

# Guardian A6 Series

**GlasCraft**  
DISPENSING EXCELLENCE

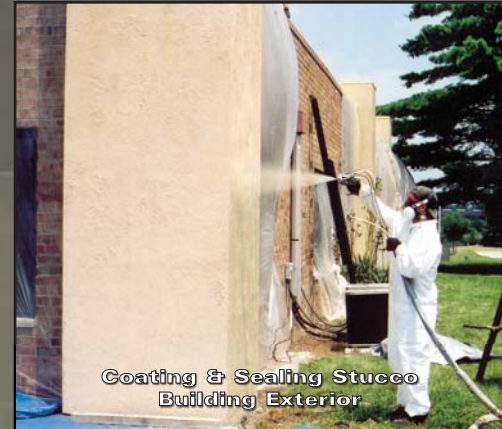
Dispensing systems to apply Polyurea & Elastomeric Coatings



Protective Coating - Metal Tank



Protective Coating - Pipeline



Coating & Sealing Stucco Building Exterior



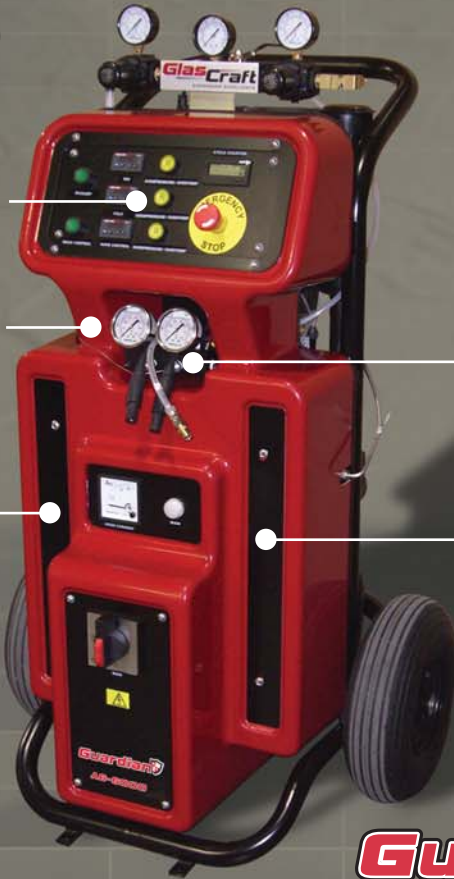
Independent Digital Controllers for Iso, Poly, & Hose Heat

Optional Iso Piston Lubrication System

Compact, Portable Design is Able to Fit Through Doorways

Over 300 Feet of Heated Hose Capabilities

Modular Heater System in 6000 watt or 12,000 watt



Construction Equipment



Water Proofing Foundation

**Guardian**



Secondary Containment Water Treatment



Roof Coatings



Secondary Containment Petroleum

# Guardian A6 Series

## Bigger is Better!!!

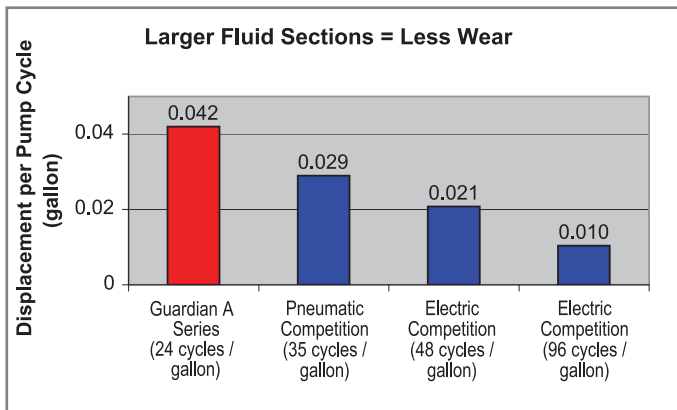
GlasCraft's fluid pumps are 200% to 400% larger than the competition. GlasCraft pumps cycle 50% to 75% less than the competition.

The large size of GlasCraft's fluid pumps means that the same amount of material is pumped using less pump cycles, with less wear and tear on the seals, and resulting in less maintenance and machine downtime than the competition.

Advantages of a larger fluid section that impact both performance and your pocketbook are:

- Fewer stroke changes results in less stress and wear on pump seals. This means longer seal life, less maintenance, and more machine uptime!
- Less pressure drop at trigger pull.

Fluid section displacement per cycle -  
 24 cycles = 1 gallon (.042 gallon / cycle)  
 6.25 cycles = 1 liter (.161 liter / cycle)



## Design Performance Features

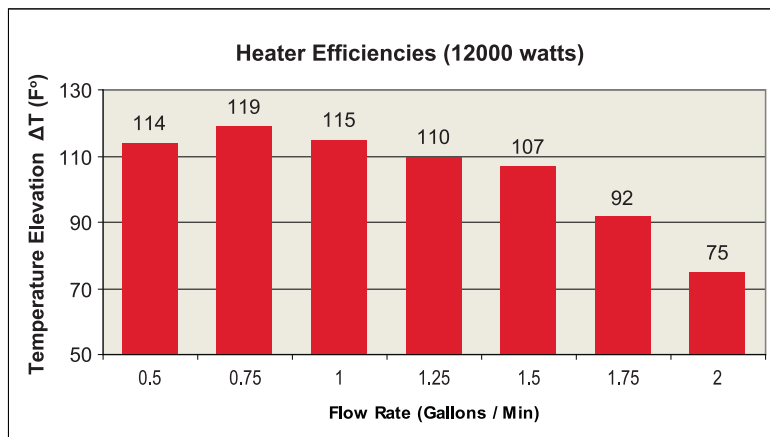
- Output range < 0.5 to 2.0 gal / min (2 to 8 liters / min)
- Maximum fluid pressure - 2200 / 3000 psi
- Maximum hose length - 310' heated hose
- 6000 or 12000 watt high-efficiency heaters
- LED cycle counter for easy calculation of material usage
- Independent ISO, Poly & Hose heat controllers
- Overpressure / overtemperature safety circuits
- Retract switch for the air motor = a quick and easy device to always keep your pumps in the down position at the end of the day
- Compact, portable design - Only 29" (73 cm) wide - will easily fit through most doorways
- Abrasion resistant fluid section seals, piston and cylinder = low maintenance and long life
- Solid State Electronics = durable & reliable performance
- Consistent air pressure from the Guardian A6-series 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
- Configuration of the Guardian A6-series allows for fast & easy access to all components for inspection or service
- 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

## Modular High Efficiency Heaters

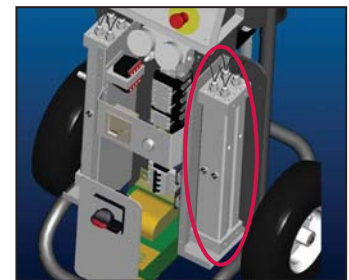
The Guardian high efficiency heaters are designed to deliver fast, accurate and continuous heat to the material at any flow rate. The fluid passage in the heater provides for extended dwell time thus achieving the highest  $\Delta T$  levels.

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.

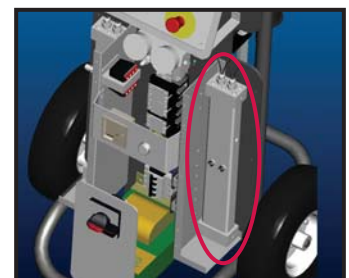


Guardian A6 with modular heaters



Model A6 - 12000

6000 watts



Model A6 - 6000



## 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 section, 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.

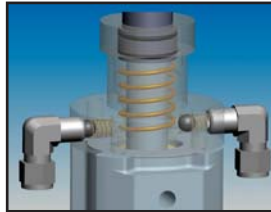
With electric powered TIER #2 spray systems, the compromise in features and performance can be quite pronounced and a hindrance to quality applications.

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!

## Piston Lubrication

P/N 23795-00 (Factory Installed Option)

The new ISO piston lubrication system is an enclosed piston lubrication system that circulates pump lubricants in a sealed environment, providing longer seal life and further reducing scheduled maintenance requirements.



*Installed with optional ISO Piston Lubrication System*

## SYSTEM SPECIFICATIONS

	Guardian A6-Series	
	A6 - 6000	A6 - 12000
<b>Maximum Output</b>	22 lbs (10 kg) / minute	22 lbs (10 kg) / minute
<b>Maximum Pressure</b>	3000 psi / 190 bar	3000 psi / 190 bar
<b>Pneumatic Motor</b>	6" (15.25 cm)	6" (15.25 cm)
<b>Standard Hose Length</b>	50 ft / 16 m per section	50 ft / 16 m per section
<b>Maximum Hose Length (including whip)</b>	310' (64m)	310' (64m)
<b>Primary Heater</b>	6000 watts	12000 watts
<b>Maximum Material Temperature</b>	190° F / 88° C	190° F / 88° C
<b>Electrical Requirements</b>	Single Phase 220 VAC 50 amp 50 / 60 Hz  Three Phase 220 VAC 25 amp 50 / 60 Hz  Three Phase 380 VAC 25 amp 50 / 60 Hz	Single Phase 220 VAC 75 amp 50 / 60 Hz  Three Phase 220 VAC 35 amp 50 / 60 Hz  Three Phase 380 VAC 35 amp 50 / 60 Hz
<b>Fluid Section Displacement</b>	.042 gallons per cycle / 24 cycles = 1 gallon 159 cc per cycle / 6.25 cycles = 1 liter	
<b>Pump Stroke Length</b>	4" / 10.2 cm	4" / 10.2 cm
<b>Air Requirement at 1 gal / min Output (3.8 liters / minute)</b>	18 cfm @ 100 psi 906 liters / min @ 6.8 bar does not include air transfer pumps	
<b>Air Requirement at Maximum Output</b>	47 cfm @ 100 psi 1330 liters / min @ 6.8 bar Add 15 cfm for transfer pumps	
<b>Piston Lubrication System</b>	Optional	Optional
<b>Off Ratio Protection</b>	Pressure sensors with over pressure shutdown prevents off ratio dispensing.	
<b>Hoses</b>	Digital controller keeps hoses at the set temperature and eliminates temperature guesswork.	
<b>Electronics</b>	Durable solid state electronics are built for the toughest applications.	
<b>Safety</b>	Factory set over-pressure and over-temperature shutdown systems are standard.	

## Typical Applications for Guardian A6-series

Guardian A6-6000  
or Guardian A6-12000

- Secondary Containment
- Water Proofing concrete
- Reservoir Lining
- High Performance Seamless Membrane
- Heavy Equipment
- High Pressure Truck Bed Liners
- Building Exteriors
- Roof Coatings
- Pipeline Coating



*Protective Coating - Concrete Floor.*



*Seamless Protection*



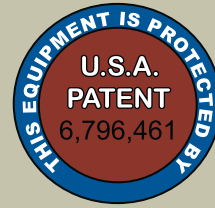
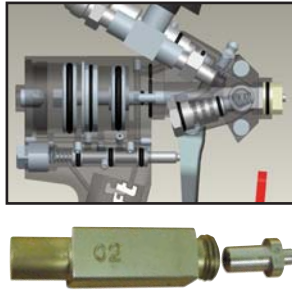
*Seamless Polyurea Reservoir Lining*



*High Pressure, Spray-On Bed Liner*

## Probler P2

- Lightweight ergonomic design
- Dual piston triggering - 300 pounds 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



**GlasCraft**  
DISPENSING EXCELLENCE

5845 West 82nd Street  
Indianapolis, IN 46278

Phone: 317-875-5592  
Fax: 317-875-5456  
Email: sales@glascraft.com

[www.glascraft.com](http://www.glascraft.com)



a COHESANT company

© 2007 GlasCraft, Inc.



**23976-00**  
Does not include tip

**FLAT SPRAY ADAPTER KIT**



**23990-XX**

**AUTOMATIC (REMOTE TRIGGER) P2**



**23940-XX**

**PROBLER P2 ELITE HORIZONTAL HOSE CONFIGURATION**



- |                 |                 |
|-----------------|-----------------|
| <b>23960-AA</b> | <b>23977-AA</b> |
| <b>23960-00</b> | <b>23977-00</b> |
| <b>23960-01</b> | <b>23977-01</b> |
| <b>23960-02</b> | <b>23977-02</b> |
| <b>23960-03</b> | <b>23977-03</b> |
| <b>23960-04</b> | <b>23977-04</b> |
| <b>23960-05</b> | <b>23977-05</b> |

**MIXING CHAMBER AND INSERT**



**23986-00**

**OPTIONAL STATIC MIXER**



**23940-XX**

**PROBLER P2 ELITE VERTICAL HOSE CONFIGURATION**