



**EcoQuip<sup>®</sup>**

Vapor Abrasive<sup>®</sup> Blast Equipment



PROVEN QUALITY. LEADING TECHNOLOGY.

# EcoQuip Vapor Abrasive Blast Equipment

Maximum blast power, minimal dust

## Vapor Abrasive blasting: A cleaner, easier path to profitable results

No longer is it necessary to put up with the high cost of purchasing, cleaning up and disposing of large volumes of media to achieve quality results in record time.

EcoQuip's Vapor Abrasive technology gives you an equally powerful blast that works quickly like dry blasting, but requires a fraction of the media and the time required to clean it up. That leaves you with savings in material, labor and disposal costs, which you can turn into profit.

## Less dust than dry blasting, less water than traditional water-based blasting

EcoQuip Vapor Abrasive technology differs significantly from dry, slurry and traditional water-based blast methods. EcoQuip employs its own patent-pending GRX Flow Dynamics technology, which optimizes the air, water and media ratio. The result is a fine mist with a blast that is powerful like the dry method, but with up to 92 percent less airborne dust.

Unlike conventional wet blasting, the mist expelled by EcoQuip quickly evaporates. No pools of water left behind. No toxic runoff to worry about. And because EcoQuip uses significantly less media than wet blasting, clean-up is minimal.\*

The result is a cleaner, better-contained process that current customers will appreciate and future customers will prefer.

*Individual results may vary. If hazardous materials are being blasted, containment or clean-up may be required.*

"The EcoQuip EQ600 was the only solution found that could clean the efflorescence of the stone buildings at Virginia Tech quickly and efficiently without damaging the stone, the mortar and the concrete cast. The versatility of the EQ600 to blast at extremely low pressures, and at the same time allow for a high volume rinse, gave us unbelievable results."

- David J. Funk,  
D&D Solutions

"Before we got EcoQuip, we blasted at night to avoid complaints about the dust. Now we can blast during the day, which is much more convenient, and air quality during blasting is much better."

- Frank Wheatley,  
Colonna's Shipyard Inc.

"We used an EcoQuip vapor blast unit to blast the interior of a building. The dust was very well-contained and we had a lot less water runoff than with wet abrasive units we have used in the past."

- Anthony Russo,  
Brock Services LLC

## Three-Year Extended Warranty

Graco stands behind every piece of equipment it manufactures. EcoQuip offers a three-year extended warranty, the longest in the blasting industry. See product manuals for specific warranty details.



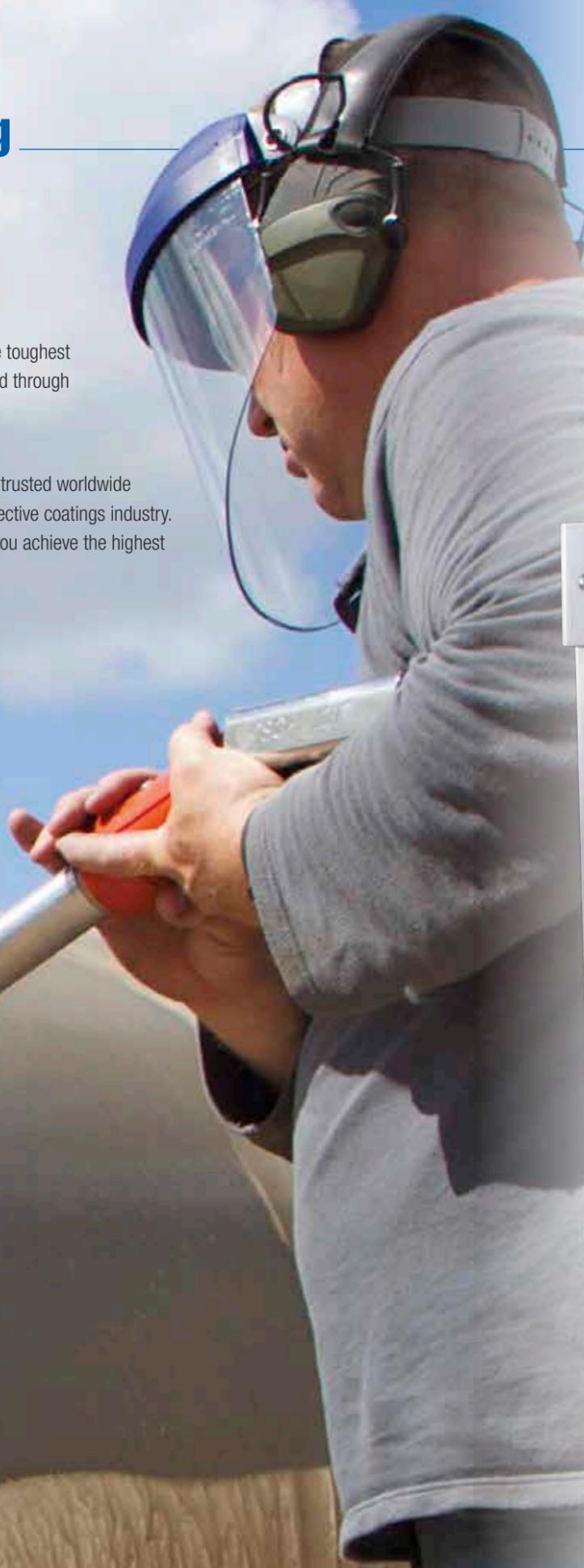
*Third party testing supports the fact that EcoQuip suppressed up to 92 percent of airborne dust compared to dry blasting on steel.*

# EcoQuip's Quality of Manufacturing

## Built to take a beating

EcoQuip is built by Graco entirely of heavy-duty stainless steel crash frames to withstand the toughest conditions and provide years of solid service. When it is time for servicing, help is easy to find through Graco's worldwide distribution and service network.

Graco is a leading manufacturer of fluid handling equipment. Since 1926, Graco has been a trusted worldwide supplier to industries that rely on high quality, well-engineered machinery, including the protective coatings industry. We understand the challenges faced by today's contractor and create durable tools to help you achieve the highest quality results and the greatest success possible.



### 3-year warranty\*

- Extra-long reliability support
- An industry first

\* Please see warranty for complete details

### Patented system design

- Lightweight
- Maneuvers easily in space-restricted locations

### Galvanized blast pot

- Long-lasting quality and performance

### Safety-minded design

- Standalone units stack safely for warehousing
- 5x safety rated frame

### DataTrak™

- Helps achieve optimal blast
- Schedule appropriate maintenance intervals
- Achieve better quality control

### Easy-access servicing

- Controls conveniently located together



### Heavy duty frame

- Rugged stainless steel frame and components

### GRX Flow Dynamics

- Patent-pending technology for an optimal blast mix

### Achieves industry standards

- NACE No. 1
- SSPC-SP 5

### Auto-venting valve

- Patent-pending auto valve
- Automatically relieves excess air for optimal media flow

### Single Selector Switch

- Set up once, change modes easily
- Patent pending

# EcoQuip Makes the Job Easy

Compare for yourself

## Better than dry blasting

- Consumes far less media
- Eliminates up to 92 percent of airborne dust
- Saves on clean-up and disposal costs
- A quick and powerful alternative to dry blasting
- Adjustable to a wide range of blast pressures
- Works on virtually any surface
- Won't damage substrates\*
- Works with all job-appropriate media
- Effective in rain and high humidity

## Better than slurry and traditional water-based blasting

- Uses far less media
- Uses far less water
- No toxic wastewater runoff\*\*
- No large slurry mess to clean up
- Adjustable to a wide range of blast pressures
- Effective in virtually any application environment

## Handles most every application type

- Graffiti cleanup
- Paint layer removal
- Marine coating removal
- Rust and corrosion removal
- Industrial coating and lining removal
- General metal, stone and wood cleaning
- Lead and asbestos abatement
- Building and site maintenance
- Monument and artifact restoration
- Roadway marking removal
- Architectural stripping and cleaning

## EcoQuip advantages

- Far less media results in material savings
- Blast pressure options from 30 to 120 psi (2.1 to 8.3 bar)
- Extensive worldwide distribution and service network
- Cleans without damaging mortar or sub-surfaces
- Profiles surfaces for the best coating adhesion
- Effective on both hard and fragile surfaces
- Less impact on surrounding environment\*\*
- Reduced containment measures needed\*\*
- Less restrictive PPE requirements\*\*
- Easy, one-step cleaning process

*\*When blasting with recommended media at appropriate pressure*

*\*\*Assumes blasting without hazardous media or target surface. If hazardous materials are involved, more PPE may be needed and containment or clean-up may be required.*

# EcoQuip Technology Leads the Way

Vapor Abrasive blast systems for coating removal and surface prep



## DataTrak

DataTrak is an exclusive technology from Graco, designed to help you improve quality and reduce downtime. The simple, user-friendly screen helps you set media flow to optimal levels for the most effective blast. It also tracks pump cycles by batch and keeps a grand total so you can schedule maintenance at regular intervals to ensure you always get the best performance from your EcoQuip.

*DataTrak is battery powered and safe to use. It comes as a standard feature on your EcoQuip, although use is optional.*

## EQ100m

Compact, fully portable entry level unit

With its built-in hand truck, slide rails and convenient lifting eye, the patented EQ100m design facilitates easy portability. It fits in the bed of most standard pickup trucks. The EQ100m can accommodate any abrasive heavier than water and, when coupled with an air compressor that can produce 165-375 cfm @ 100+ psi, the EQ100m blasts from 30-120 psi (2-8.3 bar). It's a tough worker, capable of handling any type of project, from cleaning to surface preparation.



| Model/Part No.              | EQ100m  |
|-----------------------------|---|
| Unit Dimensions (W x H x D) | 34 x 25 x 46.5 in (86 x 64 x 118 cm)  |
| Weight                      | 360 lb (163.3kg) dry / 550 lb (249.5 kg) wet                                      |
| Air Capacity                | 165-375 cfm (4.7 – 10.6 m <sup>3</sup> /min)                                      |
| Pot Media Capacity          | 250 lb (113.4 kg)   |
| Blast Pressure              | 30-120 psi (2-8.3 bar/0.21-0.83 MPa)  |
| Water Tank Capacity         | 10 gal (38 L)   |
| Blast Hose                  | 1 in ID (25 mm) x 50 ft (15 m) 2-ply  |
| Nozzle Size (included)      | #7  |
| Available Accessories       | Hose extensions, extension wands and nozzles                                      |
| Warranty*                   | Complete machine for three years from original purchase date, less wearable parts |

*For the best production, use performance media with a medium to fine mesh size.*

*\*Please see complete warranty for details. Specifications subject to change without notice. Standard manufacturer's warranty applies to blast hoses and nozzles.*



## EQ300s

Portable, mid to high production unit

The EQ300s is a standalone unit designed to tackle most typical blasting projects. It works with a standard compressor (185-375 cfm) and fits inside a six-foot truck bed. The EQ300s is built according to tough standards, with user-friendly convenience and safety features. It's also sized to stack safely in a warehouse.

## EQ600s

Portable, high production unit

Built to withstand the toughest working conditions, the EQ600s is a high-production standalone unit to tackle your largest, most demanding projects. It requires an air compressor at 375-600 cfm and features the same user-friendly features as its smaller version, the EQ300s. It fits inside a six-foot truck bed for easy transport to the jobsite and also stacks easily to conserve warehouse space.



| Model/Part No.              | EQ300s  | EQ600s  |
|-----------------------------|---|---|
| Unit Dimensions (W x H x D) | 55.75 x 45.5 x 55.5 in (1.42 x 1.15 x 1.41 m)                                     | 55.75 x 45.5 x 55.5 in (1.42 x 1.15 x 1.41 m)                                     |
| Weight                      | 1,050 lb (476.3 kg) dry/2,750 lb (1247 kg) wet                                    | 1,100 lb (499 kg) dry/2,800 lb (1270 kg) wet                                      |
| Air Capacity                | 185-375 cfm (5.2 – 10.6 m <sup>3</sup> /min)                                      | 375-600 cfm (10.6 – 17 m <sup>3</sup> /min)                                       |
| Pot Media Capacity          | 500 lb (226.8 kg)   | 500 lb (226.8 kg)   |
| Blast Pressure              | 30-120 psi (2-8.3 bar/0.21-0.83 MPa))   | 30-120 psi (2-8.3 bar/0.21-0.83 MPa)  |
| Water Tank Capacity         | 115 gal (435.3 L)   | 115 gal (435.3 L)   |
| Blast Hose                  | 1 in ID (25 mm) x 50 ft (15 m) 2-ply  | 1.25 in ID (32 mm) x 50 ft (15 m) 2-ply   |
| Nozzle Size (included)      | #7  | #8 Performance  |
| Available Accessories       | Hose extensions, extension wands and nozzles                                      | Hose extensions, extension wands and nozzles                                      |
| Warranty*                   | Complete machine for three years from original purchase date, less wearable parts | Complete machine for three years from original purchase date, less wearable parts |

*For the best production, use performance media with a medium to fine mesh size.*

*\*Please see complete warranty for details. Specifications subject to change without notice. Standard manufacturer's warranty applies to blast hoses and nozzles.*

# EcoQuip Technology on the Road

Vapor Abrasive blast systems for coating removal and surface prep



## EQ200t and EQ400t

Mobile, self-contained units

The mid to high production EQ200t and high production EQ400t are self-contained and always ready to go. The EQ200t is great whether you're working light restoration or removing stubborn industrial coatings. The EQ400t is ready to handle the toughest of applications. Both are designed to be as compact as possible for maneuverability on the jobsite. They are built with safety-inspired features and quality components for maximum, long-lasting reliability. Both are fully self-contained with their own trailers, engines and compressors.

Units shown with Kaeser compressors

| Model/<br>Part No. | EQ200t  |  | EQ400t   |
|--------------------|---|--|--|
|                    | Tier 4i   |  | Tier 3   |
| Dim. (W x H x D)   | 174 x 68 x 62 in (4.4 x 1.7 x 1.6 m)  |  | 198 x 87 x 76.5 in (5 x 2.2 x 1.9 m)   |
| Weight             | 4000 lb (1814.4 kg) dry / 5750 lb (2608 kg) wet   |  | 7400 lb (3357 kg) dry / 9400 lb (4264 kg) wet  |
| Blast Pressure     | 30-100 psi (2-6.9 bar/0.21-0.69 MPa)  |  | 30-120 psi (2-8.3 bar/0.21-0.83 MPa)   |
| Pot Diameter       | 24 in (61 cm)   |  | 24 in (61 cm)  |
| Pot Media Capacity | 500 lb (226.8 kg)   |  | 500 lb (226.8 kg)  |
| Water Tank Cap.    | 95 gal (359.6 L)  |  | 125 gal (473.18 L)   |
| Blast Hose         | 1 in ID (25 mm) x 50 ft (15 m)  |  | 1.25 in ID (32 mm) x 50 ft (15 m)  |
| Nozzle Size        | #7  |  | #8 Performace  |
| Accessories        | Hose extensions, extension wands and nozzles  |  | Hose extensions, extension wands and nozzles   |
| Warranty*          | Complete machine for three years from original purchase date, less wearable parts             |  |  |
| <b>ENGINE</b>      |   |  |  |
| Type               | Diesel  |  | Diesel   |
| Model              | 4-cylinder turbo diesel   |  | 4-cylinder turbo diesel, tier 3  |
| Power              | 45 hp (33.6 kW) @ 2400 rpm  |  | 90 hp (67.0 kW) @ 2600 rpm   |
| Oil System         | Pressurized with spin-on filter   |  | Pressurized with spin-on filter  |
| Battery            | 12 volt   |  | 24 volt  |
| Fuel Tank Capacity | 8+ hours of operation   |  | 8 hours  |
| <b>COMPRESSOR</b>  |   |  |  |
| Type**             | Kaeser single-stage, oil cooled, screw-type   |  | Doosan single-stage, oil cooled, screw-type  |
| Rated Delivery     | 210 cfm (6 m <sup>3</sup> /min) @ 100 psi (6.9 bar)   |  | 425 cfm (12 m <sup>3</sup> /min) @ 100 psi (6.9 bar, 0.69 MPa)<br>375 cfm (10.6 m <sup>3</sup> /min) @ 150 psi (10.3 bar, 1.0 MPa) |
| Operating Pressure | 100 psi (6.9 bar / 0.69 MPa)  |  | 100-150 psi (6.9-10.3 bar / 0.69-1.03 Mpa)   |
| Lubrication System | Pressurized lubrication, spin-on cartr. filter, thermostatically controlled oil-to-air cooler |  | Pressurized lubrication, spin-on cartr. filter, thermostatically controlled oil-to-air cooler                                      |
| Presssure Relief   | 125 psi (8.7 bar/0.87 MPa)  |  | 175 (1.2 bar / 12.07 Mpa)  |

For the best production, use performance media with a medium to fine mesh size.

\*Please see complete warranty for details. Specifications subject to change without notice. Standard manufacturer's warranty applies to blast hoses, nozzles, engines, compressors and trailer components. \*\*Brands subject to change.

# EcoQuip Ordering Information

Vapor abrasive blast systems and accessories

## ECOQUIP SKID SYSTEMS

| Model | Series | Package (blast hose & nozzle type)  | Configuration  |
|-------|--------|---|--|
| EQ    | 1      | 0   | M  |
|       | 1=100  | 0=Bare Package (no blast hose or nozzle)                                    | M=Mobile Unit (100 series only)                              |
|       | 3=300  | E=Complete Package with 50 ft (15 m) blast hose, nozzle - Electric Deadman  | S=Skid Unit  |
|       | 6=600  | P=Complete Package with 50 ft (15 m) blast hose, nozzle - Pneumatic Deadman | C=No crash frame or water tank (not available on 100 series) |

## ECOQUIP TRAILER SYSTEMS

| Model | Series       | Brakes   | Package (blast hose & nozzle type)  | Compressor Configuration                          |
|-------|--------------|--|---|---|
| EQ    | 2            | H  | 0   | 3   |
|       | 2=200 series | H=Hydraulic Brakes (not available on 400 series) | 0=Bare Package (no blast hose or nozzle)                                    | 3=Tier 3 compliant (available only on 400 series) |
|       | 4=400 series | E=Electric Brakes                                | E=Complete Package with 50 ft (15 m) blast hose, nozzle - Electric Deadman  | 4=Tier 4i compliant                               |
|       |              |  | P=Complete Package with 50 ft (15 m) blast hose, nozzle - Pneumatic Deadman |   |

## Mobile/Skid Units

|        |  |
|--------|--|
| EQ100M | 100 series, mobile unit, bare package  |
| EQ10EM | 100 series, mobile unit, complete package, electric deadman                        |
| EQ10PM | 100 series, mobile unit, complete package, pneumatic deadman                       |
| EQ300S | 300 series, bare package   |
| EQ300C | 300 series, no skid/crash frame or water tank, bare package                        |
| EQ30ES | 300 series, complete package, electric deadman                                     |
| EQ30EC | 300 series, no skid/crash frame or water tank, complete package, electric deadman  |
| EQ30PS | 300 series, complete package, pneumatic deadman                                    |
| EQ30PC | 300 series, no skid/crash frame or water tank, complete package, pneumatic deadman |
| EQ600S | 600 series, bare package   |
| EQ600C | 600 series, no skid/crash frame or water tank, bare package                        |
| EQ60ES | 600 series, complete package, electric deadman                                     |
| EQ60EC | 600 series, no skid/crash frame or water tank, complete package, electric deadman  |
| EQ60PS | 600 series, complete package, pneumatic deadman                                    |
| EQ60PC | 600 series, no skid/crash frame or water tank, complete package, pneumatic deadman |

100/200/300 complete packages include 1 in. ID, blast hose and #7 standard nozzle. 400/600 complete packages include 1.25 in. ID, blast hose and #8 high performance nozzle.

## Hoses

|        |  |
|--------|--|
| EQ5237 | Blast Hose, extension, 50 ft (15 m), pneumatic, 1.0 in ID                          |
| EQ5235 | Blast Hose, extension, 50 ft (15 m), electric, 1.0 in ID                           |
| EQ5077 | Blast Hose, extension, 100 ft (30 m), pneumatic, 1.25 in ID                        |
| EQ5084 | Blast Hose, extension, 100 ft (30 m), electric, 1.25 in ID                         |
| EQ5082 | Blast Hose, extension, 50 ft (15 m), electric, 1.25 in ID                          |
| EQ5073 | Blast Hose, extension, 50 ft (15 m), pneumatic, 1.25 in ID                         |
| EQ5236 | Blast Hose, replacement, 50 ft (15 m), pneumatic, 1.0 in ID                        |
| EQ5234 | Blast Hose, replacement, 50 ft (15 m), electric, 1.0 in ID                         |
| EQ5071 | Blast Hose, replacement, 50 ft (15 m), pneumatic, 1.25 in ID                       |
| EQ5080 | Blast Hose, replacement, 50 ft (15 m), electric, 1.25 in ID                        |
| 17D786 | Safety cable, whip hose - check  |
| 17D787 | Coupler pins   |
| 17C459 | Blast hose coupler gasket, mach. end (all systems), hose end (EQ100, EQ200, EQ300) |
| 17C124 | Blast hose coupler gasket, fits hose end (EQ400, EQ600)                            |
| 17C125 | Gasket, cam/groove, abrasive media line, 1.25 in ID                                |
| 17C453 | Gasket, cam/groove, abrasive media line, 1.5 in ID                                 |

## Pump Cabinets

|        |  |
|--------|--|
| 17B186 | Pump repair kit (Graco Pump)   |
| 24A592 | DataTrak® module and Reed Switch   |
| 17C126 | Pump retrofit kit, older models to Graco pump (EQ200, EQ300, EQ400, EQ600) |
| 17C127 | Diaphragm valve repair kit (EQ100, EQ200, EQ300)                           |
| 17C128 | Diaphragm valve repair kit (EQ400, EQ600)                                  |

## Trailer Units with compressor (Tier 3 and Tier 4i compliant)

|        |   |
|--------|---|
| EQ2H04 | 200 series, hydraulic brakes, bare package, Tier 4i                       |
| EQ2HE4 | 200 series, hydraulic brakes, complete package, electric deadman, Tier 4i |
| EQ2HP4 | 200 series, hydraulic brakes, complete package, Tier 4i                   |
| EQ2E04 | 200 series, electric brakes, bare package, Tier 4i                        |
| EQ2EE4 | 200 series, electric brakes, complete package, electric deadman, Tier 4i  |
| EQ2EP4 | 200 series, electric brakes, complete package, pneumatic deadman, Tier 4i |
| EQ4E03 | 400 series, electric brakes, bare package, Tier 3                         |
| EQ4EE3 | 400 series, electric brakes, complete package, electric deadman, Tier 3   |
| EQ4EP3 | 400 series, electric brakes, complete package, pneumatic deadman, Tier 3  |
| EQ4E04 | 400 series, electric brakes, bare package, Tier 4i                        |
| EQ4EE4 | 400 series, electric brakes, complete package, electric deadman, Tier 4i  |
| EQ4EP4 | 400 series, electric brakes, complete package, pneumatic deadman, Tier 4i |

## Nozzles

|        |   |
|--------|---|
| EQ1710 | Standard #7, (EQ100, EQ200, EQ300)  |
| EQ1711 | Standard #8, (EQ400, EQ600)   |
| EQ7073 | High performance #7, (EQ100, EQ300)*  |
| EQ7074 | High performance #8, (EQ400, EQ600)*  |
| 17D788 | Replacement handle, pneumatic deadman, G2                                       |
| 17D791 | Replacement handle, electric deadman  |
| EQ5166 | 1 in ID nozzle extension, 24 in (61 cm), only used on EQ100, EQ200, EQ300 units |

\*Performance nozzles require 100 psi (7 bar, 0.7 MPa) or more air pressure at the nozzle

|        |   |
|--------|---|
| 17C129 | Externally piloted air regulator repair kit (EQ100, EQ200, EQ300)             |
| 17C131 | Externally piloted air regulator repair kit (EQ400, EQ600)                    |
| 17C132 | Air regulator, pump, pot  |
| 17C133 | Air regulator gauge, used on pot pump, inlet air pressure, blast air pressure |
| 206994 | Throat seal liquid, pump  |



## 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 that 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.

## GRACO LOCATIONS

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## SALES/ DISTRIBUTION/ SERVICE

Call today for product information or to request a demonstration.

**877-ECOQUIP (877-326-7847) or visit us at [www.ecoquip.com](http://www.ecoquip.com).**

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