GlasCraft
DISPENSING EXCELLENCE

Independent Digital Controllers for Iso, Poly, & Hose Heat

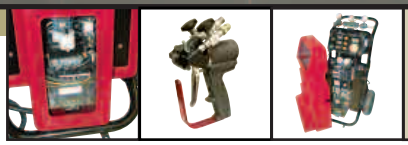
Optional Iso Piston Lubrication System

Over 300 Feet of Heated Hose Capabilities

Modular Heater System in 6000 watt or 12,000 watt

Compact, Portable Design is Able to Fit Through Doorways

Guardian

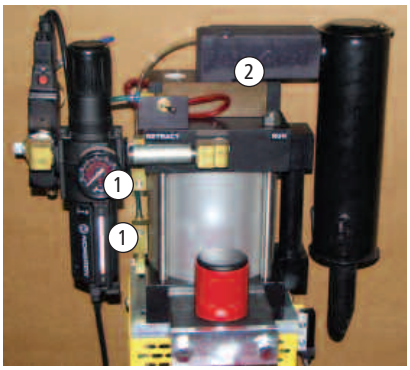


Guardian A6 Series

ADS
Advanced Dispense Systems

Polyurea and Elastomeric Coatings Dispensing System

Guardian A6 Series



1 Air Signal

2 Air Pilot Valve

6" Non Freeze Air Motor

The design of the Guardian air motor delivers efficient, consistent trouble free operation.

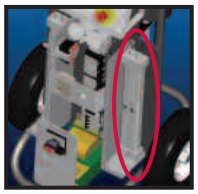
While most air powered equipment employs trip rods and mechanical spools to reverse the air motor direction of travel, the Guardian A series uses air signals to reverse air motor direction.

This requires no maintenance or routine adjustments. Moisture and humidity have less affect on GlasCraft's air motor compared to electric driven systems. And if needed can be easily serviced in the field.

The Guardian A6 System

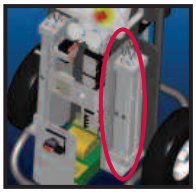
- Maximum fluid pressure - 2200 / 3000 psi
- Output range < 0.5 to 2.0 gal / min (2 to 8 l / min)
- Maximum hose length - 310' heated hose
- Maximum heater temperature - 190˚F (88˚C)
- Fluid section displacement per cycle -
  24 cycles = 1 gallon (.042 gal / cycle)
  6.25 cycles = 1 liter (.16 l / cycle)
- 6000 or 12000 watt high efficiency heaters
- 75 volt variable transformer for hose heat
- Solid state electronics package
- LED cycle counter
- CE design configuration
- Independent Iso, Poly & Hose heat controllers
- True flow hose electrical connectors
- Overpressure / overtemperature safety circuits
- The new Iso piston lubrication system - enclosed piston lubrication system that circulates pump lubricants in a sealed environment, providing longer seal life further reducing scheduled maintenance
- Air manifold incorporated in the system design for additional air distribution outlets and regulators for transfer pumps and mixers
- Retract switch for the air motor is a quick and easy device to always keep your pumps in the down position at the end of the day

6000 watts



Model A6 - 6000

12000 watts



Model A6 - 12000

Optional Iso Piston Lubrication System

Air Power - Reliable, Maintenance Free Performance

With all TIER #1, Hydraulic and TIER #2, Air and Electric spray machines - you require compressed air. The minimum volume of air is 15 cfm @ 100 psi. This amount of air would be necessary for the operation of the transfer pumps and the air purge on the spray gun.

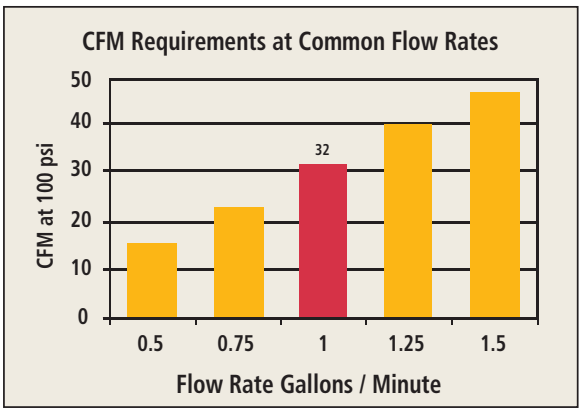
With the Guardian A6 air powered spray system - you will need more air than the 15 cfm necessary for Hydraulic or Electric spray equipment.

But, the additional volume of air needed is minimal!

Based on typical spray applications, dispensing 1 gallon (10 pounds) of material per minute, you will only require 17 additional cfm of air for operation of the Guardian A6 spray system compared to Hydraulic or Electric powered machines.

This additional cfm of air will have minimal effect on:
- The size (horsepower) compressor you select
- The footprint of that compressor
- And most importantly, the cost of that compressor

With the addition of a few more cfm in air supply, you gain the outstanding performance characteristics of the Guardian Air Powered Spray System.



Guardian A6 Series...
Economy Without Compromise

In the selection of spray equipment for polyurea coatings applications, if financial constraints were not an issue, most contractors would select a TIER #1 – hydraulic powered spray system. But, in many instances, with a new start-up or expansion of an existing business, there are certain budgetary considerations. When a TIER #1 - hydraulic machine is not a possibility, there are several TIER #2 level machines available.

Unfortunately, with most TIER #2 spray systems, the major components and overall performance characteristics are far below those of TIER #1 - hydraulic machines.

This is not the case with the Guardian A6!

All of the components on the Guardian A6, the fluid sections, primary heaters, hose heat, hoses and solid state electronics package are identical to those on the TIER #1 - MH II and MH III hydraulic equipment.

With electric powered TIER #2 spray systems, the compromise in features and performance can be quite pronounced and a hindrance to quality applications.

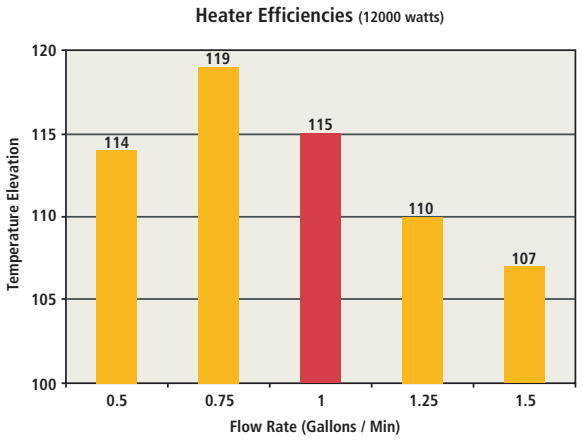
There is no compromise in the quality, reliability, spray characteristics, excellent mix of materials, and overall performance, when you select the Guardian A6 polyurea spray system!

Modular High Efficiency Heaters

The Guardian high efficiency heaters are designed to deliver fast, accurate and continuous heat to the material at any flow rate. The fluid passage in the heater provides for extended dwell time thus achieving the highest △T levels.

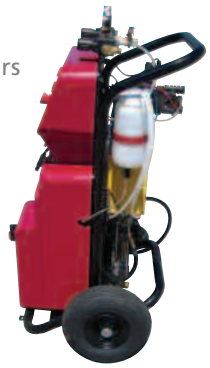
The Guardian A6 can be ordered with the standard 6000 watt primary heat package, or at a very economical price, the Guardian A6 can be ordered in a 12000 watt configuration.

The Iso & Poly heaters have independent solid state LED controllers, so different temperature settings can be selected for the materials.



Design Performance Features

- Compact, portable design - Only 29"(73 cm) wide - will fit through most doorways.
- Abrasion resistant fluid section seals, piston and cylinder - low maintenance and long life.
- Solid state electronics - durable and reliable when compared to printed circuit board technology.
- Consistent air pressure from the Guardian air motor and instantaneous reversing delivers uniform fluid / mixing pressure to the spray gun. There is no lead / lag or pressure drops that can adversely affect the mix of the A & B materials.
- The Guardian A6 only requires an additional 17 cfm of air compared to an electric drive spray system. This represents an insignificant difference in the size and cost in the air compressor needed to power the machine.
- Configuration of the Guardian A6 allows for fast & easy access to all components for inspection or service.
- Flow rates - material outputs from < 0.5 to 2 gal / min (2 to 8 l / min) can be achieved with the Guardian A6. It delivers outstanding performance on both large and small jobs.
- Cost of operation - the initial cost of the Guardian A6 is very attractive. Even more value is realized in its rugged design, low parts consumption, and economical long term operation.

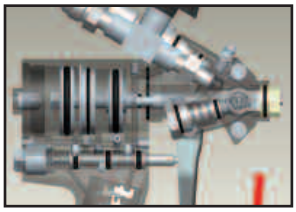


SYSTEM SPECIFICATIONS

Maximum Output	20 lbs / 9 kg per minute	
Maximum Automatic Heated Hose Length	310 ft / 95 m	
Primary Heater	A6-6000 - 3000 watts per side (6000 watts total heat) A6-12000 - 6000 watts per side (12000 watts total heat)	
Maximum Material Temperature	190°F / 88°C	
Electrical Requirements	**A6-6000** Single Phase 220 VAC 50 amp 50 / 60 Hz	**A6-12000** Single Phase 220 VAC 75 amp 50 / 60 Hz
	Three Phase 220 VAC 25 amp 50 / 60 Hz	Three Phase 220 VAC 35 amp 50 / 60 Hz
	Three Phase 380 VAC 25 amp 50 / 60 Hz	Three Phase 380 VAC 35 amp 50 / 60 Hz
Total Air Requirements at 1 gpm (3.8 lpm) Output	33 cfm @ 100 psi 834 l / min @ 6.8 bar Includes air transfer pumps	
Maximum Spraying Pressure	2200 / 3000 psi	
Digital Controllers	Independent Digital Controllers for Iso, Poly, and hose heat	

Probler P2

- Lightweight ergonomic design
- Dual piston triggering - 300 psi activation power
- 2 piece mixing chamber
- Grease fitting - fast daily maintenance
- Internal check valve - liquid will not enter air passages of the gun
- Quick / easy change of dispense nozzles



23976-00
Does not include tip

FLAT SPRAY ADAPTER KIT

23436-03

RECIRCULATION KIT

23960-XX

MIXING CHAMBER

23977-XX

MIXING CHAMBER INSERT

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