ExactaBlend™ AGP

Advanced Glazing Proportioner for Sealants and Adhesives



Superior mixing and ratio assurance for the glass industry

- Optimal mixing and on-ratio proportioning capabilities for quality assurance
- Quick and easy base purge reduces material waste
- Optional data download provides reports on ratio, flow rate and material usage
- Angle adapter kit makes work easier and more comfortable
- Easy to operate

PROVEN QUALITY. LEADING TECHNOLOGY.

The Graco ExactaBlend™ AGP (Advanced Glazing Proportioner) provides on-ratio dispensing of two-component sealants and adhesives for curtainwall, insulating glass and other applications. The variable ratio ExactaBlend AGP offers advanced technologies at an affordable price.

Real-time ratio assurance means less waste, more profits

The ExactaBlend AGP provides accurate, on-ratio mixing and a consistent flow rate, even during pump changeover. The system monitors the flow rate of the base material and automatically adjusts the catalyst flow rate to achieve an on-ratio dispense. It also:

- Provides automatic shut-down if off-ratio conditions occur
- Cuts material waste and reduces rework for a healthier bottom line

Optimal mix for quality assurance

With the ExactaBlend AGP, each ounce that is dispensed is properly mixed. A better mix results in material that cures evenly and with no soft spots.

- Ultimately reduces the chance of seal failure on insulating glass
- Results in better quality end products

Dispense at a more comfortable angle

We know certain applications require challenging dispense angles, which often creates an uncomfortable experience for the applicator. Our additional Angled Adapter Kits at 25º, 15º and 5º angles for the MD2 dispense gun make your job easier and more comfortable.



Easy to operate



Compared to traditional proportioners with mechanical linkage and rocker arms, the system's electronic controls take the guesswork out of setting the ratio.

- Quick and easy setup – operator simply enters the ratio setting
- Easy to switch ratio settings

Reduces wasted material

When the ExactaBlend AGP is coupled with the MD2 Valve, the catalyst and base materials are blended together in the mixer – apart from the applicator. This reduces the amount of base purge material needed to clean the mixer. In addition, using the MD2 Valve helps prevent damaging the applicator and hoses with cured material.

- Base purge is fast, clean and easy with the simple touch of a button

Optional data reporting

An optional USB data download lets you verify that the material was dispensed properly. Reports provide you with date and time, plus:

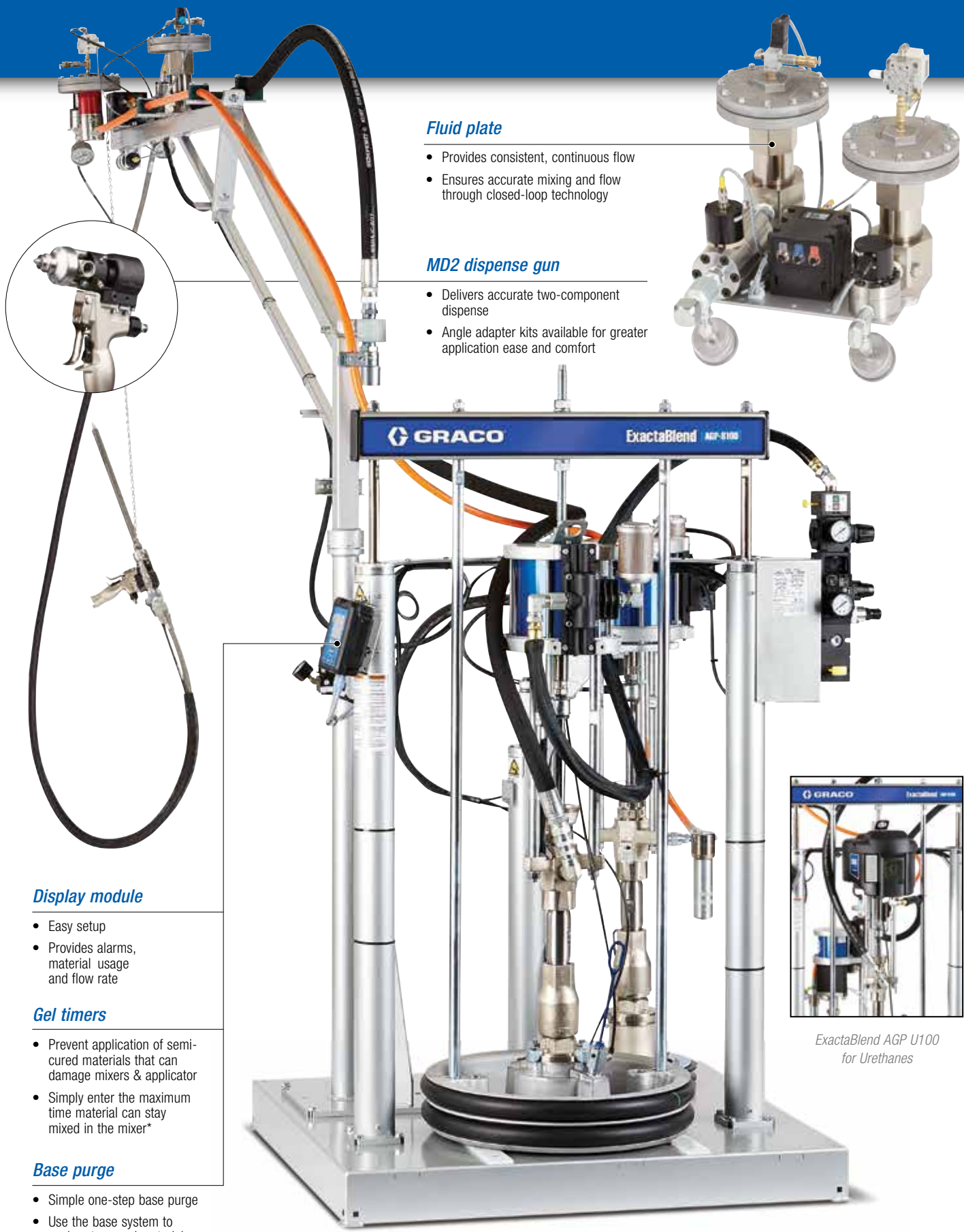
- A & B material usage
- Alarm events
- Flow rate
- Ratio

TYPICAL MATERIALS

Silicones, Urethanes, Polysulfides

TYPICAL APPLICATIONS

– Insulating glass sealant
– Structural glazing for curtainwall
– Window glazing or back bedding
– Cartridge fill
– Specialty glass



Fluid plate

- Provides consistent, continuous flow
- Ensures accurate mixing and flow through closed-loop technology

MD2 dispense gun

- Delivers accurate two-component dispense
- Angle adapter kits available for greater application ease and comfort

Display module

- Easy setup
- Provides alarms, material usage and flow rate

Gel timers

- Prevent application of semi-cured materials that can damage mixers & applicator
- Simply enter the maximum time material can stay mixed in the mixer*

Base purge

- Simple one-step base purge
- Use the base system to push out unused material

ExactaBlend AGP U100 for Urethanes

ExactaBlend AGP S100 for Silicones and Polysulfides

**Typically1/3 to 1/2 the snap time*

Actual components vary depending on model purchased

Ordering Information

Graco ExactaBlend AGP Base Proportioners

All units are shipped with supply hoses from the pumps to the fluid plate.

Silicone Proportioners

24R809	Base proportioner with boom
25A476	Base proportioner with boom-less one lower wiper
24R810	Base proportioner

Urethane Proportioners

24R811	Base proportioner with boom
24R812	Base proportioner
24R813	Base proportioner with boom, pressure pot and agitator
24R814	Base proportioner, pressure pot and agitator

Polysulfide Proportioners

24R815	Base proportioner with boom
24R816	Base proportioner

Dispense Valves

24P217	MD2/Pneumatic Handle
24P223	UL6000/Flex Mixer
24P221	UL6000/Tri-Core Mixer HP

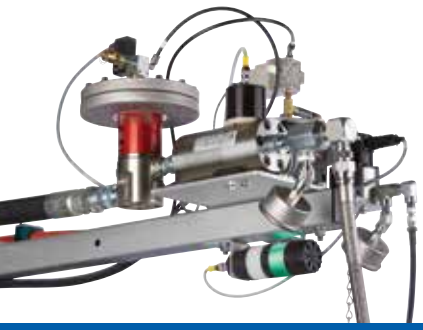
MD2 Angle Kits

24W045	25º angle adapter kit
24W046	15º angle adapter kit
24W047	5º angle adapter kit

Hose Bundles

Bundle includes one base hose and two catalyst hoses. Base hoses are 10 ft (3 m) in length, 5/8 in (16 mm) diameter. Catalyst hoses are 5 ft (1.5 m) in length and vary in diameter.

24R832	Hose kit #1. Base hose plus catalyst hoses of 1/8 in (3 mm) and 1/8 in (3 mm) diameter
24R833	Hose kit #2. Base hose plus catalyst hoses of 1/4 in (6 mm) and 1/8 in (3 mm) diameter
24R834	Hose kit #3. Base hose plus catalyst hoses of 1/4 in (6 mm) and 1/4 in (6 mm) diameter
24T092	Hose kit #4. Base hose plus catalyst hoses of 3/8 in (9 mm) and 1/4 in (6 mm) diameter
24T093	Hose kit #5. Base hose plus catalyst hoses of 1/8 in (3 mm) and 3/32 in (2 mm) diameter
24T094	Hose kit #6. Base hose plus catalyst hoses of 1/2 in (13 mm) and 3/8 in (9 mm) diameter
24U253	Hose kit #7. Base hose plus catalyst hoses of 3/32 in (2 mm) and 3/32 in (2 mm) diameter
25A426	Hose kit #8. Base hose plus catalyst hose of 3/32 in (2 mm) by 15 ft (4.5 m)



The system's green light tells you that materials are being dispensed on-ratio.

Accessory Kits

24R777	Ratio Check
24R804	Restrictor
24R870	Heat Box
24R935	Low Level
24R936	USB Module
24T091	Casters

Mixers and Nozzles

24R682	Tri-Core mixer for high flow
948081	Tri-Core mixer for low flow
512286	1/2 x 36 element mixer
16T003	1/2 x 36 element shroud
512289	1/2 x 30 element mixer
16T002	1/2 x 30 element shroud
512288	1/2 x 24 element mixer
16T001	1/2 x 24 element shroud
127160	10 mm x 12 element mixer
16V841	10 mm x 12 element mixer shroud
24T035	10 mm x 12 element mixer shroud with 1/4 pt(f) outlet
512135	Nozzle, UL6000
24T250	10 mm x 12 element mixer, 25 qty
24T251	10 mm x 12 element mixer, 50 qty

Technical Specifications

Typical ratios by weight (silicone and polysulphide)	6:1 to 14:1
Typical ratios by weight (urethane)	12:1 to 20:1
Min. flow rate*	500 g/min
Max. flow rate*	4,000 g/min
Max. working pressure:	
UL6000 valve	4000 psi (276 bar, 27.6 MPa)
MD2 Valve	3000 psi (207 bar, 20.7 MPa)
Fluid outlet base	1/2 npt (f)
Fluid outlet catalyst	1/4 npt (f)
Air inlet	3/4 npt (f)
Boom height	108 in (274 cm)
Boom reach	96 in (244 cm)
Ram height (raised)	102 in (259 cm)
Ram height (lowered)	63 in (160 cm)
Weight	865 lb (390 kg)
Width x depth (base)	40 x 42 in (101 x 107 cm)
Wetted parts	Stainless steel, carbon steel (zinc, nickel or chrome plated), aluminum, nitrile, neoprene, nylon, UHMWPE, PTFE, tungsten carbide
Electrical requirements	90-264 VAC, 50/60 Hz, 1-ph, 4 amps max
Air pressure requirements	80 to 100 psi (6.0 to 7.0 bar/0.6 to 0.7 MPa)
Instruction manual	3A2894

**Flow rates are dependent on applicator, material viscosity and material temperature*

Contact us today!

For more information, e-mail info@graco.com,
call **844-241-5859** or visit us online at **www.graco.com/sae.**

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