

BINKS® 183GZ-5200 **2 GALLON HOSE/GUN CLEANER**

Clean equipment extremely efficiently with less solvent

Important: Read and follow all instructions and SAFETY PRECAUTIONS before using this equipment. Retain for future reference.



DESCRIPTION

Binks Hose/Gun Cleaner provides a means of cleaning the inside of material hose, fluid passageways of spray guns, and other paint equipment. It is designed to mix solvents and compressed air to pressure flush paint lines and passages quickly and thoroughly, eliminating color contamination and saving time. This results in clean and dry paint passageways using less than 25% of cleaning solvents required in wet flush systems.

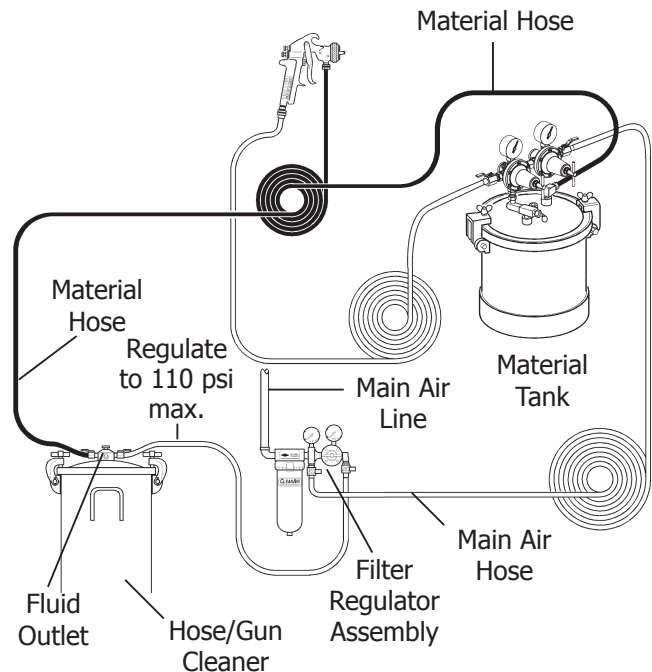
SPECIFICATIONS

Maximum Working Pressure	110 psi
Capacity	Up to 2.8 Gallons
Tank Shell	SA-414 Steel, Galvanized (Zinc)
Tank Lid	SA-414 Steel, Galvanized (Zinc)
Fluid Tube	3/8 in. Steel Pipe, Galvanized
Fluid Outlet	3/8 NPS(M) (Plated Brass)
Air Inlet	1/4 NPS(M)
Hose Cleaner Hub	Aluminum
Plugs	Steel, Zinc Plate

WETTED PARTS

Galvanized steel, aluminum, nickel plated brass, PTFE, Santoprene®, Sarlink®, and polyethylene.

Typical Installation



⚠ WARNING

High pressure can cause serious injury.
Follow the pressure-relief procedure on page 3 before opening the lid or performing maintenance on the tank.

⚠ WARNING

Static electricity produced when using this Hose/Gun Cleaner can cause serious injury.

To prevent sparks from static electricity, you must ground:

1. The Hose/Gun Cleaner
2. The gun or tool attached to the fluid hose
3. The equipment to be cleaned

To Ground equipment:

1. Use air hose containing static electricity grounding wire.
2. Attach one end of a ground wire to each item listed above.
3. Attach the other end of the wire to a water pipe, metal electrical conduit, or any pipe or structural member known to be grounded.

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.



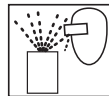
NEVER MODIFY THE EQUIPMENT

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 or 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.

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.

The following hazards may occur during the normal use of this equipment. Please read the following chart.

HAZARD	CAUSE	SAFEGUARDS
Fire 	Solvents and coatings can be highly flammable or combustible, especially when sprayed.	<ol style="list-style-type: none"> 1. Adequate exhaust must be provided to keep the air free of accumulations of flammable vapors. 2. Smoking must never be allowed in the spray area. 3. Fire extinguishing equipment must be present in the spray area.
Fire – Pressure tank 	Vapors from flammable liquids can catch fire or explode.	Keep tank at least 10 feet away from sources of ignition. Ignition sources include hot objects, mechanical sparks, and arcing (non -explosion proof) electrical equipment.
Explosion Hazard – Pressure Tank – Static Electricity 	Static electricity is created by the flow of fluid through the pressure tank and hose. If all parts are not properly grounded, sparking may occur. Sparks can ignite vapors from solvents and the fluid being sprayed.	<ol style="list-style-type: none"> 1. Ground the pressure tank by connecting one end of 12 gauge (minimum) ground wire to the pressure tank and the other end to a true earth ground. Local codes may have additional grounding requirements. 2. See illustration on page 4 for grounding and grounding hardware required.
Explosion Hazard – Pressure Tank – Rupture 	Making changes to a pressure tank will weaken it.	<ol style="list-style-type: none"> 1. Never drill into, weld, or modify the tank in any way. 2. Do not adjust, remove, or tamper with the safety valve. If replacement is necessary, use the same type and rating of valve.
Explosion Hazard – Galvanized Tanks – Material Compatibility 	Halogenated hydrocarbon solvents – for example 1-1-1 Trichloroethane and methylene chloride – can chemically react with aluminum parts and components and cause an explosion hazard. These solvents will also corrode the galvanized tank coating.	<ol style="list-style-type: none"> 1. Read the label or data sheet for the material. Do not use materials containing these solvents with galvanized pressure tanks. Stainless steel tank models may be used with halogenated solvents. 2. Refer to specifications chart to ensure that fluids are chemically compatible with the tank wetted parts. Before placing fluids or solvents in tank, always read accompanying manufacturer's literature.
General Safety	Improper operation or maintenance may create a hazard.	Operators should be given adequate training in the safe use and maintenance of the equipment (in accordance with the requirements of NFPA-33, Chapter 15 in U.S.) Users must comply with all local and national codes governing ventilation, fire precautions, operation, maintenance, and housekeeping (in the U.S., these are OSHA sections 1910.94 and 1910.107, and NFPA-33.

⚠ WARNING	<p>High pressure can cause serious injury.</p> <p>Pressure is maintained in a pressure tank after the system has been shut down.</p> <p>Always follow this procedure to relieve pressure from the tank.</p>	<p>PRESSURE RELIEF PROCEDURE</p> <p>To reduce the risk of injury, follow the pressure relief procedure below</p> <ul style="list-style-type: none"> • Before checking or servicing any part of the spray system • Before attempting removal of fill port cap or tank cover • Whenever the tank is left unattended <ol style="list-style-type: none"> 1. Turn off the main air supply to the tank. 2. Close the air inlet valve located on the tank air manifold. 3. Bleed off air in the tank by turning the air relief valve (5) thumb screw counterclockwise. Wait until all the air has escaped through the valve before removing the pressure tank cover or fill port cap. 4. Leave the air relief valve open until you have reinstalled the tank cover or fill port cap.
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BACK FLUSHING EXCESS MATERIAL

When spraying is complete, back flush remaining material in spray gun and hose as follows:

1. Turn off air to material tank and bleed air out of the material tank.
2. Loosen clamps on tank lid. Tip lid so material will run out of fluid tube into material tank.
3. Loosen air cap on gun 2 to 3 turns and hold rag over cap. Pull trigger and force material from gun and hose back into tank.

TO CLEAN HOSE AND GUN PASSAGES:

1. Fill Hose/Gun Cleaner with suitable cleaning solvent. Note: This model cannot be used with halogenated hydrocarbon solvents. Close lid on cleaner.
2. Connect air hose to 1/4 NPS(M) ball valve (4). Close ball valve. Regulate air pressure (must be remotely regulated) to a maximum of 110 PSI.
3. Disconnect material hose from material supply tank and connect to 3/8 NPS(M) ball valve (5).

4. Open both ball valves.
5. Turn metering valve on top of the Hose/Gun Cleaner to adjust the solvent-to-air ratio. Turn counterclockwise to increase solvent and clockwise to decrease solvent. Fully clockwise shuts off solvent completely. To begin, open counterclockwise 2 turns for sufficient solvent for cleaning.
6. Trigger gun into a properly grounded container. Continue spraying until solvent is clear with no traces of paint.
7. Turn metering valve full clockwise, shutting off solvent flow, while allowing air to continue to flow. Continue until all solvent is removed.
8. Turn off air at source. Trigger gun to remove residual air pressure. Close both ball valves.

PREVENTIVE MAINTENANCE

Check Lid Gasket (11) and Needle Valve Gasket (2) for signs of wear or damage. Replace as needed.

Lift ring on safety valve (6) once a week to unseat it and make sure that it is working properly. Safety valve should be kept clean and free of dirt and paint at all times.

ACCESSORIES

Air Supply Hose

71-20000 Air Hose – with static ground wire braid, 5/16” ID. Also need two re-useable 72-1317 connectors.

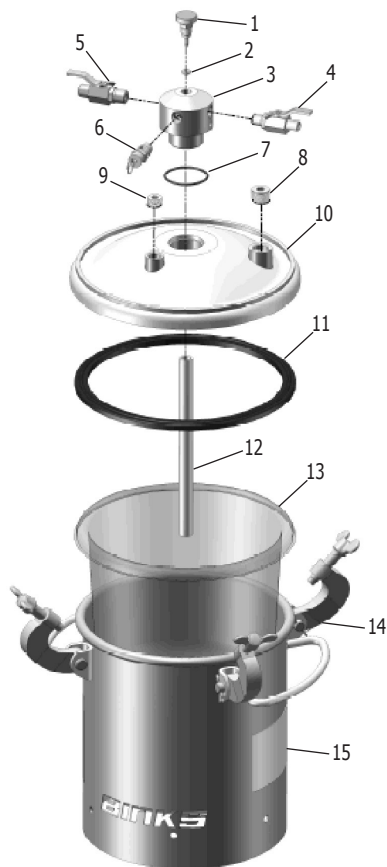
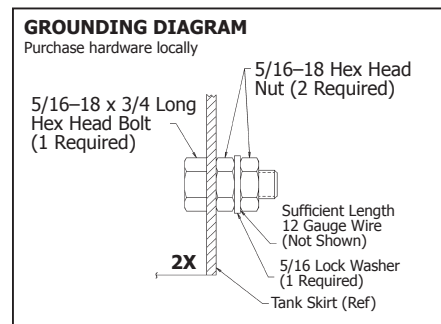
Or

71-2100 Air Hose – with static ground wire braid, 3/8” ID. Also need two re-useable 72-1325 connectors.

Or

Fluid Delivery Hose

71-282 Nylon lined fluid hose – 3/8” ID. Also need two re-useable 72-1328 connectors.



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	HD-409	NEEDLE VALVE ASSEMBLY	1
2	HD-39-K2	NEEDLE VALVE GASKET (KIT OF 2)	1
3	HD-430	HD SUB ASSEMBLY	1
4	VA-542	BALL VALVE (1/4 NPS)	1
5	VA-540	BALL VALVE (3/8 NPS)	1
6	TIA-5110	SAFETY VALVE ASSEMBLY	1
7	SSG-8184-K2	O-RING (KIT OF 2)	1
8	• ----	PLUG (1/2-14 NPT)	1
9	• ----	PLUG (3/8-18 NPT)	1
10	QMG-400	TANK LID	1
11	QMS-80-1	TANK GASKET	1
12	QMS-9-1	FLUID TUBE	1
13	PT-78-K10	TANK LINER (KIT OF 10)	1
14	KK-5013	CLAMP, PIN, & SCREW KIT	4
15	QMG-502-1	TANK & LUG ASSEMBLY	1

• Purchase locally

NOTES

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WARRANTY POLICY

This product is covered by Carlisle Fluid Technologies' materials and workmanship limited warranty. The use of any parts or accessories, from a source other than Carlisle Fluid Technologies, will void all warranties. Failure to reasonably follow any maintenance guidance provided may invalidate any warranty.

For specific warranty information please contact Carlisle Fluid Technologies.

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