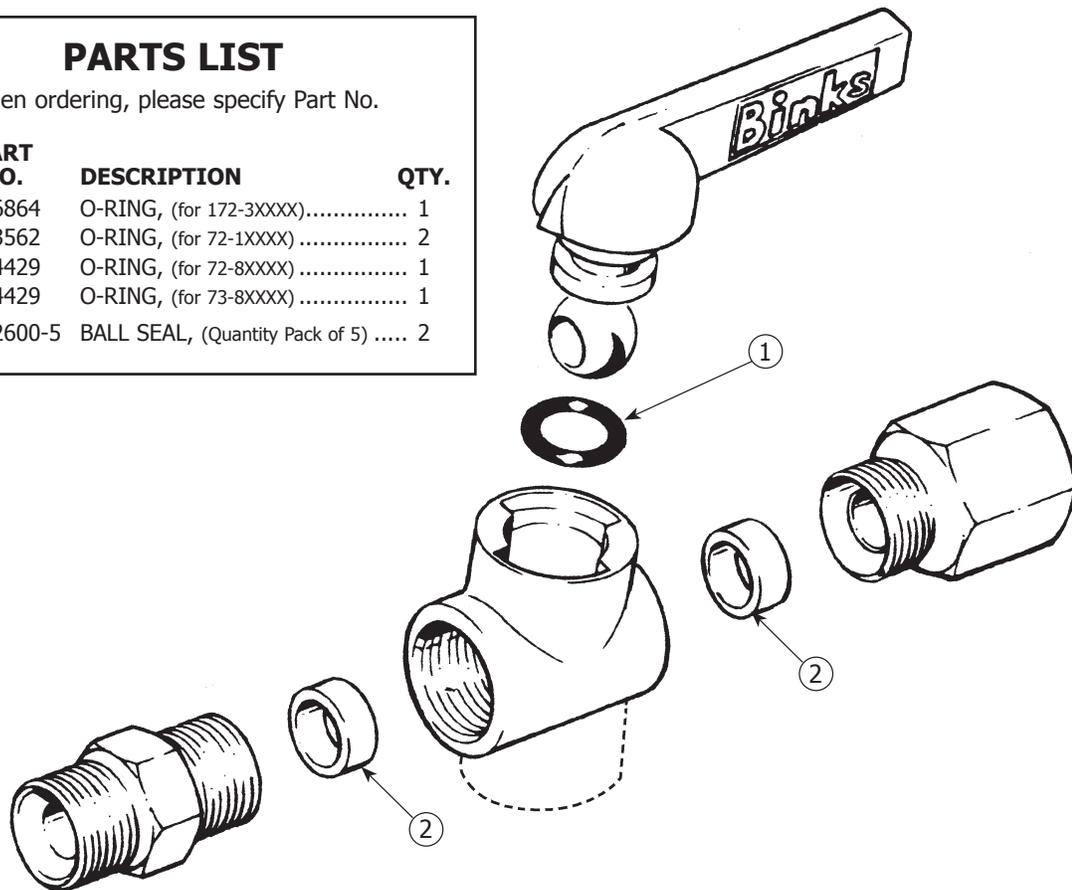


BINKS 2-WAY AND 3-WAY BALL VALVES



PARTS LIST			
When ordering, please specify Part No.			
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	20-6864	O-RING, (for 172-3XXXX).....	1
	20-3562	O-RING, (for 72-1XXXX).....	2
	20-4429	O-RING, (for 72-8XXXX).....	1
	20-4429	O-RING, (for 73-8XXXX).....	1
2	83-2600-5	BALL SEAL, (Quantity Pack of 5)	2



2-WAY • 250 PSI • DIE CAST (PLATED)

PART NO.	DESCRIPTION
72-83030	1/4 (m)* x 1/4 (m)*
72-84040	3/8 (m)* x 3/8 (m)*
72-81414	1/4 NPT (f) x 1/4 NPT (f)
72-84030	3/8 (m)* x 1/4 (m)*
72-81540	3/8 (f) NPT x 3/8 (m)*
72-83040	1/4 (m)* x 3/8 (m)*

3-WAY • 250 PSI • BRASS PLATED (1/4 NPT (F) INLETS)

PART NO.	DESCRIPTION
73-81414	1/4 NPT (f) x 1/4 NPT (f)
73-83030	1/4 (m)* x 1/4 (m)*
73-84040	3/8 (m)* x 3/8 (m)*

2-WAY • 4000 PSI • BRASS HIGH PRESSURE

PART NO.	DESCRIPTION
72-13030	1/4 (m)* x 1/4 (m)*
72-14040	3/8 (m)* x 3/8 (m)*
72-14030	3/8 (m)* x 1/4 (m)*

2-WAY • 4000 PSI • STAINLESS STEEL

PART NO.	DESCRIPTION
172-33535	1/4 (m)* x 1/4 (m)*
172-34545	3/8 (m)* x 3/8 (m)*
172-31414	1/4 NPT (f) x 1/4 NPT (f)

*All male threads (m) are universal—accepts either NPS (f) or NPT (f).

In this part sheet, the words **WARNING**, **CAUTION** and **NOTE** are used to emphasize important safety information as follows:

WARNING

Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.

CAUTION

Hazards or unsafe practices which could result in minor personal injury, product or property damage.

NOTE

Important installation, operation or maintenance information.

WARNING

Read the following warnings before using this equipment.



READ THE MANUAL

Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.



OPERATOR TRAINING

All personnel must be trained before operating finishing equipment.



EQUIPMENT MISUSE HAZARD

Equipment misuse can cause the equipment to rupture, malfunction, or start unexpectedly and result in serious injury.



LOCK OUT / TAG-OUT

Failure to de-energize, disconnect, lock out and tag-out all power sources before performing equipment maintenance could cause serious injury or death.



AUTOMATIC EQUIPMENT

Automatic equipment may start suddenly without warning.



PRESSURE RELIEF PROCEDURE

Always follow the pressure relief procedure in the equipment instruction manual.



KEEP EQUIPMENT GUARDS IN PLACE

Do not operate the equipment if the safety devices have been removed.



KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY



WEAR SAFETY GLASSES

Failure to wear safety glasses with side shields could result in serious eye injury or blindness.



INSPECT THE EQUIPMENT DAILY

Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.



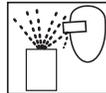
NEVER MODIFY THE EQUIPMENT

Do not modify the equipment unless the manufacturer provides written approval.



NOISE HAZARD

You may be injured by loud noise. Hearing protection may be required when using this equipment.



PROJECTILE HAZARD

You may be injured by venting liquids or gases that are released under pressure, or flying debris.



PINCH POINT HAZARD

Moving parts can crush and cut. Pinch points are basically any areas where there are moving parts.



STATIC CHARGE

Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and all other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.



WEAR RESPIRATOR

Toxic fumes can cause serious injury or death if inhaled. Wear a respirator as recommended by the fluid and solvent manufacturer's Safety Data Sheet.



TOXIC FLUID & FUMES

Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, injected or swallowed. LEARN and KNOW the specific hazards of the fluids you are using.



FIRE AND EXPLOSION HAZARD

Improper equipment grounding, poor ventilation, open flame or sparks can cause a hazardous condition and result in fire or explosion and serious injury.



MEDICAL ALERT

Any injury caused by high pressure liquid can be serious. If you are injured or even suspect an injury:

- Go to an emergency room immediately.
- Tell the doctor you suspect an injection injury.
- Show the doctor this medical information or the medical alert card provided with your airless spray equipment.
- Tell the doctor what kind of fluid you were spraying or dispensing.



GET IMMEDIATE MEDICAL ATTENTION

To prevent contact with the fluid, please note the following:

- Never point the gun/valve at anyone or any part of the body.
- Never put hand or fingers over the spray tip.
- Never attempt to stop or deflect fluid leaks with your hand, body, glove or rag.
- Always have the tip guard on the spray gun before spraying.
- Always ensure that the gun trigger safety operates before spraying.



CA PROP
65

PROP 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PROVIDE THIS INFORMATION TO THE OPERATOR OF THE EQUIPMENT. FOR FURTHER SAFETY INFORMATION REGARDING THIS EQUIPMENT, SEE THE GENERAL EQUIPMENT SAFETY BOOKLET (77-5300).

Binks reserves the right to modify equipment specification without prior notice.

Binks 2-WAY AND 3-WAY BALL VALVES

INSTALLATION

When installing the assembled valve in the line, care should be taken that torque be applied between the line of fitting and the adjacent valve fitting only. If either the valve body of the opposite valve fitting are clamped, there is a chance that either the threads will be distorted or the body deformed.

Either end can be used as inlet or outlet. With valve open and handle pointing in the line of flow, connect inlet fitting of valve to supply line by turning the fitting with wrench on hex flats. Hold outlet fitting with wrench on hex flats and connect outlet hose or pipe.

MAINTENANCE NOTES

Binks ball valves are produced in modular design with the seals and fittings assembled to the valve body at the factory.

1. Clamp one fitting on the flats of the hex in a vise and apply torque to the other fittings to loosen. Only one fitting will break free. Before removing the loose fitting, clamp the body loosely in the vise and loosen the second fitting. The body can be distorted if clamped too tightly or if clamped without a fitting to support it.
2. Examine the PTFE seal for cracks, pressure grooves or excess deformation. The PTFE seal should be deformed to fit the contour of the ball—if it no longer

has a shoulder above the retainer rings, the seal should be replaced. To remove the old seal, it is necessary to break the sides free from the retainer rings with a sharp, pointed instrument, or possibly to cut and pry it out. The new ring can easily be inserted.

3. To reassemble the body and fittings, both fittings should be snugged up by hand, then one fitting clamped in a vise on the flats of the hex and the second torqued tight. Care should be taken to avoid excessive force which might distort the threads.

CAUTION

Do not use Binks ball valves for throttling. This will cause premature wear and greatly limit the operating life of the valve.

WARRANTY POLICY

Binks products are covered by Finishing Brands one year materials and workmanship limited warranty. The use of any parts or accessories, from a source other than Finishing Brands, will void all warranties. For specific warranty information please contact the closest Finishing Brands location listed below.

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Binks is part of Finishing Brands, a global leader in innovative spray finishing technologies. For technical assistance or to locate an authorized distributor, contact one of our international sales and customer support locations below.

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www.binks.com
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Tel: 1-800-992-4657
Fax: 1-888-246-5732

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