



# 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

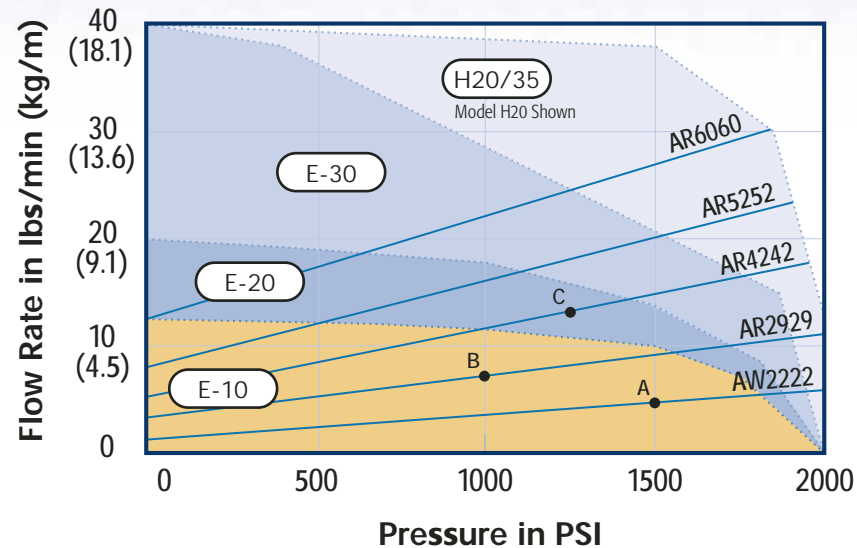


Single dedicated 20amp, 240volt circuit

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
<b>PRESSURE</b> 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)
<b>FLOW RATE</b> 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)
<b>HEATER WATTAGE</b>	N/A	5 Kw	1700w heated 2000w	6 Kw/10.2 Kw	10.2 Kw/15.3 Kw	12 Kw/18 Kw
<b>AMP DRAW</b> Single Phase	-	40 amps	See Tech Specs	48/78 amps	69/100 amps	100/74 amps (3 phase)
<b>WEIGHT</b> 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 pressure .....2000 psi (140 bar, 14 MPa)  
 Maximum fluid temperature .....150° (68°)  
 Maximum output .....12 lb/min (5.4 kg/min) at 340 cycles/min  
 Output per cycle (A and B) .....0.0352 gal (.0133 l)  
 Heater power  
     120V models .....850 W each; 1700 W total  
     240V models .....1000 W each; 2000 W total  
 Sound power, per ISO 9614-2 .....86 dB(A) at 2000 psi  
     (140 bar, 14 MPa), 0.4 gpm (1.5 lpm)  
 Tank capacity .....7 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 Side .....Red  
     B Side .....Blue  
 Weight  
     Heated units .....160 lb (72 kg)  
     Unheated units .....150 lb (68 kg)  
 Dimensions .....44 in. H x 26.5 in W x 30 in. D  
     (112 cm H x 67 cm W x 76 cm D)  
 Wetted parts .....Aluminum, stainless steel, carbon steel, brass,  
     carbide, chrome, chemically resistant o-rings,  
     PTFE, ultra-high molecular weight polyethylene

### Instruction manuals

Displacement pump parts .....311076  
 Fluid heater .....311210  
 Fusion air purge spray gun .....309550  
 Fusion mechanical purge spray gun .....309856  
 2K Ultra-Lite parts .....309000  
 2K Ultra-Lite cold spray and joint fill kits .....311230

### Air consumption

Unheated joint fill units .....2 cfm @ 100 psi (70 bar, 7 MPa)  
 Unheated cold spray units .....16 cfm @ 100 psi (70 bar, 7 MPa)  
 Heated units with Fusion gun .....2.5 cfm @ 100 psi (70 bar, 7 MPa)

### Power requirements\*

Package Bare  
 249800 249570 .....3500 watts  
 249802 249571 .....3800 watts  
 249804 249572 .....3800 watts  
 249806 249576 .....1800 watts  
 249808 249577 .....1800 watts

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

### Hose length

Maximum .....105 feet (33m)  
 Minimum .....35 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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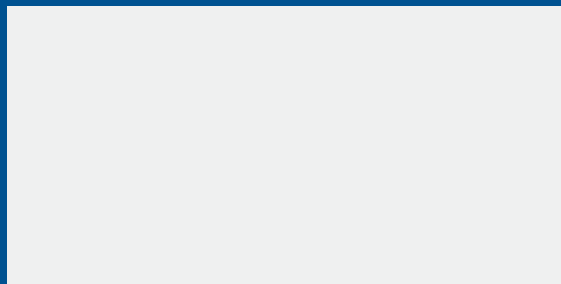
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