

## LARGE SYSTEM INJECTORS

Systems with up to 32 gallons of lubricant



Self-contained injection system for inducing up to 16 oz. of universal AC/R dye into the largest systems. Add to the lo-side. Easily works on all system pressures to 300 psi, .35 oz. per stroke. Hose included with SealRight end.

- Recommended for R-410A
- Made in the USA

UPC#	Description
69555	Large system injector
77950	Large system injector with coupler

## CALIBRATED A/C SCREW INJECTION



This 2 oz. injector is easy to refill and easy to operate. Calibrations are clearly marked on the injector. Connect to A/C lo-side and rotate handle. AC/R and auto models. Maximum port pressure of 250 psi.

UPC#	Description
69729	Universal screw injector (no hose)
69730	1/4" Calibrated A/C screw injector (with hose)
69731	Auto R-134a calibrated A/C screw injector with service coupler
69732	Auto R-134a calibrated A/C screw injector without service coupler
69723	1/4" replacement hose
69724	R-134a replacement hose

## UNIVERSAL A/C DYE INJECTORS AND HOSE



Universal A/C dye injectors work in AC/R and auto A/C systems. Four 1/4 oz. applications of dye in each disposable tube make it economical, fast and clean. Hose features back flow check valve.

- Maximum system port pressure of 80 psi
- Not for direct injection into R-410A systems due to high pressure
- Made in the USA

UPC#	Description
69702	Hose plus 2 injectors for AC/R
69703	Auto R-134a hose, coupling and injectors
69705	Injector hose with SealRight
69706	Auto R-134a injector hose and service coupler

US Patent # 6,164,348

## DYE AND OIL INJECTORS



Body and cap are rugged aluminum with an "O" ring seal. 1/4" Male fitting at one end with Schrader. A ball valve for control on other end with a short length of hose. Valve depressor in 1/4" Female end. 600 psi working pressure.

Saves time on many applications:

- Add oil to system
- Put oil in after changeout
- Add scanner fluorescent solution
- Add additives to system
- Refrigerant sampling
- Recommended for R-410A
- Made in the USA

UPC#	Description
69559	1/4 oz. Oil injector
69560	1/2 oz. Oil injector
69561	2 oz. Oil injector
69562	4 oz. Oil injector
69563	"O" ring 1/4 and 1/2 oz. injector (5 pak)
69564	"O" ring 2 and 4 oz. injector (5 pak)
69722	Replacement hose

## UNIVERSAL A/C DISPOSABLE INJECTORS

Universal disposable 1 oz. applicator for fast economical dispensing. Universal dye for all common refrigerants and oils. Two 1/2 oz. applications for regular split systems or four 1/4 oz. applications for small appliances or auto A/C.



US Patent # 6,164,348

- Less costly and faster than many other methods
- One dye minimizes inventory
- No back-up refrigerant to move dye into system
- Maximum system port pressure of 80 psi
- Not for direct injection into R-410A systems due to high pressure
- Made in the USA




Easy to use: connect to system, push in plunger, then disconnect

UPC#	Description
69700	1 oz. (30 ml) Injector (6 pak) (12 residential applications/case)
69721	1 oz. (30 ml) Injector (2 pak) (4 residential applications/package)
69727	1 oz. (30 ml) Injector

RECOVERY MACHINES  
VACUUM PUMP SYSTEMS  
VACUUM AND CHARGING HOSES  
HOSE ADAPTERS, VALVES AND PARTS  
CHARGING SYSTEMS  
GAUGES  
WIRELESS AND ELECTRONIC INSTRUMENTS  
HEATING INSTRUMENTS  
LEAK MONITORS AND DETECTORS  
SYSTEM TOOLS

## MAX-FLOW™ COMBINATION OIL PUMP

Pump oil into the compressor *on the down stroke* while the system is under pressure, making pumping easier with a positive stroke.

- Remove oil for recovery and conversion
- Add oil to existing systems
- Pumps 2.6 oz. or 78 ml per stroke
- Pumps against 200 psi pressure
- Comfort-grip rubber handle
- Universal stopper automatically adjusts to all standard openings in 1, 2-1/2 and 5 gallon oil containers
- Suction transfer hose and fittings included. Connects to bottom of unit to pump oil from equipment quickly and efficiently
- Use with alkyl-benzene, ester-based, polyol ester, mineral and synthetic oils
- Made in the USA 




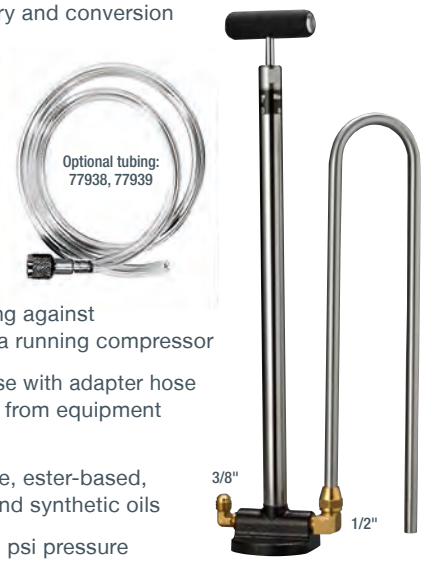
UPC#	Description
77940	Max-Flow combination oil pump with tubing
77941	Automatic stopper for oil container openings for new 77940 pump
77942	"O" ring kit for 77940
77920	Adapter fitting straight – 1/8" NPT Male x 1/4" flare
77921	Adapter fitting 90° angle – 1/8" NPT Male x 1/4" flare
77922	24" suction hose – 1/4" fitting one end only

Note: Not for use with ammonia laden oil.

## MAX-FLOW™ DELUXE OIL PUMP

The Max-Flow deluxe oil pump is a high capacity unit for quick charging.


- Remove oil for recovery and conversion
- Add oil to existing systems
- Pumps 3.8 oz. (112.38 ml) per stroke
- Fits all size oil containers
- Foot stand base provides support and leverage while pumping against the high pressures of a running compressor
- Operating unit in reverse with adapter hose accessory removes oil from equipment quickly and efficiently
- Use with alkyl-benzene, ester-based, polyol ester, mineral and synthetic oils
- Will pump against 250 psi pressure
- Made in the USA 



UPC#	Description
77930	Max-Flow deluxe oil pump
77925	Plastic seat
77931	"O" ring kit for 77930
77932	Piston rod assembly
77935	Ball spring – 2 each
77936	Replacement suction copper tube with 1/2" flare nut at one end
77933	Replacement fittings – 3/8" NPT Male x 1/2" flare – 90°
77937	Replacement fittings – 3/8" NPT Male x 3/8" flare – 90°
77938	Optional 1/2" flexible suction hose, 24" long – fitting one end only
77939	Optional 3/8" flexible drain hose, 24" long – fitting one end only
59653	1/2" copper gasket soft (10 pak)

## REFILLABLE OIL INJECTORS

Add liquid to systems and sample refrigerant quickly and easily.

- Body and cap are rugged aluminum with "O" ring seal
- Male fitting at one end with Schrader. A ball valve for control on other end with a short length of hose
- Valve depressor in Female end
- 600 psi maximum working pressure
- Made in the USA 

UPC#	Description
69560	1/2 oz. Oil injector 1/4" Male flare x 1/4" Female Q.C.
69561	2 oz. Oil injector 1/4" Male flare x 1/4" Female Q.C.
69562	4 oz. Oil injector 1/4" Male flare x 1/4" Female Q.C.
69563	"O" ring 1/2 oz. injector (5 pak)
69564	"O" ring 2 and 4 oz. injector (5 pak)
69565	1/2 oz. R-134a auto injector with hose and service coupler
69566	2 oz. R-134a auto injector with hose and service coupler
69567	4 oz. R-134a auto injector with hose and service coupler
69722	Replacement hose for 69560, 69561 and 69562
69724	Replacement hose for 69565, 69566 and 69567

