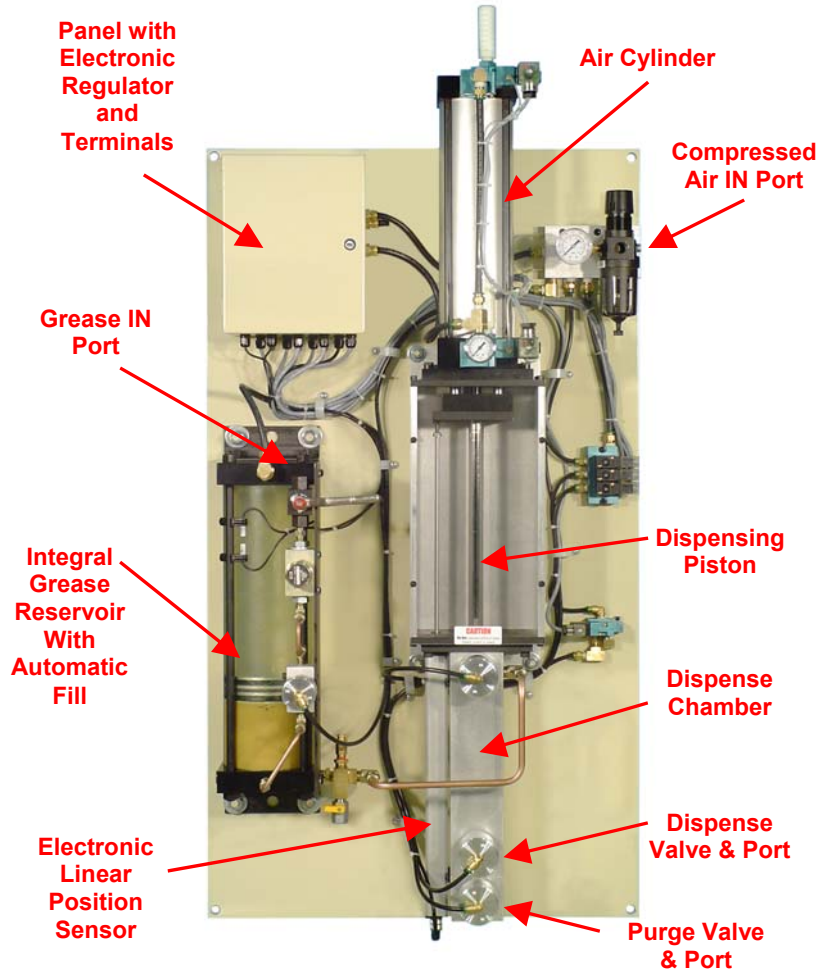


AAPGP1013

PLC Controlled Air-Operated Grease Pump Removes Air from Grease and is Electronically Adjustable



- Finds and removes voids and air in grease
- Operates normally during supply pump drum changes
- Includes solenoid operated air valves and linear position sensor
- Operated by user's PLC
- Will dispense NLGI #00 through #2 lubricating grease
- Has electronically adjustable volume and flow rate control
- Includes 4-way solenoid valve for operation of snuff-back device
- Includes program for electronic pressure transducer to be located near grease nozzle tip
- Includes sample PLC logic diagram
- Manufactured under U S patent number 6,053,285.

SPECIFICATIONS			
Material Dispensed	Lubricating oil and Grease compatible with neoprene seals and with a viscosity between 30 and 1,000,000 centipoise.	Boost Ratio	20 to 1, (30 p.s.i. air pressure = 600 p.s.i. grease output pressure)
Material Inlet Pressure	2,500 p.s.i. maximum 400 p.s.i. minimum	Dispense Volume	Adjustable between 25 and 108 cubic centimeters (1.52 to 6.59 cubic inch)
Reservoir size	254 cubic inch (4.16 liter)	Air Valves	24 VDC solenoid operated
Operating Air Pressure	80 to 100 p.s.i.	Ambient Temperature	50 to 120° F. (10 to 49° C.)
Port Sizes	Air, grease in, and grease out ports are ¼ NPT female	Reservoir Electrical Specifications	Fill and filled sensors are 20-250V AC/DC, 50-400 mA PNP, NPN
Shipping Weight	250 lb. (113 Kg)	Dimensions	50" H X 25" W X 12" D

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