



REACTOR™ E-10

Compact and Portable Plural-Component Proportioners



GRACO | GUSMER

PROVEN QUALITY. LEADING TECHNOLOGY.

Small ready-to-use systems with big results!

REACTOR E-10 PROPORTIONERS



Get in and get smaller jobs done fast without sacrificing performance. Graco's portable E-10 sprayers are ideal for plural-component spray, joint-fill jobs and touch-ups. With smart controls that are easy to setup and simple to operate, the E-10 is a natural complement to any proportioning equipment line-up.

- | Foam Insulation | Coatings |
|------------------------|--|
| • Rim Joists | • Small industrial jobs |
| • Roof patching | • Concrete joint filling and flooring applications |
| • Prep work | • Small tank spraying using cold spray polyurea |
| • Window repair | • Industrial maintenance |
| • High rise apartments | |

REACTOR™ E-10

PLURAL COMPONENT PROPORTIONER

Makes even small jobs profitable

POWER-PACKED WITH FEATURES

- 1 ELECTRIC POWER**
Low draw, plugs into standard outlet. Operates almost anywhere!
- 2 EASY CONTROLS**
Intuitive start, stop and digital temperature display with single knob operation
- 3 PRESSURE BALANCE VALVES**
Quick and easy balancing of system pressures
- 4 BALANCED PROPORTIONING**
Eliminates pressure fluctuations to give you a consistent spray pattern
- 5 EASY-TO-SERVICE FLUID SECTION**
Reduces maintenance and increases productivity
- 6 ELECTRIC MOTOR**
Improves performance and reduces operating costs
- 7 SELF-CONTAINED TRANSLUCENT MATERIAL TANKS**
See that you are spraying on-ratio
- 8 2-WHEEL CART**
Easy to maneuver up and down stairs, wherever the job goes
- 9 HEATERS & HOSE**
Up to 2000 watts to pre-heat circulating material



Model 249802

Advanced Features in a Flexible Package

- ▶ Small size is ideal for on-site portability and hard-to-reach areas
- ▶ One-person operation saves time and money
- ▶ Use as an add-on to your existing spray business
- ▶ Versatile – switch from cold spray to hot spray to foam
- ▶ Saves 30% on material costs compared to disposable foam systems



Selecting the Right Reactor E-10 System

STEP ONE

A Choose your Reactor E-10 Unit based on your material requirements.

REACTOR E-10 HEATED UNIT

Package units include:

35 feet of insulated hose bundled and a Fusion AP gun with an AW2222 mix chamber

| Package | Bare | |
|---------|--------|---|
| 249800 | 249570 | 120 Vac, with 2 separate, dedicated 15 A circuits, 1 phase, 50/60 Hz |
| 249802 | 249571 | 240 Vac, with 2 separate, dedicated 10 A circuits, 1 phase, 50/60 Hz* |
| 249804 | 249572 | 240 Vac, with a single, dedicated 20 A circuit, 1 phase, 50/60 Hz |

*Export unit

REACTOR E-10 UNHEATED UNIT

Package units include:

35 feet of insulated hose bundled and a 2K Ultra-Lite™ gun with a joint fill and cold spray kit

| Package | Bare | |
|---------|--------|---|
| 249806 | 249576 | 120 Vac, with a single, dedicated 15 A circuit, 1 phase, 50/60 Hz |
| 249808 | 249577 | 240 Vac, with a single, dedicated 10 A circuit, 1 phase, 50/60 Hz |

STEP TWO

Determine your power source.

- A WALL**
OR Use on-site power
- B GENERATOR**
Use a generator for even greater flexibility.
Wattage requirements:
 - Machine only: 5000 watts (heated unit)
 - Electric air compressor
 Check the manufacturing power requirements and add the air compressor to the Reactor E-10's wattage requirements for your total wattage
- C AIR COMPRESSOR**
Required for proper gun operation and activation

STEP THREE

Moving your material. Do you need an agitator or a feed pump?

- A 55 GALLON DRUMS**
Easily transfer material into 5 gallon pails or to the Reactor E-10 machine
- B TRANSFER PAILS**
Transport your material from a bulk supply to the Reactor E-10
- C AGITATOR**
Agitate your resin for consistent coating
- D ADDITIONAL HOSE SECTIONS**
Additional hose is available in 35 feet increments for a maximum of 105 feet
- E WASTE PAILS**
Waste pails are used for startup and shutdown



2A Readily Available Power Source

Determine what power is available in your location

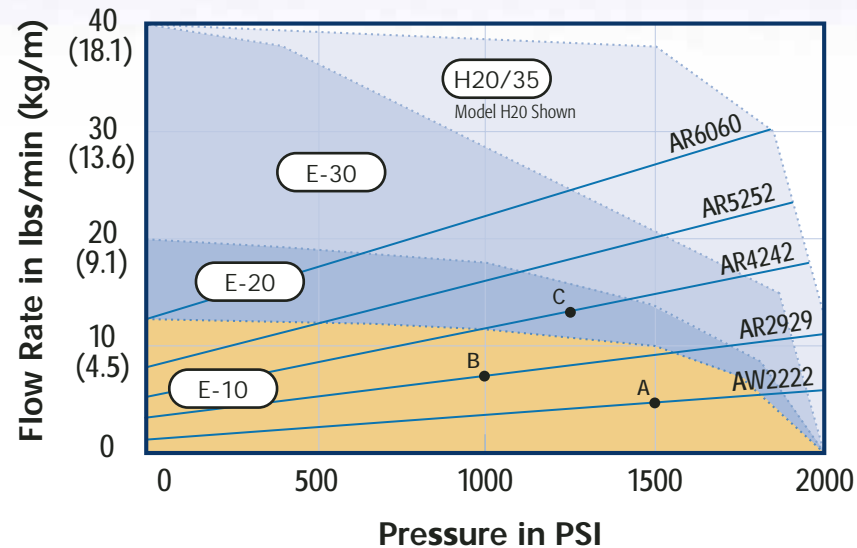


Single dedicated 20amp, 240volt circuit

2 separate dedicated 15amp, 120volt circuits or 10amp, 240volt circuits

Setting new standards in flexible proportioning

Portability, flexibility, precision and ease-of-use ... the Reactor E-10 meets a wide range of flow and performance requirements. Flow rates are based on a material viscosity of 60 cps.



HOW TO USE THIS CHART

- Select spray pressure
- Select mix chamber
- Choose Reactor model

Note: Darker shading includes Reactor models shown in lighter shaded areas.

EXAMPLES

- A** Mix chamber: AR2222
Pressure: 1500 psi
Flow rate: 5 lbs/min
Reactor E-10, E-20 and E-30
- B** Mix chamber: AR2929
Pressure: 1000 psi
Flow rate: 8 lbs/min
Reactor E-10, E-20 and E-30
- C** Mix chamber: AR4242
Pressure: 1250 psi
Flow rate: 12 lbs/min
Reactor E-20 and E-30

Graco|Gusmer high performance proportioners



| | MP unit | FF1600 | E-10 | E-20/E-30 | E-XP1/E-XP2 | H20/35 PRO |
|-------------------------------------|-----------------------------------|---------------------|-----------------------|----------------------|------------------------------------|------------------------------------|
| PRESSURE psi (bar, MPa) | 1600 (110, 11.0) | 1600 (110, 11.0) | 2000 (138, 13.8) | 2000 (138, 13.8) | 2500/3500 (172, 17.2/241, 24.1) | 2000/3500 (138, 13.8/241, 24.1) |
| FLOW RATE lb/min (kg/min) | 16 (7.3) | 16 (7.3) | 12 (5.4) | 18/34 (8.2/15.4) | 10/20 (4.5/9.1) | 38/24 (17.2/11.0) |
| HEATER WATTAGE | N/A | 5 Kw | 1700w heated 2000w | 6 Kw/10.2 Kw | 10.2 Kw/15.3 Kw | 12 Kw/18 Kw |
| AMP DRAW Single Phase | - | 40 amps | See Tech Specs | 48/78 amps | 69/100 amps | 100/74 amps (3 phase) |
| WEIGHT lbs (kg) | 80/100 w/tanks (36/45 w/tanks) | 140 (64) | 160 (72) | 340/400 (154/181) | 342/438 (155/199) | 735 (333) |

Technical Specifications

Reactor E-10

Maximum fluid working pressure2000 psi (140 bar, 14 MPa)
 Maximum fluid temperature150° (68°)
 Maximum output12 lb/min (5.4 kg/min) at 340 cycles/min
 Output per cycle (A and B)0.00352 gal (.0133 l)
 Heater power
 120V models850 W each; 1700 W total
 240V models1000 W each; 2000 W total
 Sound power, per ISO 9614-286 dB(A) at 2000 psi
 (140 bar, 14 MPa), 0.4 gpm (1.5 lpm)
 Tank capacity7 gal. (26.5 liters) each (nominal)
 Fluid outlets and returns*A" 1/4 I.D. #5 JIC
 *B" 1/4 I.D. #6 JIC
 Fluid component markings
 A SideRed
 B SideBlue
 Weight
 Heated units160 lb (72 kg)
 Unheated units150 lb (68 kg)
 Dimensions44 in. H x 26.5 in W x 30 in. D
 (112 cm H x 67 cm W x 76 cm D)
 Wetted partsAluminum, stainless steel, carbon steel, brass,
 carbide, chrome, chemically resistant o-rings,
 PTFE, ultra-high molecular weight polyethylene

Instruction manuals

Displacement pump parts311076
 Fluid heater311210
 Fusion air purge spray gun309550
 Fusion mechanical purge spray gun309856
 2K Ultra-Lite parts309000
 2K Ultra-Lite cold spray and joint fill kits311230

Air consumption

Unheated joint fill units2 cfm @ 100 psi (70 bar, 7 MPa)
 Unheated cold spray units16 cfm @ 100 psi (70 bar, 7 MPa)
 Heated units with Fusion gun2.5 cfm @ 100 psi (70 bar, 7 MPa)

Power requirements*

Package Bare
 249800 2495703500 watts
 249802 2495713800 watts
 249804 2495723800 watts
 249806 2495761800 watts
 249808 2495771800 watts

*When sizing the generator, make sure to consider all power requirements for the job

Hose length

Maximum105 feet (33m)
 Minimum35 feet (10m)

Ordering Information

E-10 Systems

249800 120V, heated, 2 cord, 35 ft 5-hose bundle, AP gun
 249802 240V, heated, 2 cord, 35 ft 5-hose bundle, AP gun
 249804 240V, heated, 1 cord, 35 ft 5-hose bundle, AP gun
 249806 120V, ambient, 35 ft 3-hose bundle,
 2K Ultra-Lite gun, complete kit
 249808 240V, ambient, 35 ft 3-hose bundle,
 2K Ultra-Lite gun, complete kit

E-10 Bare Proportioners

249570 120V heated, (2) 15A cords, 1,700 W
 249571 240V heated, (2) 10A cords, 2,000 W
 249572 240V heated, (1) 20A cord, 2,000 W
 249576 120V Unheated, (1) 15A cord
 249577 240V Unheated, (1) 10A cord

Accessories

Applicator Assembly

249810 Fusion AP gun, AW2222 (with 4-hose manifold)
 249815 Fusion MP gun, XF2323/FTM438 (with 4-hose manifold)
 249591 2K Ultra-Lite complete valve kit (with cold spray and joint fill)
 249634 2K Ultra-Lite valve cold spray kit (complete, ready to spray)
 249635 2K Ultra-Lite valve joint fill kit (complete, ready to dispense)

Hoses

249499 Five hose insulated (heated packages) with air,
 35 ft (10.6 m) sections, 1/4 in (6 mm)
 249633 Three hose (unheated packages), with air,
 35 ft (10.6 m) sections, 1/4 in (6 mm)

Repair Kits

249853 Air filter/water separator kit
 249855 Pump repair kit
 249835 2K restrictor outlet kit (front end for 2K bare valve)
 120042 1/4 I.D. x 24 spray disposable mixer (bag of 50)
 for both cold spray and joint fill units
 120043 Spray mixer adapter kit, round pattern (bag of 5)
 120044 Cap, air spray, for mixer adapter (bag of 5)
 249765 Restrictor kit, 2K Ultra-Lite valve (mix of restrictors)
 for balancing pressures
 249508 Hose, A ISO, 35 ft., coupled
 249509 Hose, B resin, 35 ft., coupled
 15G342 Hose, air, 35 ft., coupled
 119974 E-10 desiccant dryer

ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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