

# Centro-Matic® Automatic Lubrication Systems

## Air-Operated (Single Stroke) Grease Pumps



### Centro-Matic® Integrated Pumps

All models are air-operated, positive displacement pumps delivering a maximum volume by means of a single stroke of the pump (volumes listed below). Solenoid air valves and adjustable solid-state time controls are integrated into the pump body. All pumps are designed to deliver grease to single-line injectors and include a special high-volume refill fitting. Acrylic reservoirs are available in several sizes. Integrated controls feature LED indicators for "Power On", "Pump On" and "Alarm," along with a membrane-type, "Manual Lube" switch.



Model 85434

### Model 85434 Integrated Grease Pump

Ratio:		31:1
Power:		120 VAC
Typical System Operating Pressure:	Min.	1200 psig / 82 bar
	Max.	3500 psig / 240 bar
Maximum Output:		1.4 in <sup>3</sup> / 18.7 cm <sup>3</sup>
Reservoir Capacity:		4.5 lbs. / 1.8 kg
Dimensions (LxWxH):		24.70" x 6.52" x 18.11" / 627 x 166 x 460 mm

### Model 85435 Integrated Grease Pump

Same as Model 85434 except 240 VAC.

### Model 85436 Integrated Grease Pump

Same as Model 85434 except with a Ratio of 25:1 and Maximum Output of 2.15 in<sup>3</sup> (35.2 cm<sup>3</sup>).



Model 85442

### Model 85442 Integrated Grease Pump

Ratio:		20:1
Power:		120 VAC
Typical System Operating Pressure:	Min.	1200 psig / 82 bar
	Max.	3500 psig / 240 bar
Maximum Output:		0.45 in <sup>3</sup> / 7.4 cm <sup>3</sup>
Reservoir Capacity:		1 lb. / 0.450 kg
Dimensions (LxWxH):		5.25" x 7.24" x 12.02" / 133 x 184 x 305 mm

### Model 85444 Integrated Grease Pump

Ratio:		20:1
Power:		120 VAC
Typical System Operating Pressure:	Min.	1200 psig / 82 bar
	Max.	3500 psig / 240 bar
Maximum Output:		0.45 in <sup>3</sup> / 7.4 cm <sup>3</sup>
Reservoir Capacity:		4 lbs. / 1.8 kg
Dimensions (LxWxH):		5.25" x 7.24" x 20.75" / 133 x 184 x 527 mm

### Model 85445 Integrated Grease Pump

Same as Model 85444 except 240 VAC.

### Timer and Controller Specifications

On Time	Off Time	Alarm Contacts	Operating Temperature
10 sec or 30 sec	1/2 to 30 min or 30 min to 30 hrs	8 amps @ 250 VAC	-10°F to 150°F -23°C to 65°C



Model 85444