

# Centro-Matic® Automatic Lubrication Systems

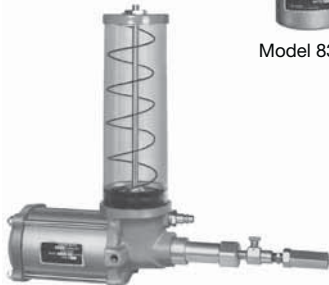
## Air-Operated (Single Stroke) Grease Pumps



Model 82886



Model 83668



Model 82653

### Model 82886 Pump

Pump discharges lubricant on air-powered forward stroke and vents on springpowered return stroke through built-in check/vent valve. Reservoir is translucent with spring-loaded follower. Includes filler fitting for refilling reservoir with Model 81834 or other manual pump equipped with Model 645006 coupler.

### Model 83668

Same as Model 82886 except includes larger reservoir.

### Model 82653 Bare Pump

Pump uses air for forward and return stroke but dispenses lubricant on forward stroke only. Return stroke vents lubricant pressure through included check/vent valve. Translucent reservoir has spring-loaded follower. Refill through included filler fitting using Model 81834 or other manual pump equipped with Model 645006 coupler.

### Model 83834 High Volume Bare Pump

Same as Model 82653 except 25:1 ratio, 2.15 cu. in (35.2 cc) maximum output.

### Model 82655 Pump with Controls

Same as Model 82653 except includes Model 84501 solid state timer and 350244 four way electric solenoid valve.

### Model 83800 High Volume Pump with Controls

Same as Model 83834 except includes Model 84501 solid state timer and 350244 four way electric solenoid valve.

Model	Lubricant/ Air Ratio	Max. Output	Reservoir Capacity	Reservoir Temp. Range	Air Inlet	Lube Outlet	Lubricant Oper. Pressure		Dimensions HxWxL	Air Valve Required
							Min.	Max.		
82886	20:1	.45 in <sup>3</sup> 7.4 cm <sup>3</sup>	1 lb/.45 kg 30 in <sup>3</sup> /492 cm <sup>3</sup>	0°F to 150°F -18°C to 65°C	1/4" NPTF(F)	1/4" NPTF(F)	1200 psig / 82 bar	3500 psig / 240 bar	10 3/8" x 5 1/4" x 6" 263 x 133 x 152 mm	3-way
83668									18 1/2" x 5 1/4" x 6" 470 x 133 x 152 mm	
82653	31:1	1.4 in <sup>3</sup> 22.9 cm <sup>3</sup>	4 lb/1.81 kg 120 in <sup>3</sup> 1967 cm <sup>3</sup>						18 1/2" x 5 3/4" x 21" 470 x 146 x 533 mm	4-way
82655										
83834	25:1	2.15 in <sup>3</sup> 35.2 cm <sup>3</sup>								
83800										

#### Note:

Air consumption @ 100 psi is .15 CFM per stroke.

### Timer Specifications

Cycle Time		On Time		Power Requirements	Ambient Operating Temp. Range
Min	Max	Min	Max		
20 Sec.	24 Hr.	10 Sec.	1 Min. 24 Sec.	120 VAC, 60 hz 110 VAC, 50 hz	10°F to +150°F -23°C +65°C

#### Note:

Refer to System Controls section for detailed timer and solenoid operated air valve specifications.