



Reactor[®]

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

