

Model 85418



Controller



### Airless Spray High-Pressure System

No air required—three words describe why Lincoln’s innovative new Airless Spray System is the only system of its kind on the market. But it takes many more words to list all the benefits the latest in Lincoln’s long line of technological advances has to offer. Because no air is required, the Airless Spray System means that mining, concrete, steel and other heavy industries can look forward to dependable, high-pressure lubricant spraying that’s low-maintenance and cost-effective.

### 85418 Airless Spray Valve

Model	Operating Voltage	Solenoid Valve Initial Current	Heater Current
85418	115 VAC	.18 Amps	1.80 Amps

### Spray Tips

Model	Descrip.	Std Spray Tip	Std Tip with Swivel	Roto-Clean Tip	Roto-Clean Tip with Swivel*
252790	Retaining Nut	Required	Not Required	Not Required	Not Required
252792	Jet Stabilizer	Optional	Optional	Optional	Optional
85423 **	Std. Spray Tip	Required	Required	Not Required	Not Required
271579	Swivel Assy	Optional	Required	Optional	Required
252831	Body	Not Required	Not Required	Required	Required
85427 **	Roto-Clean Tip	Not Required	Not Required	Required	Required

\* Discard tip retaining nut and protective cover, supplied with swivel assembly, when installing the roto-clean tip on a swivel assembly.

\*\* See chart below for spray tip models

Standard Carbide Spray Tips	
Model	Model
85423-5001	85423-11003
85423-6501	85423-11004
85423-6502	85423-650067
85423-8001	85423-800067
85423-8002	85423-950080
85423-9501	85423-1100067
85423-9502	85423-1100080
85423-11001	

Roto-Clean Carbide Spray Tips	
Model	Model
85427-5001	85427-9501
85427-6501	85427-9502
85427-6502	85427-650067
85427-8001	85427-800067
85423-8002	85427-1100067

### Pumps

Lincoln offers many pump options for supplying lubricant to the lube system. Air-operated pumps are preferred when possible due to their versatility and wide range of selection. Hydraulic and electric pumps are also available. **The pump must be capable of pumping the lubricant to a minimum of 3500 psi at the airless spray valve.**



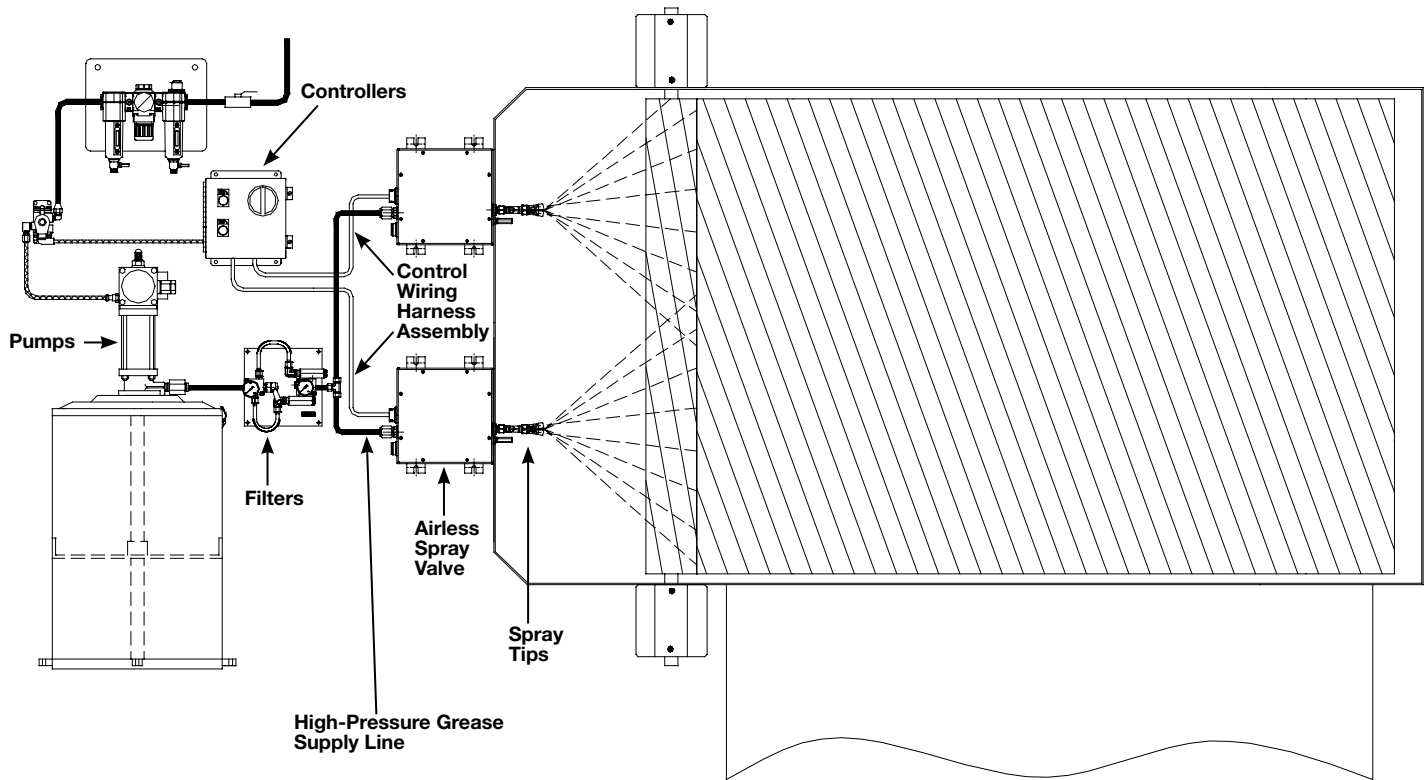
Model 85419



Model 84111

### Filters

Model	Description
85419	Dual filter panel with operator valve to select one of the two 84111 filters. The other filter is isolated from the system pressure for uninterrupted service and easy element replacement
84111	High-pressure, single in-line filter (recommended) 238 micron (60 MESH)
84004	Single in-line filter 140 micron (100 MESH)



### Controllers

Model	Description
254120	For single and dual Airless systems. Operates system by setting the time between lubrication events. Includes manual lube button and system alarm.
256228	For single Airless system with external initiate contacts with manual lube button and system alarm
254815	For dual Airless system with external initiate contacts with manual lube button and system alarm

### Control Wiring Harness Assembly

Model	Description
256241	25' wiring harness connects the controller to each spray valve. One wiring assembly is required for each spray valve.

### High Pressure Grease Supply Line

To be furnished by installer

### 2-Way Fluid Solenoid Valve

Model	Description
272285	For multiple machine/single pump applications. See design guide (form #403172) for details.