



**POLYURETHANE  
MACHINERY  
CORPORATION**



# “CLASSIC” PMCA SERIES

**AIR DRIVEN PROPORTIONER FOR FOAM AND COATINGS**

- Air Driven Proportioner
- Opposed Piston Metering Pumps
- New Pump Base Design
- Digital Automatic Temperature control for superior control of material processing
- Open Frame Design
- Point to Point Wiring
- Heater Options, Pressure Ranges and Ratio options to process most Foam and Coatings
- Automatic ISO Lube System
- Hose Heat Tap Setting



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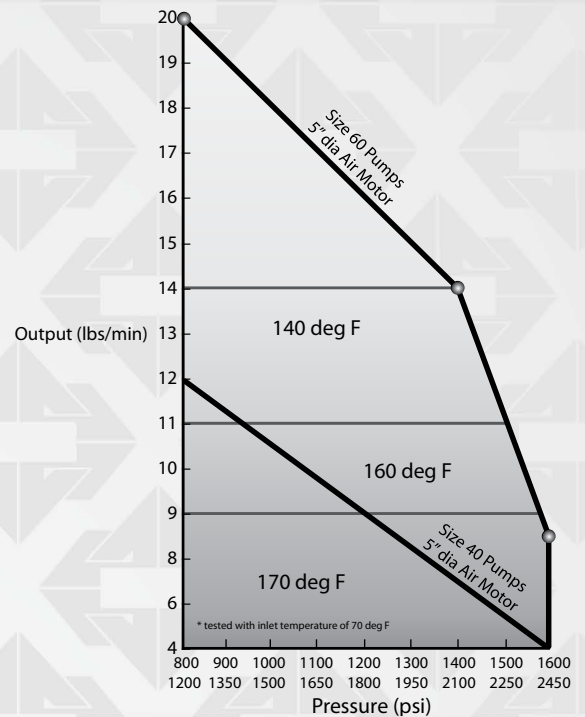
## SPRAY FOAM APPLICATIONS



# TECHNICAL DATA: "CLASSIC" SERIES PMCA

## PMCA Series Air Proportioner

MODEL	PMCA-20 1600	PMCA-20 2400
Output	20 lbs/min	1.2 gal/min
Max. Working Pressure	1600 PSI	2400 PSI
Max. Hose Length	310 ft	310 ft
Heater Wattage	7,500 watts (Total)	7,500 watts (Total)
Hose Heating Power	90 Volts	90 Volts
Maximum Fluid Temperature	190 Degrees F	190 Degrees F
Weight	250 lbs	250 lbs
Electrical	45 amps @ 1x230V	45 amps @ 1x230V
Air Consumption @ 100 PSI	26 scfm	26 scfm



## STANDARD FEATURES

**The PMCA "Classic" Series Air Driven Proportioner is "Designed with the Customer in Mind" to provide applicator friendly and serviceability at an economical price to meet today's market place demands.**

**Air Driven Proportioner:** Double ended piston air driven motor.

**Opposed Piston Metering Pumps:** The horizontal configuration of these in-line metering pumps helps to eliminate uneven loading during the pumping cycle. Provides minimal fluctuations in spray pressures.

**New Pump Base:** The Newly Designed Pump Bases ensure pressure stability throughout the cycle and provide user friendly access for preventive maintenance.

**Digital Automatic Temperature Control:** Digital controllers allow the operator to precisely program the set temperature to suit the chemical system being used. Used in concert with the Newly Designed PMC Temperature Sensing Unit (TSU), the Classic Series will provide accurate and consistent Hose Heat to insure the most effective yield for your product under varying conditions.

**Open Frame Design:** Allows the operator full view and easy access to all the critical components of the proportioner.

**Relay Logic Control:** Point to point wiring in series with relays and circuit breakers minimize the use of printed circuit boards in all control functions.

**Heaters:** The PMCA Series is available with one mass aluminum heater per unit for consistent heating.

**Ratio:** Standard Classic units are sold with a 1:1 Ratio.

**ISO Lube System:** Standard on all GH series units to help flush the ISO pump shaft resulting in longer seal life.

**Heater Tap Settings:** Standard terminal block tap settings for your particular hose length.

## OPTIONAL EQUIPMENT

PMC Spray and Pour Guns  
Recirculation Blocks

Material Transfer Pumps for 55 and 30 Gallon Drums  
Ratio Testing Tool

Heater Hoses  
Replaceable TSU Probe