



# Reactor<sup>®</sup>

## A-20 Plural Component Proportioner



### Cost-effective, high-performance, air driven foam proportioner

- Great for residential foam insulation spraying
- Combines Gusmer's proven reliability with Graco's advanced performance and control
- Simple to operate and maintain
- Longer life and improved reliability

PROVEN QUALITY. LEADING TECHNOLOGY.



# Designed for easy operation and improved reliability

## Technical Specifications

Maximum output	20 lbs / min (9.1 kg/min)
Maximum fluid working pressure	2,000 psi (138 bar, 13.8 MPa)
Maximum inlet air pressure	120 psi (8.3 bar, 0.83 MPa)
Air consumption @ 100 psi	23 scfm (with Fusion® AP AR4242)
System air consumption @ 100 psi with 2:1 feed pumps	28 scfm at flow rate listed above
Maximum fluid temperature	180°F (82°C)
Maximum heater wattage	6,000 watts
Maximum hose length (3/8 ID plus 1/4 ID whip hose)	310 ft (95 m)
Power requirements	39A at 230V, 1-phase 22A at 230V, 3-phase 14A at 380V, 3-phase (4-wire)
Weight	250 lbs (114 kg)
Dimensions	39 H x 27 W x 25 D in (99 H x 69 W x 64 D cm)
Operation Manual	311511
Repair Manual	311512

## Ordering Information

### Graco Reactor A-20

- 253831 Bare proportioner for all voltages and phases
- 253834 System package. Includes Reactor A-20, 50 ft (15m) heated hose, 10 ft (3m) heated whip hose and Air Purge Fusion® gun with AR4242 (01) mix chamber.

## Upgrades and Features

### Improved Heater Design

Heats material quickly with 6,000 watts of heat – provides accurate heat control for reliable spraying in colder environments.

### Automatic Hose Heat Control

No transformer taps to change. Automatically powers up to 310 feet of hose.

### Power Conversion

Jumpers provided to easily adapt to different electrical supply voltages.

### Automatic Over-temperature Shutdown

Primary and hose heat circuit shutdown with resettable switches.

### New Solenoid Valve and Larger Air Lines

Increased airflow to air motor improves efficiency and increases output.

### ISO Pump Lube System

Recirculates TSL (Throat Seal Liquid) around the ISO pump seal. Prevents ISO from forming hard crystals on the pump rods.

### Ready to Spray

Basic unit includes inlet strainers, ball valves, air filter/water separator, and fluid temperature sensor for whip hose.

### Compact Design

- Portable, easy to move, and uses less floor space
- Bolt down or snap-in casters

### 3-Position Air Motor Control

Off/On/Start pump control with resettable power shutdown from overpressure condition

### Run/Park Control

Park the ISO pump rod in fluid to prevent ISO hardening and extend packing life.

### Recirculation Manifold

- Provides a quick, convenient way to balance system pressures
- Connect optional return hoses to supply drums for material drum pre-heating capability

### Digital Temperature Control

- For improved temperature accuracy, better material properties and increased yields

