



PORTABLE SPRAY COOLANT SYSTEMS

SERIES 372:



DL SPRAY SYSTEM

The DL provides cooling solutions for light duty machining and tool room applications. The DL dispenser is easy to install requiring only shop air and dropping the siphon line into a coolant tank.

FEATURES:

- 7 inch flexible segmented nozzle.
- 7 foot coolant line with stainless steel filter.
- 60 pound magnetic base with mounting arm.
- 1/8" NPT air inlet fitting.



Description	Order No.	Price
DL Spray System	30660	
DL Spray System with 1 quart Tricool	30655	

DL MAGNUM SPRAY SYSTEM

The DL Magnum provides cooling solutions for light duty machining and tool room applications. The DL Magnum is easy to install requiring only shop air and dropping the siphon line into a coolant tank.

FEATURES:

- 15 inch flexible metal conduit.
- Independent air and liquid adjustment.
- 6 foot coolant line with stainless steel filter.
- Check valve minimizes delay of fluid upon start-up.
- 1/4" NPT air inlet fitting.



Fitting	Description	Order No.	Price
1/4 NPT	DL Magnum	30632	
1/4 NPT	DL Magnum w/1 quart Tricool	30633	

SPRAY COOLANT SYSTEMS MISTMATIC®

The Mistmatic offers a wide range of coolant delivery patterns. The pressure pumping design allows use with a wide range of coolants compatible with Buna-N seals and lower than 1000 SUS viscosity. Auto electric models, 120 VAC, can be interfaced with machine controls for cyclic capabilities.

FEATURES:

- 7 inch plastic nozzle with control valve.
- One or two outlets with 5 ft. brass armored lines.
- Independent air and liquid adjustment at the nozzle.
- 1 gallon dimensions, 10-1/2" H x 8-1/2" W x 6" D.
- 4 gallon dimensions, 14-1/2" H x 17-1/2" W x 9" D.



Capacity (gal.)		No. of Lines	Control Mode	Order No.	Price
Plastic	Stainless				
1	-	1	Manual	30600	
1	-	2	Manual	9930601	
4	-	1	Manual	9930602	
4	-	2	Manual	30603	
1	-	1	Auto	30604	
1	-	2	Auto	30605	
4	-	1	Auto	30606	
4	-	2	Auto	9930607	
-	1	1	Manual	30608	
-	1	2	Manual	30609	
-	1	1	Auto	30610	
-	1	2	Auto	30611	

SPRAYMASTER®

Spraymaster systems provide convenient spray cooling in metal cutting. Requiring only compressed air as a power source, these units are easily installed in many machining applications.

FEATURES:

- Independent air and liquid adjustment.
- 4 inch brass nozzle.
- 1 or 2 outlet with 5 ft. brass armored line.
- 1 gallon reservoirs available in polyethylene and stainless steel.
- Sight gauge for viewing liquid level.
- Polyethylene reservoir dimensions - 12-1/4" H x 10" W x 5-1/4" D.
- Stainless steel reservoir dimensions 9-3/8" H x 8-3/8" W x 5-1/4" D.



Reservoir	No. of Lines	Order No.	Price
Polyethylene	1	30542	
	2	30543	
Stainless Steel	1	30548	
	2	30549	

SPRAYMASTER II®

The Spraymaster II is designed for applications where the ability to cycle the delivery is required. Solenoid control of spray coolant allows instant on-off operation for use in fixtured secondary machining.

FEATURES:

- 7 Inch flexible plastic nozzle.
- 1 or 2 outlet with 5 ft. brass armored lines.
- Independent air and liquid adjustment.
- Size - 12-1/2" H x 10" W x 5-1/4" D



Description	Order No.	Price
Spraymaster II w/ One Line	30458	
Spraymaster II w/ Two Lines	30459	

LI'L MISTER® SYSTEM

The compact size with a 1 quart reservoir makes the Li'l Mister ideal for tool room and other light duty machining applications. Typical applications include drilling, milling, turning, grinding and tapping.

FEATURES:

- Sight gauge for viewing of liquid level.
- 4 ft. plastic or brass armored line.
- Independent air and liquid adjustment.
- 3 inch straight brass nozzle.
- Size - 8-1/2" H x 5-1/4" W x 4" D.



Description	Order No.	Price
Li'l Mister with Plastic Lines	30540	
Li'l Mister with Brass Armored Lines	30541	

"SST" SPRAY COOLANT SYSTEMS

The "SST" coolant systems offers spray cooling with features normally costing much more. This unit is designed for production type applications where less frequent filling is desirable. Quality construction is evident in the 1 gallon stainless steel reservoir.

FEATURES:

- Independent air and liquid adjustment.
- 6 inch brass nozzle.
- 1 or 2 outlet with 4 ft. plastic line.
- Size - 8-7/8" H x 8-3/8" W x 5-5/32" D.



Description	Order No.	Price
"SST" Spray System w/ One Line	30546	
"SST" Spray System w/ Two Lines	30547	



PORTABLE SPRAY COOLANT SYSTEMS

SERIES 372:



TYPE "B" SPRAY COOLANT SYSTEMS

This system provides spray coolant delivery at up to six separate locations. Each line can be individually set for exact delivery. Independent air and coolant controls enable users to balance the delivery of coolant to each application. Type B models are suited to applications where multiple cutting locations, large diameter tools or higher heat transfer requirements are desired.



FEATURES:

- 5 gallon polyethylene reservoir.
- 1 to 6 outlet with 5 ft. brass armored delivery lines.
- Independent air and liquid adjustment.
- Reservoir handle for portability.
- Size - 15"H x 12 - 3/8" Diameter.

Description	Order No.	Price
"B" Spray Coolant System One Line	9930550	
"B" Spray Coolant System Two Lines	30551	
"B" Spray Coolant System Three Lines	30552	
"B" Spray Coolant System Four Lines	30553	
"B" Spray Coolant System Five Lines	30554	
"B" Spray Coolant System Six Lines	30556	

SYNTHETIC COOLANT TRI-COOL®

For flood cooling and spray applications, Tri-Cool synthetic coolant is designed to provide optimum performance and long life for most metal cutting operations. Tri-Cool is excellent for use with ferrous and non-ferrous metals including stainless steel, aluminum, titanium, brass, bronze, and copper. It can be used for milling, tapping, drilling, grinding, turning, and sawing.



FEATURES:

- Non-hazardous synthetic formula improves operator safety.
- Synthetic E.P. Additives reduce heat build-up and extend tool life.
- Corrosion resistant even at high dilutions for improved rust protection.

Description	Order No.	Price
Gallons 4/Case	306561	
5 Gallon Pail	30657	



While we show only the most popular items we can supply their entire range of products; please inquire.



Coolant Systems and Accessories

The Choice Is Yours!!!

MICRO-DISPENSING SYSTEM

MD - 1200 MICRO-DROP®

The MD - 1200 dispenser provides a cost effective solution when flood cooling is impractical or unavailable. When used in milling, tapping, and sawing applications, the MD - 1200 dispenses small amounts of lubricant. Compared to flood cooling, there is no coolant sump to maintain or used coolant to dispose of. When compared to dry machining the MD - 1200 offers higher material removal rates, improved part finish, longer tool life, and tighter dimensional tolerances. Solenoid versions allow these units to be interfaced with CNC controls or other signaling devices. The pressurized delivery system of the MD - 1200, provides instant on-off performance when used with the solenoid control. Control module versions replace the air and liquid controls at the unit with controls located at the nozzle. This allows the operator to easily adjust the air and liquid setting in toolroom applications.



FEATURES:

- Available in 18" flexible plastic nozzle or 13" flexible copper nozzle.
- 6 Foot plastic delivery lines.
- Auto electric models come with a 120 VAC Solenoid.
- Size - 7.06"H x 10.09"W x 7.06"D.

Nozzle Type	No. of Lines	Control Module	Control Mode	Order No.	Price
Plastic	1	No	Manual	9930801	
Plastic	2	No	Manual	930802	
Plastic	1	No	Auto	30805	
Plastic	2	No	Auto	9930806	
Copper	1	No	Manual	30813	
Copper	2	Yes	Manual	30814	
Copper	2	Yes	Manual	30816	
Copper	1	No	Auto	30817	
Copper	2	No	Auto	30818	

MICRO-DROP® LUBRICANT

These environmentally safe lubricants can be used in nearly all machining applications. With the use of the Micro-Drop dispensing system, more effective machining productivity and savings in fluid costs can be achieved.



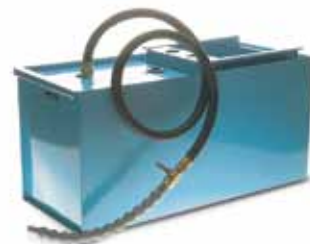
Both vegetable and synthetic lubricants can be used in many applications and with all metals. Vegetable lubricant performs more efficiently in high demanding machine operations because of its high lubricity and clinging power. The synthetic lubricant works in most applications where the depth of cut is not great.

Size	Synthetic Heavy Duty		Vegetable "NDF"	
	Order No.	Price	Order No.	Price
Gallons - 4/Case	306591		9306481	
5 Gallon Pail	30662		30647	
4oz. Squeeze Bottle -12/case	-		30678	



MACHINE TOOL COOLANT UNITS SERIES 708:

Little Giant "Flood Type" Machine Tool Coolant Units are designed for use with virtually any machine tool operational need. Units are engineered so that the flow of coolant liquids can be regulated to desired amount or completely shut off without harmful affects to the motor.



Model VMC - 1

Order No 560610	Price	
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For use on small drill presses, tool grinders, tapping machines and small lathe equipment. Includes one gallon plastic tank, with screen and chip collector, tubing, flow rate nozzle, and pump with fan-cooled motor. 4' power cord with 3-prong molded plug. Thermally protected. 108 GPH.*

*GPH rate shown with Nozzle in place. 420 GPH without Nozzle.

SPECIFICATIONS:

115 Volt, 1/50 H.P., 1 Amp., 80 Watt.

DIMENSIONS:

9-1/4 H x 12 L x 6 W, 6 lbs.

Model MCT-5P

Order No 560040	Price	
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For use on single-spindle drill presses, bench mills, tool grinders, single-spindle tapping machines, cut off saws, small lathes using water soluble or light cutting oil. Includes five gallon polyethylene tank, metal chip collector basket, baffle, 6' plastic hose, plastic flex nozzle and brass control valve, and all adapters and fittings for use with recommended pumps. (See Recommended Pump List below).

DIMENSIONS:

8 H x 10-15/16 L x 16-9/16 W, 19 lbs.

NOTE:

This unit does not include pump. Pump must be purchased in addition to MCT-5P Unit.

Model MCT-10

Order No 560300	Price	
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For use with medium size lathes, grinders, cut off machines, milling and drilling machines using water soluble or light cutting oil. Includes ten gallon metal tank with baffle, 4' neoprene hose with brass nuts, plastic flex nozzle and brass control valve. Removable chip collector tray and splash deflector, plus all adapters and fittings for use with recommended pumps. (See Recommended Pump List below).

DIMENSIONS:

11-3/8 H x 10L x 25 H, 31 lbs.

NOTE:

This unit does not include pump. Pump must be purchased in addition to MCT-10 Unit.

RECOMMENDED PUMPS FOR UNITS: MCT-5P AND MCT-10 See chart below for pump specifications.

For MCT Unit	Pump Model No.	Pump Catalog No.	G.P.H. Water Soluble Oil					G.P.H. 100 SSU/Cutting Oil					G.P.H. 300 SSU/Cutting Oil					
			1'	3'	6'	12'	Shut Off'	1'	3'	6'	12'	Shut Off'	1'	3'	6'	12'	Shut Off'	
MCT-5P	1-YS	501020	72	60	36		7.4	24	14	6		3.5						
MCT-5P	NK-1	526003	70	60	40		10.2	24	14	6		5.0						
MCT-5P	NK-2	527003	82	78	64		12.2	35	29	19		6.1						
MCT-5P	3E-12N	503103	127	123	113	89	22.4	89	86	79	62	16.8	70	65	60	47	15.7	
MCT-5P	4E-34N	504103	134	129	119	100	24.3	95	89	81	68	18.3	75	71	64	54	17.5	
MCT-10	3E-12N	503103	197	192	182	155	22.4	139	133	123	105	16.8	108	100	93	80	15.7	
MCT-10	4E-34N	504103	210	204	192	162	24.3	157	156	150	126	19.4	124	123	120	100	18.6	
MCT-10	5-MSP	505000	212	208	198	167	26.8	161	159	154	129	21.4	127	125	123	102	20.5	
MCT-10	6-CIM-R	506271	185	178	163	118	18.5	138	136	127	92	14.7	108	107	101	73	14.0	

PUMP SPECIFICATIONS

Pump Model No.	Volts	H.P.	AMP/WATT	Weight	Dimensions (HxLxW)	Pump Order No.	Price
1-YS	115	1/150	1.1/70	3.4	4-1/4 x 4-1/8 Dia.	501020	
NK-1	115	1/150	1.1/70	3.4	4-9/16 x 4-1/8 Dia.	526003	
NK-2	115	1/40	1.7/100	4.1	4-9/16 x 4-1/8 Dia.	527003	
3E-12N	115	1/15	3.2/200	8.3	5-1/2 x 7 x 4-1/2	503103	
4E-34N	115	1/12	3.5/210	10.1	5-1/2 x 7 x 4-1/2	504103	
5-MSP	115	1/6	5/380	8.25	7-3/4 x 6-1/16 x 4-5/16	505000	
6-CIM-R	115	3/10	9/720	16.5	7-1/4 x 9-1/2 x 7-1/4	506271	





COOLING SUPPLIES

SERIES 690:



COOLANT PUMPS AND TANKS

Expressly built for those jobs which circulate coolant liquids and cutting oils separating chips, grit and abrasives.

- 1 Phase, 60 Cycle
- Made in USA
- Complete less hose assembly which can be ordered separately.
- 1/20 H.P. - recommended for soluble oil and lightweight cutting oil only.
- 1/3 H.P. and larger - recommended for all general purposes.



Model No.	Voltage	Motor H.P.	Tank Size	Tank Dimensions	Motor Height	GPM** 5ft.Hd.	Order No.	Price
521*	115	1/20	5 gal.	12 Dia. x 13 H	5 in.	6	6900521	
1021	115	1/20	10 gal.	24 L x 12.5 W x 9.5 H	5 in.	6	6901021	
1025	115/220	1/3	10 gal.	24 L x 12.5 W x 9.5 H	8 in.	16	6901025	
1030	115/220	1/3	20 gal.	30 L x 16 W x 10 H	8 in.	16	6901030	
1035	115/220	1/2	20 gal.	30 L x 16 W x 10 H	8 in.	24	6901035	
1040	115/220	1/2	36 gal.	36 L x 18 W x 13 H	8 in.	24	6901040	

* Round ** Gallons per minute.

HOSE ASSEMBLY

Includes: 4 ft. neoprene hose, valve, 15 in. flex hose with nozzle

Description	Order No.	Price
Complete	6900001	
Flex Hose & Valve only	6900002	
Hose only	6900003	

COOLANT PUMPS

- Pump and motor only.
- For replacement of old units or for use in building your own unit.

Model No.	Motor H.P.	Voltage	Pump Depth	GPM** 5 ft. Hd.	Order No.	Price
1022	1/20	115	5	6	6901022	
1023	1/20	115	8	6	6901023	
1026	1/3	115/220	8	16	6901026	
1027	1/2	115/220	8	24	6901027	

**Gallons per minute



MAGNETIC ADJUSTABLE HOLDER

For locating and holding nozzle in any position. Use with either liquid or mist systems.



Order No. 6900150	Price

MIST COOLANT SYSTEMS

- All with metal lines.

The heat of the tool and the part is more rapidly and thoroughly dissipated because a sprayed coolant mist exposes a greater fluid surface area and is thus capable of absorbing more heat faster. This extends tool life for lower costs per part.



SINGLE CONTROL UNITS

Model No.	Description	Order No.	Price
10	1 gal. plastic container, 1 outlet	6901010	
20	1 gal. plastic container, 2 outlets	6901020	

DUAL CONTROL UNITS

Model No.	Description	Order No.	Price
90	1 gal. plastic container, 1 outlet	6900090	
92	1 gal. plastic container, 2 outlets	6900092	
100S	1 gal. stainless tank, 1 outlet	6900100	
102S	1 gal. stainless tank, 2 outlets	6900102	
350C	3.5 gal. metal tank, 1 outlet	6900350	
352C	3.5 gal. metal tank, 2 outlets	6900352	

MIST COOLANT FLUID: M-16

Specially Concentrated :

- Increases tool life
- No-fogging — odorless
- For machining and tapping
- Contains rust preventative

Container Size*	Standard Package	Order No.	Price
1 Gallon	4 / case	6903010	

* Larger container sizes available; please inquire.



LINE ASSEMBLY

Description	Order No.	Price
4 ft. metal hose 45° nozzle	6900011 6900013	



MAGNETIC BASE COOLANT HOSE SYSTEMS

SERIES 221:

- Quickly attach to any metallic surface.
- Strong holding power.
- 1/4" dia. flexible coolant hoses attached to on-off magnetic base.

No. & Length of Coolant Hoses	Base Size	Order No.	Price
1 x 14"	2-3/4 x 2 x 2-7/8"	2390114	
2 x 14"	2-3/4 x 2 x 2-7/8"	2390214	
3 x 15"	2-3/4 x 2 x 2-7/8"	2390315	



INDUSTRIAL SUPPLIES

AQUAFLO®

SERIES 986:



FLEXBAR



COOLANT DISPENSER

Deluxe water-soluble oil dispensers enable you to take even heavy cuts such as in "flycutting". Compact in size, one-knob control instantly starts up and shuts down the nozzle. Spray settles on cutting tool and workpiece; will not clog or fog up your plant. Minimum air pressure 25 PSI with Maximum 80 PSI. Built to last.

SINGLE AQUAFLO®

Single coolant nozzle comes with bracket for fast attachment on to any 1/4" dia. fitting on your machine tool. Supplied with 2 each 4 foot length lines; one NPT fitting air line and one suction hose line. Works with any coolant container (not included).

Model No. 14014

Order No. 8614014 Price:

CUTTING FLUID APPLICATOR

SERIES 79:

NOGA



MINICOOL - for maximum heat dissipation and extended tool life.

- Strong magnetic base
- Separate on/off and fluid controls
- Stainless steel armored siphon hose and air hose
- Nozzle connected via LOC-LINE flexible hose
- Simple, inexpensive, rugged

Order No. 9861700 Price:



While we show only the most popular **FLEXBAR** items we can supply their entire range of products; please inquire.

THE ORIGINAL MODULAR HOSE SYSTEM

SERIES 692:

LOC-LINE®
VACUUM HOSE SYSTEM



- Accurately aim coolant flow and many other applications.
- Repeated positioning is easy and it will stay in position without any springback.
- Chemically resistant to petroleum products, coolants and most common chemicals. (also available in acid resistant polyester).
- Electrically non-conductive.
- Designed for low pressure applications.

The following specifications are guidelines for all Loc-Line® coolant hose systems:

LINE PRESSURE & FLOW RATES:

1/4" System 30-50PSI 250 Gal./Hr.

1/2" System 20-30PSI 478 Gal./Hr.

3/4" System 10-20PSI 1,140 Gal./Hr.

- Temperature specifications are as follows:
Melting point 329°F
Maximum operating temperature: 170°F

(Continued)





THE ORIGINAL MODULAR HOSE SYSTEM



1/4" SYSTEM • 1/4" INSIDE DIAMETER

SERIES 692:

	<p>1/4" Hose Kit 13" Length with Fittings: 2 - 5-3/4" Segments 1/4", 1/8", 1/16" Nozzles 1/4" & 1/8" Male NPT Connectors Order No. 9240413 Price: <input type="text"/></p>
	<p>1/4" Flared Tubing Replacement Pack: 8 - 5-3/4" Segments 1 - 1" Flare Nozzle Includes 4 ea. of: 3/8" Flare Nut Adapters 1/8" Round Nozzles 1/4" Round Nozzles Order No. 9240452 Price: <input type="text"/></p>
	<p>1/4" 90° Nozzle Kit: 1 ea. 1/16", 1/8", 1/4" & 1/4" Spray Bar Nozzles Order No. 9241474 Price: <input type="text"/></p>
	<p>1/4" Extended Element Kit with Element Clamps, Includes 4 ea. of: 1/4" Extended Elements 1/4" Element Clamps Order No. 9241475 Price: <input type="text"/></p>
	<p>1/4" Circle Flow Nozzle Kit Assembled with 15 Side Flow Nozzles 1/4", & 1 End Cap 1/4" Order No. 9241479 Price: <input type="text"/></p>
	<p>1/4" Segment Pack (2-5-3/4" pcs.) Order No. 9241401 Price: <input type="text"/> 1/4" Segment Pack Bulk 25 ft. Order No. 9249420 Price: <input type="text"/> 1/4" Segment 50 ft. Coil. Order No. 9241421 Price: <input type="text"/></p>
	<p>1/4" Extended Elements, Pack of 4 Order No. 9241476 Price: <input type="text"/> Pack of 20 Order No. 9249445 Price: <input type="text"/></p>
	<p>1/4" Element Clamp, Pack of 4 Order No. 9241477 Price: <input type="text"/> Pack of 20 Order No. 9249446 Price: <input type="text"/></p>
	<p>1/16" Round Nozzles, Pack of 4 Order No. 9241402 Price: <input type="text"/> Pack of 50 Order No. 9249422 Price: <input type="text"/></p>

	<p>1/8" Round Nozzles, Pack of 4 Order No. 9241403 Price: <input type="text"/> Pack of 50 Order No. 9249423 Price: <input type="text"/></p>
	<p>1/4" Round Nozzles, Pack of 4 Order No. 9241404 Price: <input type="text"/> Pack of 50 Order No. 9249424 Price: <input type="text"/></p>
	<p>1/16" 90° Nozzles, Pack of 4 Order No. 9241470 Price: <input type="text"/> Pack of 20 Order No. 9249439 Price: <input type="text"/></p>
	<p>1/8" 90° Nozzles, Pack of 4 Order No. 9241471 Price: <input type="text"/> Pack of 20 Order No. 9249440 Price: <input type="text"/></p>
	<p>1/4" 90° Nozzles, Pack of 4 Order No. 9241472 Price: <input type="text"/> Pack of 20 Order No. 9249441 Price: <input type="text"/></p>
	<p>1/4" 90° Spray Bar Nozzles, Pack of 2 Order No. 9241473 Price: <input type="text"/> Pack of 20 Order No. 9249442 Price: <input type="text"/></p>
	<p>1" Flare Nozzles, Pack of 2 Order No. 9241407 Price: <input type="text"/> Pack of 20 Order No. 9249427 Price: <input type="text"/></p>
	<p>1/8" NPT Connectors, Pack of 4 Order No. 9241405 Price: <input type="text"/> Pack of 50 Order No. 9249425 Price: <input type="text"/></p>
	<p>1/8" BSPT* Connectors, Pack of 4 Order No. 9241417 Price: <input type="text"/> Pack of 50 Order No. 9249437 Price: <input type="text"/> *British Standard Pipe Thread</p>
	<p>1/4" NPT Connectors, Pack of 4 Order No. 9241406 Price: <input type="text"/> Pack of 50 Order No. 9249426 Price: <input type="text"/></p>
	<p>1/4" BSPT* Connectors, Pack of 4 Order No. 9241418 Price: <input type="text"/> Pack of 50 Order No. 9249438 Price: <input type="text"/> * British Standard Pipe Thread</p>

	<p>1/4" Y Fittings, Pack of 2 Order No. 9241408 Price: <input type="text"/> Pack of 20 Order No. 9249428 Price: <input type="text"/></p>
	<p>1/4" Double Sockets, Pack of 4 Order No. 9241409 Price: <input type="text"/> Pack of 20 Order No. 9249429 Price: <input type="text"/></p>
	<p>1/4" Socket to 1/8" FNPT, Pack of 4 Order No. 9241411 Price: <input type="text"/> Pack of 20 Order No. 9249431 Price: <input type="text"/></p>
	<p>3/8" SAE Flare Nut Adapters, Pack of 4 Order No. 9241412 Price: <input type="text"/> Pack of 20 Order No. 9249432 Price: <input type="text"/> (5/8-18 Thread)</p>
	<p>1/4" SAE Flare Nut Adapters, Pack of 4 Order No. 9241414 Price: <input type="text"/> Pack of 20 Order No. 9249434 Price: <input type="text"/> (7/16-20 Thread)</p>
	<p>1/4" Elbow Fittings, Pack of 2 Order No. 9241415 Price: <input type="text"/> Pack of 20 Order No. 9249435 Price: <input type="text"/></p>
	<p>1/4" T Fittings, Pack of 2 Order No. 9241416 Price: <input type="text"/> Pack of 20 Order No. 9249436 Price: <input type="text"/></p>
	<p>1/4" Side Flow Nozzles, Pack of 4 Order No. 9241478 Price: <input type="text"/> Pack of 20 Order No. 9249443 Price: <input type="text"/></p>
	<p>1/4" End Caps, Pack of 4 Order No. 9241480 Price: <input type="text"/> Pack of 20 Order No. 9249447 Price: <input type="text"/></p>
	<p>1/4" Swivel Nozzle 40, Pack of 2 Order No. 9241481 Price: <input type="text"/> Pack of 20 Order No. 9249449 Price: <input type="text"/></p>
	<p>1/4" Swivel Nozzle 60, Pack of 2 Order No. 9241482 Price: <input type="text"/> Pack of 20 Order No. 9249450 Price: <input type="text"/></p>

INDUSTRIAL SUPPLIES



LOC-LINE®
VACUUM HOSE SYSTEMS

THE ORIGINAL MODULAR HOSE SYSTEM

LOC-LINE®
VACUUM HOSE SYSTEMS



SERIES 692:

1/4" SYSTEM • 1/4" INSIDE DIAMETER

(Continued)

	1/4" In-Line Check Valves Pack of 2 Order No. 9221191 Price: <input type="text"/> Pack of 10 Order No. 9229451 Price: <input type="text"/>
	1/4" Male NPT Valves Pack of 2: Order No. 9221192 Price: <input type="text"/> Pack of 10 Order No. 9229452 Price: <input type="text"/>
	1/4" Female NPT Valves Pack of 2 Order No. 9221193 Price: <input type="text"/> Pack of 10 Order No. 9229453 Price: <input type="text"/>
	1/4" In-Line Valves Pack of 2 Order No. 9221194 Price: <input type="text"/> Pack of 10 Order No. 9229454 Price: <input type="text"/>
	1/4" Flat Slot 40 Nozzle Pack of 4 Order No. 9241483 Price: <input type="text"/> Pack of 20 Order No. 9249451 Price: <input type="text"/>
	1/4" Flat Slot 60 Nozzle Pack of 4 Order No. 9241484 Price: <input type="text"/> Pack of 20 Order No. 9249452 Price: <input type="text"/>
	1/4" Flat 5 Hole Nozzle Pack of 4 Order No. 9241485 Price: <input type="text"/> Pack of 20 Order No. 9249453 Price: <input type="text"/>
	1/4" Flat 7 Hole Nozzle Pack of 4 Order No. 9241486 Price: <input type="text"/> Pack of 20 Order No. 9249454 Price: <input type="text"/>
	1/4" Flat Nozzle Assortment Pack: 1/4" Flat Slot 40 Nozzle - 1pc. 1/4" Flat Slot 60 Nozzle - 1pc. 1/4" Flat 5 Hole Nozzle - 1pc. 1/4" Flat 7 Hole Nozzle - 1pc. Order No. 9241487 Price: <input type="text"/>
	Hose Assembly Pliers 1/4" Order No. 9278001 Price: <input type="text"/> 1/4" & 1/2" Plier Set Order No. 9278003 Price: <input type="text"/>

1/2" SYSTEM • 1/2" INSIDE DIAMETER

	1/2" Hose Kit 13" Length with Fittings: 2 -5-1/2" Segments 1/4", 3/8", 1/2" Nozzles 3/8" & 1/2" Male NPT Connectors Order No. 9250813 Price: <input type="text"/>
	90° Nozzle Kit: 1 ea. 1/4", 3/8", 1/2" & Spray Bar Nozzles Order No. 9251832 Price: <input type="text"/>
	1/2" Extended Element Kit with Element Clamps Includes 4 ea. of: 1/2" Extended Elements 1/2" Element Clamps Order No. 9251835 Price: <input type="text"/>
	1/2" Circle Flow Nozzle Kit: Assembled with 15 Side Flow Nozzles 1/2" & 1 End Cap 1/2" Order No. 9251837 Price: <input type="text"/>
	1/2" Segment Pack (2-5-1/2" pcs.) Order No. 9251801 Price: <input type="text"/> 1/2" Segment Pack Bulk 25 ft. Order No. 9259860 Price: <input type="text"/> 1/2" Segment 50 ft. Coil Order No. 9259861 Price: <input type="text"/>
	1/2" Extended Elements Pack of 4 Order No. 9251833 Price: <input type="text"/> Pack of 20 Order No. 9259883 Price: <input type="text"/>
	1/2" Element Clamps Pack of 4 Order No. 9251834 Price: <input type="text"/> Pack of 20 Order No. 9259884 Price: <input type="text"/>
	1/4" Round Nozzles Pack of 4 Order No. 9251806 Price: <input type="text"/> Pack of 50 Order No. 9259866 Price: <input type="text"/>
	3/8" Round Nozzles Pack of 4 Order No. 9251802 Price: <input type="text"/> Pack of 50 Order No. 9259862 Price: <input type="text"/>

	1/2" Round Nozzles Pack of 4 Order No. 9251803 Price: <input type="text"/> Pack of 50 Order No. 9259863 Price: <input type="text"/>
	1/4" 90° Nozzles Pack of 4 Order No. 9251828 Price: <input type="text"/> Pack of 20 Order No. 9259878 Price: <input type="text"/>
	3/8" 90° Nozzles Pack of 4 Order No. 9251829 Price: <input type="text"/> Pack of 20 Order No. 9259879 Price: <input type="text"/>
	1/2" 90° Nozzles Pack of 4 Order No. 9251830 Price: <input type="text"/> Pack of 20 Order No. 9259880 Price: <input type="text"/>
	1/2" 90° Spray Bar Nozzles Pack of 2 Order No. 9251831 Price: <input type="text"/> Pack of 20 Order No. 9259881 Price: <input type="text"/>
	1-1/4" Flare Nozzles Pack of 2 Order No. 9251807 Price: <input type="text"/> Pack of 20 Order No. 9259867 Price: <input type="text"/>
	2-1/2" Flare Nozzles Pack of 2 Order No. 9251809 Price: <input type="text"/> Pack of 20 Order No. 9259871 Price: <input type="text"/>
	3/8" NPT Connectors Pack of 4 Order No. 9251804 Price: <input type="text"/> Pack of 50 Order No. 9259864 Price: <input type="text"/>
	3/8" BSPT* Connectors Pack of 4 Order No. 9251826 Price: <input type="text"/> Pack of 50 Order No. 9259876 Price: <input type="text"/> *British Standard

(Continued)



INDUSTRIAL SUPPLIES



THE ORIGINAL MODULAR HOSE SYSTEM

SERIES 692:



1/2" SYSTEM • 1/2" INSIDE DIAMETER (Continued)

	1/2" NPT Connectors Pack of 4 Order No. 9251805 Price: <input type="text"/> Pack of 50 Order No. 9259865 Price: <input type="text"/>
	1/2" BSPT* Connectors Pack of 4 Order No. 9251827 Price: <input type="text"/> Pack of 50 Order No. 9259877 Price: <input type="text"/> *British Standard Pipe Thread
	1/2" Y Fittings Pack of 2 Order No. 9251808 Price: <input type="text"/> Pack of 20 Order No. 9259868 Price: <input type="text"/>
	1/2" to 1/4" Y Reducers Pack of 2 Order No. 9251822 Price: <input type="text"/> Pack of 20 Order No. 9259870 Price: <input type="text"/>
	1/2" to 1/4" Adapters Pack of 2 Order No. 9251821 Price: <input type="text"/> Pack of 20 Order No. 9259869 Price: <input type="text"/>
	1/2" Double Sockets Pack of 4 Order No. 9251811 Price: <input type="text"/> Pack of 20 Order No. 9259872 Price: <input type="text"/>
	3/8" SAE Flare Nut Adapters Pack of 4 Order No. 9251823 Price: <input type="text"/> Pack of 20 Order No. 9259873 Price: <input type="text"/> (5/8-18)
	1/2" Elbow Fittings Pack of 2 Order No. 9251824 Price: <input type="text"/> Pack of 20 Order No. 9259874 Price: <input type="text"/>
	1/2" T Fittings Pack of 2 Order No. 9251825 Price: <input type="text"/> Pack of 20 Order No. 9259875 Price: <input type="text"/>
	1/2" Side Flow Nozzle Pack of 4 Order No. 9251836 Price: <input type="text"/> Pack of 20 Order No. 9259889 Price: <input type="text"/>

	1/2" End Caps Pack of 4 Order No. 9251838 Price: <input type="text"/> Pack of 20 Order No. 9259885 Price: <input type="text"/>
	1/2" In-Line Check Valves Pack of 2: Order No. 9232091 Price: <input type="text"/> Pack of 10 Order No. 9239851 Price: <input type="text"/>
	1/2" Male NPT Valves Pack of 2 Order No. 9232092 Price: <input type="text"/> Pack of 10 Order No. 9239852 Price: <input type="text"/>
	1/2" Female NPT Valves Pack of 2 Order No. 9232093 Price: <input type="text"/> Pack of 10 Order No. 9239853 Price: <input type="text"/>
	1/2" In-Line Valves Pack of 2 Order No. 9232094 Price: <input type="text"/> Pack of 10 Order No. 9239854 Price: <input type="text"/>
	1/2" Flat Slot 80* Nozzle Pack of 4 Order No. 9251840 Price: <input type="text"/> Pack of 20 Order No. 9259890 Price: <input type="text"/> * Slot Height .080"
	1/2" Flat Slot 125* Nozzle Pack of 4 Order No. 9251841 Price: <input type="text"/> Pack of 20 Order No. 9259891 Price: <input type="text"/> * Slot Height .125"
	1/2" Flat 5 Hole Nozzle Pack of 4 Order No. 9251842 Price: <input type="text"/> Pack of 20 Order No. 9259892 Price: <input type="text"/> .125 Hole Diameter
	1/2" Flat 7 Hole Nozzle Pack of 4 Order No. 9251843 Price: <input type="text"/> Pack of 20 Order No. 9259893 Price: <input type="text"/> .080 Hole Diameter
	1/2" Flat Nozzle Assortment Pack: Contains 1 each 1/2" Flat Slot 80 Nozzle 1/2" Flat Slot 125 Nozzle 1/2" Flat 5 Hole Nozzle 1/2" Flat 7 Hole Nozzle Order No. 9251844 Price: <input type="text"/>

	1/2" Hose Assembly Pliers Order No. 9278002 Price: <input type="text"/>
	1/4" & 1/2" Plier Set Order No. 9278003 Price: <input type="text"/>



3/4" SYSTEM • 3/4" INSIDE DIAMETER

	3/4" Hose Kit: 14" Length with Fittings: 2 - 5-3/4" Segments 5/8, 3/4" Nozzles 3/4" Male NPT Connector Order No. 9260513 Price: <input type="text"/>
	3/4" Segment Pack (2-5-3/4" pcs) Order No. 9261501 Price: <input type="text"/> 3/4" Segment Pack Bulk 25 Ft. Order No. 9269540 Price: <input type="text"/> 3/4" Segment 50 Ft. Coil Order No. 9269541 Price: <input type="text"/>
	5/8" Round Nozzles Pack of 4 Order No. 9261503 Price: <input type="text"/> Pack of 50 Order No. 9269543 Price: <input type="text"/>
	3/4" Round Nozzles Pack of 4 Order No. 9261502 Price: <input type="text"/> Pack of 50 Order No. 9269542 Price: <input type="text"/>
	3" Flare Nozzles Pack of 2 Order No. 9261507 Price: <input type="text"/> Pack of 20 Order No. 9269547 Price: <input type="text"/>
	3/4" NPT Connectors Pack of 4 Order No. 9261505 Price: <input type="text"/> Pack of 50 Order No. 9269545 Price: <input type="text"/>

INDUSTRIAL SUPPLIES



LOC-LINE®
VACUUM HOSE SYSTEM

Made in U.S.A.

THE ORIGINAL MODULAR HOSE SYSTEM

SERIES 692:

LOC-LINE®
VACUUM HOSE SYSTEM



Made in U.S.A.

3/4" SYSTEM • 3/4" INSIDE DIAMETER

	3/4" BSPT* Connectors Pack of 4 Order No. 9261509 Price: <input type="text"/> Pack of 50 Order No. 9269549 Price: <input type="text"/> *British Standard Pipe Thread
	3/4" Y Fittings Pack of 2 Order No. 9261511 Price: <input type="text"/> Pack of 20 Order No. 9269551 Price: <input type="text"/>
	3/4" to 1/2" Y Reducers Pack of 2 Order No. 9261512 Price: <input type="text"/> Pack of 20 Order No. 9269552 Price: <input type="text"/>
	3/4" to 1/2" Adapters Pack of 2 Order No. 9261508 Price: <input type="text"/> Pack of 20 Order No. 9269548 Price: <input type="text"/>
	3/4" Double Sockets Pack of 4 Order No. 9261514 Price: <input type="text"/> Pack of 20 Order No. 9269554 Price: <input type="text"/>
	6" x 8" Quick Set Shield Kit™ Order No. 9260525 Price: <input type="text"/> 7-1/2" x 10" Quick Set Shield Kit™ Order No. 9260526 Price: <input type="text"/> 8-1/2" x 12" Quick Set Shield Kit™ Order No. 9260527 Price: <input type="text"/> All Quick-set Shield Kits include a 14" adjustable 3/4" Loc-Line® arm, magnetic base and fitting for fixed mounting.
	6" x 8" Replacement Shield Order No. 9260528 Price: <input type="text"/> 7-1/2" x 10" Replacement Shield Order No. 9260529 Price: <input type="text"/> 8-1/2" x 12" Replacement Shield Order No. 9260530 Price: <input type="text"/>
	Shield Mounting Elbows Pack of 2 Order No. 9260531 Price: <input type="text"/>
	3/4" Magnetic Base Order No. 9260532 Price: <input type="text"/>
	3/4" Fixed Mounts Pack of 2 Order No. 9260533 Price: <input type="text"/>
	3/4" Hose Assembly Pliers Order No. 9278004 Price: <input type="text"/>

MODULAR & ADJUSTABLE VACUUM HOSE

Designed to be added to an existing central vacuum system to extract smoke, dust, fumes and particles at the source.

Applications: Soldering, wet grinding, machining applications, (especially mist, graphite, and particles), chemical odors and fumes (except acids)



Melting point 329°F • Maximum operating temperature 170°F

- Hand adjustable 360°
- Self supporting up to 3'.
- Durable, will not fray.
- Resistant to most chemicals.
- Bending radius of 5.75".

	Order No.	Description	Price
	9281201	9 elements 2.5" ID (1 foot segment)	
	9281202	18 elements 2.5" ID (2 - one foot segments)	
	9289220	180 elements 2.5" ID (20 - one foot segments)	
	9281203	4.5" Round Nozzle - 1 pc.	
	9289223	4.5" Round Nozzle - 10 pcs.	
	9281204	6" x 3.5" Rectangular Nozzle - 1 pc.	
	9289224	6" x 3.5" Rectangular Nozzle - 10 pcs.	
	9281205	Tapered Oval Nozzle - 1 pc.	
	9289225	Tapered Oval Nozzle - 10 pcs.	
	9281206	3" Loc-Line PVC Adapter - 1 pc.	
	9289226	3" Loc-Line PVC Adapter - 10 pcs.	
	9281207	3" Loc-Line Sheet Metal Duct Adapter - 1 pc.	
	9289227	3" Loc-Line Sheet Metal Duct Adapter - 10 pcs.	

Caution: Loc-Line® Vacuum Hose is made from an acetal copolymer. This material is not fire retardant and thus would pose a fire hazard if the material is subjected to an application where high temperatures or flames exist.



Other **LOC-LINE®** products available:

- Modular Manifolds
 - Acid Resistant Hoses
- Please inquire.**



VAC AND COLD AIR COOLANT SYSTEMS



SERIES 225:

Cold Gun Air Coolant System



Replace messy mist systems and improve dry machining with cold air. The Cold Gun Aircoolant System produces a stream of clean cold air at 50°F (28°C) below supply air temperature. It will remove heat to prolong tool life and increase productivity on machining operations when liquid coolants cannot be used.

EXAIR's Cold Gun is non-adjustable to prevent freeze-up during use. Cold airflow and temperature drop are factory set to optimize the gun's cooling capability for continuous use.

The Adjustable Spot Cooler offers precise temperature settings from -30°F to room temperature with the simple turn of a knob (freezing possible). A swivel magnetic base provides easy mounting and portability.

Model 5215 Single Point Cold Gun System is recommended for grinding and drilling operations.

Model 5315 Dual Point Cold Gun System is ideal for larger surface areas such as milling or sawing.

Model 3825 Adjustable Spot Cooler System can be used in the applications listed when **continuous use** at temperatures below 20°F are not required.

Order No.	Description	Price
5215	Single Point Cold Gun System (Includes magnetic base, hose kit and filter.)	
5315	Dual Point Cold Gun System (Includes magnetic base, hose kit and filter.)	
3825	Adjustable Spot Cooler System includes swivel magnetic base, filter, (2) additional generators and single point hose kit with cone and fan nozzle.	
9003	Manual Drain Filter Separator, 1/4 NPT	
9012	Manual Shutoff Valve, 1/4 NPT	

Applications:

- Tool sharpening
- Drill & cutter grinding
- Routing
- Plunge and form grinding
- Milling
- Surface grinding
- Drilling
- Tire grinding
- Band sawing
- Plastic machining



Advantages:

- Improves production rates
- Prevents burning
- Extends tool life - reduces breakage
- Improves tolerance control
- Prevents smearing of metal or plastics
- Maintenance free - no moving parts
- Quiet (less than 75 dBA)

Chip Vac System



EXAIR's compressed air operated Chip Vac is an industrial duty vacuum designed specifically for vacuuming chips. It creates a powerful cyclonic action that vacuums metal, wood or plastic chips into an ordinary 55 gallon drum. Dusty materials such as absorbents are trapped by the 0.1 micron filter bag to keep the surrounding air clean.

- Powerful cyclonic action
- No moving parts - maintenance free
- Quieter than electric vacuums
- No motors to clog or wear out
- Dust free-chips go directly into drum
- Includes all accessories



Order No.	Description	Price
6193	Chip Vac System includes the Chip Vac, lever lock drum lid, shutoff valve, filter bag, 10' chemical resistant hose (1.5" I.D.), chip wand, extensions, crevice tool, brush, skimmer and floor tool (drum not included).	
9001	Auto Drain Filter Separator, 1/4 NPT, 73 SCFM	

Pick up wet or dry chips from fixtures, floors and work surfaces of machining centers, lathes, saws, mills or other industrial equipment and deliver them directly to an ordinary 55 gallon drum.

Reversible Drum Vac System

The Reversible Drum Vac is a safe, maintenance free way to recover:

- Coolant
- Hydraulic oils
- Liquid spills
- Sludge and chips
- Tramp oil
- Waste water



EXAIR's compressed air operated Reversible Drum Vac System attaches quickly to any closed head 55 gallon drum. Its high powered vacuum fills the drum in less than two minutes. With the simple turn of a knob, the same stainless steel pump quickly empties the drum. Coolant sumps can be easily refilled, floor spills vacuumed, or contaminated liquids transferred to filtration tanks in minutes.

Electrically operated "all purpose" vacuums aren't designed for use in industrial environments. As a result, motors wear out quickly and impellers clog. The Reversible Drum Vac does not use electricity and has no moving parts, assuring maintenance free operation. An automatic safety shutoff valve prevents spills or overfilling.



Model 6901 Spill Recovery Kit.

Order No.	Description	Price
6191	Reversible Drum Vac System includes two-way pump assembly (1/4 NPT), shutoff valve, 10' flexible vacuum hose (1.5" I.D.) with 90° quick release elbow connection, (2) extension wands, crevice tool, skimmer tool and floor tool (drum not included).	
6901	Spill Recovery Kit includes a one-piece 54" ABS wand and 14" double blade squeegee tool.	
9001	Auto Drain Filter Separator, 1/4 NPT, 73 SCFM	