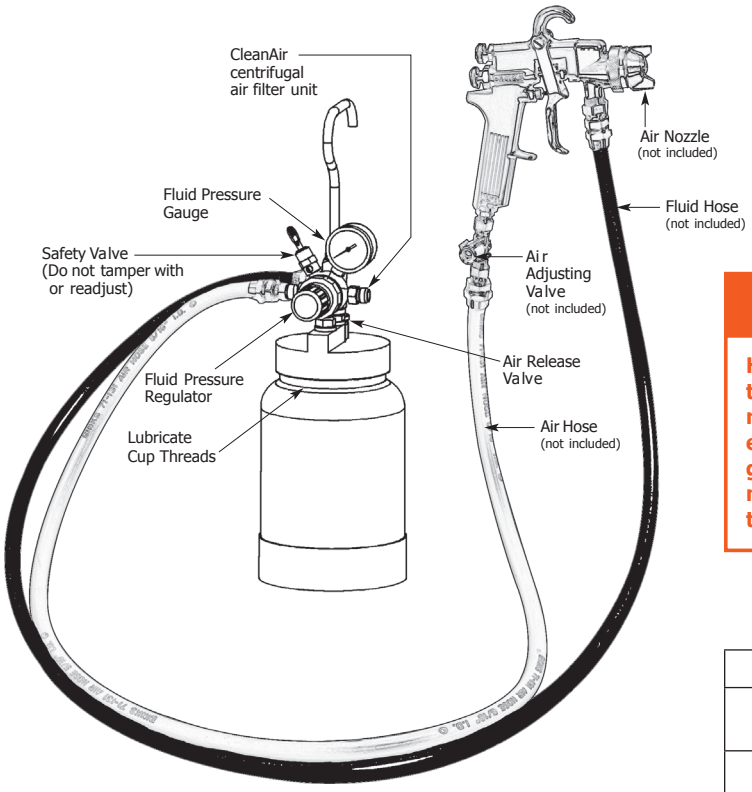
MODEL 80-295 (2 QT.) "STEADI-GRIP" PRESSURE CONTAINER



⚠ WARNING

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. Read the label or data sheet for the material. Do not use materials containing these solvents with these pressure containers.

NOTE

To loosen or tighten the cover from/to the cup, grasp the cover and the base separately and twist. Do not attempt to loosen or tighten the cover grasping the air regulator or outlet assembly.

SPECIFICATIONS

MAX. CUP PRESSURE	50 psig	3.5 bar
OVERALL HEIGHT WITH AUXILIARY HANDLE	16-15/16 in.	430 mm
OVERALL HEIGHT W/O AUXILIARY HANDLE	13 in.	330 mm
BASE DIAMETER	5-1/4 in.	133 mm
AIR INLET & OUTLET CONNECTION	1/4 NPS (m)	
FLUID INLET & OUTLET CONNECTION	3/8 NPS (m)	
FLUID CAPACITY	2 qts. (US)	1.9 ltr
WEIGHT	3 lb. 3 oz.	1.46 kg

OPERATION AND CLEANING

External Mix Air Nozzle Application

Operation:

1. Connect hose as shown in diagram on front page.
2. Fill cup with strained fluid mixed in accordance with manufacturer's recommendations on label of container.
3. Fasten cover securely.
4. Close air adjusting valve by turning clockwise.
5. Set air pressure at CleanAir filter unit to between 35 and 80 PSI, depending upon atomization desired.
6. Set regulator on pressure cup to approximately 10 PSI for enamels; 5 PSI for lacquers. (Turn knob clockwise to increase pressure; to reduce pressure, turn knob counter-clockwise. Always release air in cup by momentarily opening air release valve on cover when attempting to reduce pressure.)
7. Open air adjusting valve.
8. With trigger fully pulled back, make several fast spray strokes against a flat surface. After adjustment of pressure, proper atomization will be indicated by an even distribution of finely divided paint particles.

IMPORTANT

The most efficient atomization air pressure is the lowest air pressure that will properly atomize the paint. This will minimize the overspray, deposit more paint on the surface and eliminate paint waste.

If a faster coverage is necessary, first increase fluid pressure and then adjust atomization air pressure. If a slower coverage is more desirable, first reduce the fluid pressure and then adjust atomization air pressure. Always attempt to maintain the lowest pressures for maximum efficiency.

For ease of removing cup cover and to prevent leakage, always thoroughly grease the threads on the cup.

⚠ CAUTION

If the cup is accidentally tipped over or held at too great an angle, fluid will load up the underside of cup cover, and leak into regulator. In the event this happens, clean immediately!

(continued on page 3)

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.

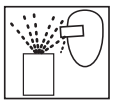
KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY

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 MODEL 80-295 (2 QT.) "STEADI-GRIP" PRESSURE CONTAINER

OPERATION AND CLEANING

Internal Mix Air Nozzle Application

Operation:

NOTE

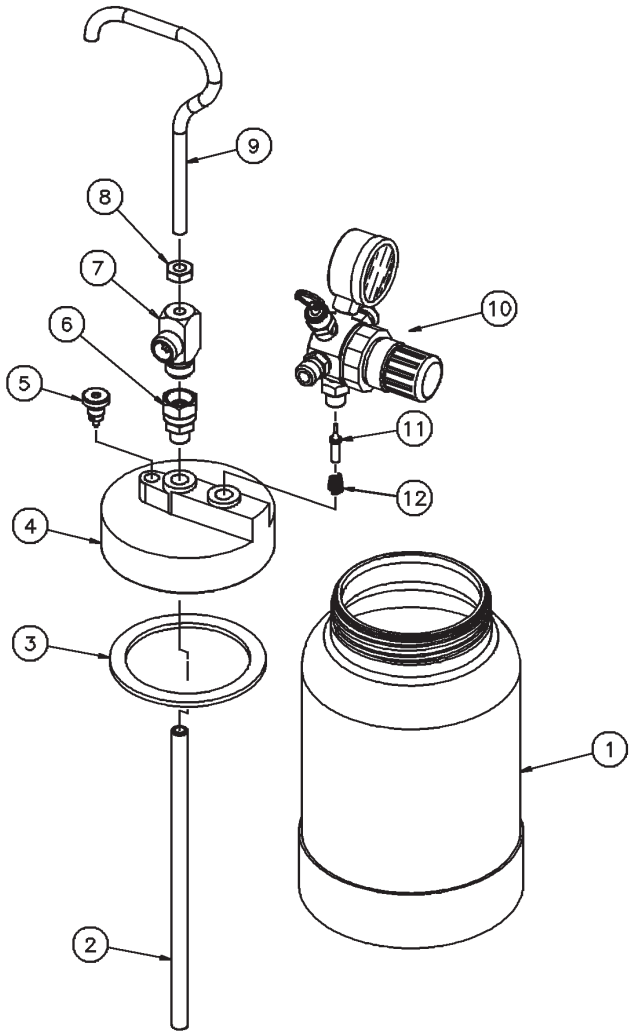
The steps are the same as with the external mix nozzles, except the air and fluid pressure settings are different.

The internal mix air nozzle accomplishes atomization by mixing the air and fluid within the air nozzle.

1. Close air adjusting valve by turning clockwise.
2. Set air pressure at CleanAir filter unit to approximately 45 PSI.
3. Open air adjusting valve and allow air to enter the gun.
4. Set fluid pressure at 20 lbs. and adjust higher or lower until desired atomization is effected. Air pressure should be alternately adjusted.

Cleaning:

1. Open air release valve on pressure cup cover.
2. Reduce pressure in cup until gauge reads zero, (turn knob counter-clockwise).
3. Loosen cup cover and set fluid tube on angle in cup.
4. Loosen air nozzle two turns, place cloth over nozzle and pull the trigger to force paint into cup.
5. Remove cover and clean cup and cover thoroughly.
6. With approximately 1/4 to 1/2 cup of clean solvent, attach cover and set fluid pressure at approximately 10 PSI.
7. Close air adjusting valve at spray gun.
8. Trigger gun and allow solvent to flow into a container until it flows clear.
9. Remove solvent, then clean air nozzle. If any dirt appears in orifice, clean with tooth pick Blow nozzle and cup dry. Replace nozzle and cover loosely.



⚠ CAUTION

Never use a wire or metal object to clean the air nozzle—they may damage the nozzle and cause faulty spray.

NOTE

Never allow solvent to remain in cup; solvent vapors tend to reduce service life of gasket. Separate storage of cup and cover recommended.

80-295 PARTS LIST

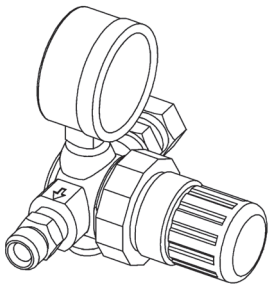
Ref. No.	Replacement Part No.	Description	Ind. Parts Req'd.
1	80-4	CUP, 2 QUART	1
2	80-34	TUBE, MATERIAL	1
3	80-11*	GASKET, TRI SEAL FOAM	1
4	80-297	COVER	1
5	80-12	AIR RELEASE VALVE	1
6	72-1022 ▲	CENTERPOST ASSEMBLY	1
7	80-33	OUTLET	1
8	20-353-1	JAM NUT, 5/16-18	1
9	83-1899	HANDLE	1
10	85-440	AIR REGULATOR ASSEMBLY (MAX. 50 PSI FLUID PRESSURE) (See part sheet 2817)	1
11	80-267	VALVE	1
12	60-7	SPRING	1

* Available in quantity pack. For Tri-Seal Gaskets, order 80-11-5 (qty. of 5).
▲ Available from Binks distributors only.

ACCESSORY – ORDER SEPARATELY

85-441
ATOMIZING AIR REGULATOR KIT

Second regulator kit for atomizing air control. (MAX. 60 PSI)



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.

For technical assistance or to locate an authorized distributor, contact one of our international sales and customer support locations.

Region	Industrial / Automotive	Automotive Refinishing
Americas	Tel: 1-800-992-4657 Fax: 1-888-246-5732	Tel: 1-800-445-3988 Fax: 1-800-445-6643
Europe, Africa, Middle East, India	Tel: +44 (0)1202 571 111 Fax: +44 (0)1202 573 488	
China	Tel: +8621-3373 0108 Fax: +8621-3373 0308	
Japan	Tel: +81 45 785 6421 Fax: +81 45 785 6517	
Australia	Tel: +61 (0) 2 8525 7555 Fax: +61 (0) 2 8525 7575	

For the latest information about our products, visit www.carlisleft.com

Carlisle Fluid Technologies is a global leader in innovative finishing technologies.
Carlisle Fluid Technologies reserves the right to modify equipment specifications without prior notice.

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