



FOAM PACKAGING SYSTEMS

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## SPECIFICATIONS

### E-Z FLOW LPS-2 LOW PRESSURE SPRAY SYSTEM

#### System Requirements:

Electric Power: 220 volts, single phase, at 30 amps  
(L6-30 receptacle recommended)  
Compressed Air: 90-120 PSI, 3-4 CFM, with filtration and dryer

#### Components:

- Electronic Controller, 14" H x 12" W x 7" D, controls hose temperatures, with digital display of actual and set temperatures on both hoses, temperature adjustable from 80-170 degrees F
- Heated Hoses, one each for "A" (isocyanate) and "B" (polyol resin), 1/2" I.D., braided stainless steel over Teflon, 20 ft long, with coil heater the full length of each hose, #8 JIC swivel fittings to attach to Gun.
- Dispensing Gun, with rebuildable Cartridge Assy (see below), impingement mix, air actuated, consisting of three subassemblies: Handle Assy, Valve Block Assy, and Air Motor Assy. Weight of gun is 2 lbs 14 oz. Designed for fluid pressure of 200-300 PSI. Compressed air valve on back of Gun feeds Air Chamber on Spray Cartridge.
- Spray Cartridge Assembly, fully rebuildable, with removable orifices. Comes with .040, .050, and .060 orifices to allow for different viscosities and densities. Design life is 12,000 to 15,000 shots. Housing material is 303 Stainless, mixing chamber is of special grade Teflon, and valving rod is hardened stainless steel, ground and polished. Replaceable plastic cone give spray pattern
- Drum Pumps, 2" diameter, air actuated, inserted into drums, stainless, 2:1 ratio (100 PSI air input, 200 PSI fluid output), made by IPM, available in short (for 15 gallon sets) and standard (for 55 gallon drums) lengths

#### Capacities:

Output: 6-10 pounds per minute of mixed chemicals, depending on input air pressure and viscosity of chemicals used. Under most conditions, this output can be sustained with good foam consistency for spray patterns over large areas

Types of chemical: Most standard two part polyurethane formulations for insulation or roofing applications, with viscosities to approx. 1400 cps and finished densities up to approx. 3 lb/cu ft. With special setup, higher viscosities

and densities have been successfully dispensed. Please advise E-Z Flow if special chemicals are required