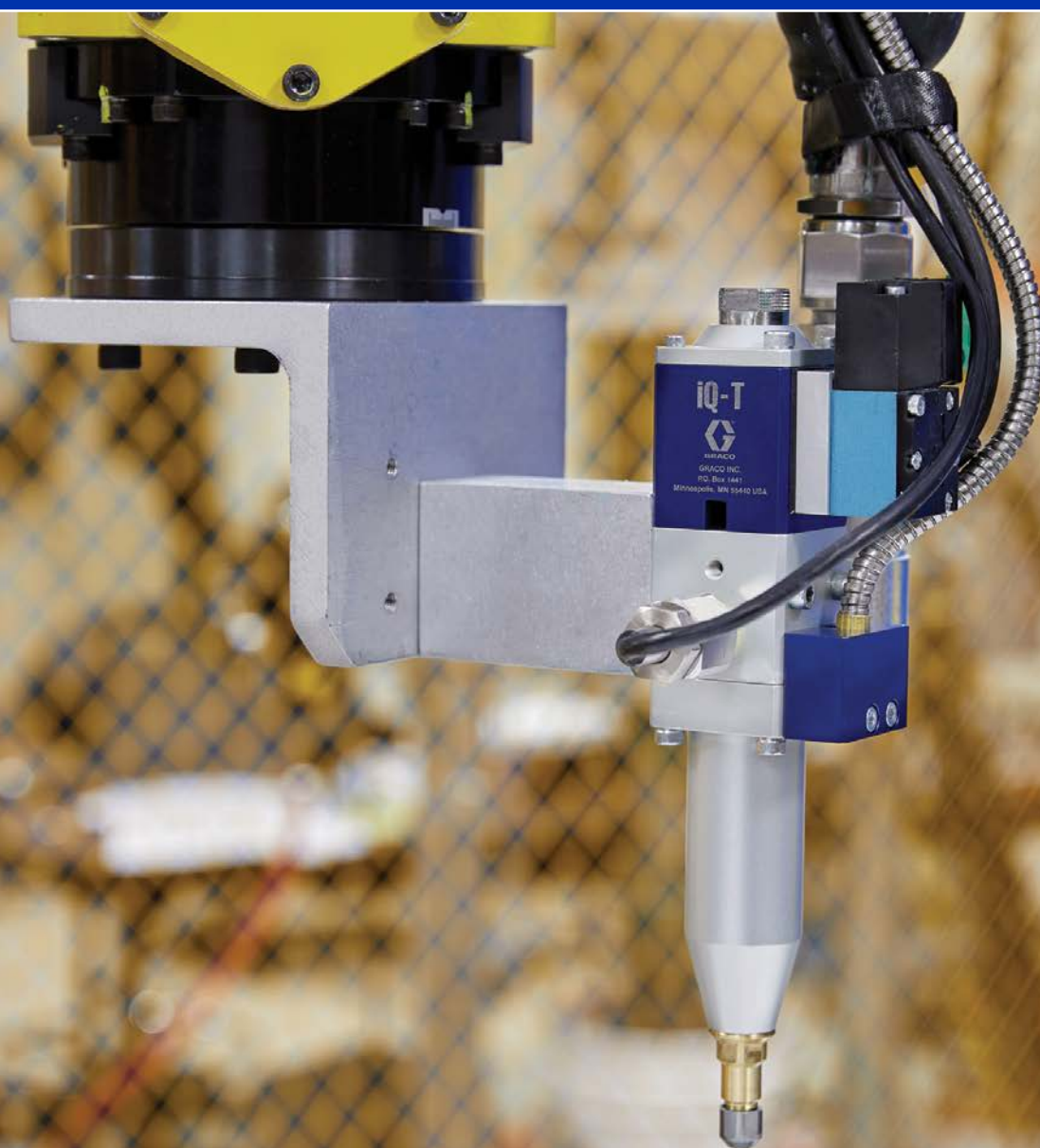




# iQ dispensing valves

For single component sealants and adhesives



PROVEN QUALITY. LEADING TECHNOLOGY.

# Valves built for your application

Choosing the correct valve will set your sealant and adhesive dispensing application on a path toward success. The Graco iQ valves offer you the performance, quality, and flexibility to reliably complete your dispensing process.

## ► TECHNOLOGY OPTIONS PROVIDE FOR DISPENSING FLEXIBILITY

Three sealing options let you optimise your dispense based on your material and application



**iQ-T**  
**Tip seal**

- Forward acting shutoff
- Fast operation produces clean on/off results
- High-speed stitching applications



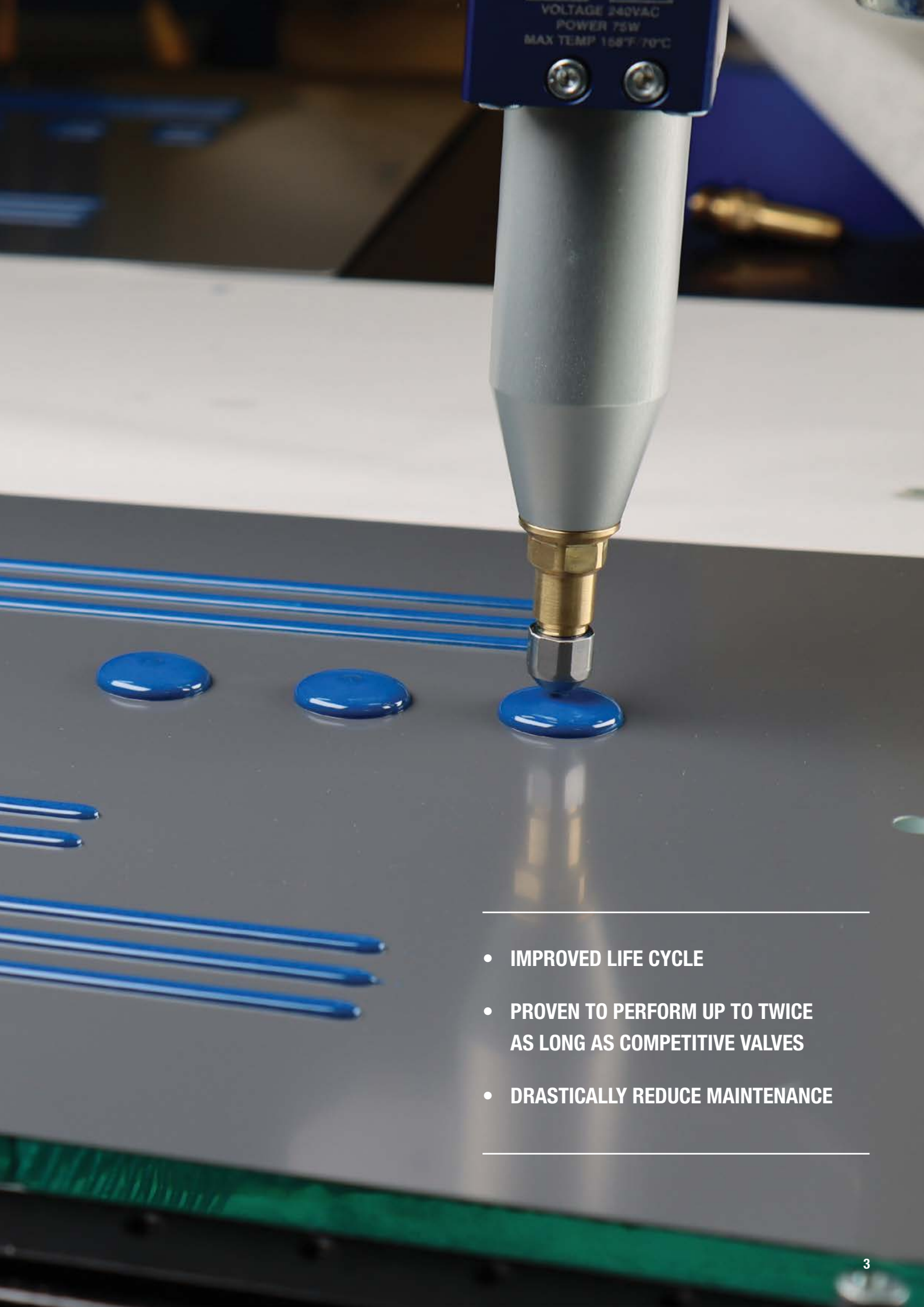
**iQ-S**  
**Snuff back**

- Snuff back (reverse) acting shutoff
- No drool when using thicker materials
- Use with outlet needles
- Adjustable stroke



**iQ-B**  
**Ball-seat**

- Forward acting shutoff
- Standard open/close applications
- Low restriction and wear resistant



VOLTAGE 240VAC  
POWER 75W  
MAX TEMP 168°F / 70°C

- 
- **IMPROVED LIFE CYCLE**
  - **PROVEN TO PERFORM UP TO TWICE AS LONG AS COMPETITIVE VALVES**
  - **DRASTICALLY REDUCE MAINTENANCE**
-



# Valves built for your application

A dispensing valve is a critical component in a dispense application because it is the final step of the material handling process. The iQ dispensing valves were designed with configurable components to meet your application requirements and deliver the results you expect.

## ► TECHNOLOGY OPTIONS GIVE DISPENSING FLEXIBILITY

### A large selection of tip sizes

- Small to large orifice options for small to large beads and flow rates
- A threaded outlet for use with needle
- An RAC spray nozzle option

### Tip extensions

- Select from three nozzle extension lengths to optimise the dispensing tool path
- Accommodates focal lengths for vision systems

### Fully heated for material viscosity control

For applications up to 70°C (158°F), the iQ valve offers a heated option. Obtain improved pump-ability and repeatability by heating the valve so that the viscosity of the material can be kept constant.

### Direct-mounted solenoid

Choose the direct mounted solenoid option for the fastest and most repeatable on/off operation.



# Technical information

## iQ-B, iQ-S and iQ-B valves

Maximum fluid working pressure	276 Bar (4000 psi, 28 Mpa)
Maximum cylinder air pressure	8.3 Bar ( 120 psi, 28 Mpa)
Maximum fluid operating temperature	70°C (158°F)
Air inlet size	1/8 in. npt(f) (remote solenoid options only)
Air exhaust port size	1/8 in. npt (f)
Fluid inlet size	1/4 in. npt (f)
Fluid outlet size	Depending on model

## Weight

Nozzle length	Ambient, remote mount solenoid	Heated, remote mount solenoid	Ambient, direct mount solenoid	Heated, direct mount solenoid
0 mm	0.5 kg (1.2 lb)	0.7 kg (1.5 lb)	0.7 kg (1.5 lb)	0.9 kg (1.9 lb)
60 mm	0.6 kg (1.4 lb)	0.8 kg (1.8 lb)	0.8 kg (1.8 lb)	1.0 kg (2.2 lb)
200 mm	0.9 kg (2.0 lb)	1.1 kg (2.5 lb)	1.1 kg (2.5 lb)	1.3 kg (2.9 lb)

## Electrical specifications

Nozzle length	Voltage	RTD type	Wattage
0 mm	240 V ac	100 Ohm PT	0 mm = 100 W
60 mm			60 mm = 75 W
200 mm			150 mm = 150 W

# Ordering information

Use the following matrix to define the construction of the valve, based on the ten digits.

First digit	Second and third digit		Fourth digit		Fifth digit		Sixth, seventh, and eighth digit		Ninth digit		Tenth digit	
	Size		Tip size		Type		Outlet Block length		Action		Heat	
V	25	1/4 in. NPT	A	1/4 in. NPT	B	Ball-seat	000	0 mm	B	Valve mounted solenoid	A	None
			B	RAC tip**	S	Snuff back	060	60 mm	D	Remote solenoid block*	B	Heated maximum
			D	1.0 mm	T	Tip seal	200	200 mm			C	120 volt***
			F	1.3 mm								
			G	1.7 mm								
			H	2.0 mm								
			J	2.5 mm****								

\* The remote solenoid can be purchased as an accessory or supplied by the customer

\*\* RAC tip valves are only available in ball-seat configurations

\*\*\* Limited options, contact Graco for more information

\*\*\*\* 2.5mm Tip Size (fourth digit, option J) is only available in Tip Seal configurations

## High working pressure valves (ball-seat valves) with a stainless steel housing 345 bar (5000 psi, 34.5 MPa)

- 25R843**
- 1/4 in. NPT inlet ports
  - 1/4 in. NPT outlet port
  - Ball-seat
  - 000 Outlet block length
  - Valve mounted solenoid
  - Non-heated

- 25R844**
- 1/4 in. NPT inlet ports
  - 1/4 in. NPT outlet port
  - Ball-seat
  - 000 Outlet block length
  - Remote solenoid
  - Non-heated

## 45° Outlet Valves (Snuff-Back Valves) for use with Graco Precision Swirl

- 26B490**
- 1/4 in. NPT inlet ports
  - 45° outlet port
  - Snuff-Back
  - 000 Outlet block length
  - Valve mounted solenoid
  - Non-heated

- 26B491**
- 1/4 in. NPT inlet ports
  - 45° outlet port
  - Snuff-Back
  - 000 Outlet block length
  - Remote solenoid
  - Non-heated



## ABOUT GRACO

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 ensures the continued provision of innovative solutions to a diverse global market.

## GRACO LOCATIONS

### MAILING ADDRESS

P.O. Box 1441  
Minneapolis, MN 55440-1441  
Tel: 612-623-6000  
Fax: 612-623-6777

### AMERICAS

#### MINNESOTA

Worldwide Headquarters  
Graco Inc.  
88-11th Avenue N.E.  
Minneapolis, MN 55413

### EUROPE

#### BELGIUM

European Distribution Centre  
Graco Distribution BV  
Industrieterrein-Oude Bunders  
Slakweidestraat 31  
3630 Maasmechelen, Belgium  
Tel: 32 89 770 700  
Fax: 32 89 770 777

### ASIA PACIFIC

#### AUSTRALIA

Graco Australia Pty Ltd.  
Suite 17, 2 Enterprise Drive  
Bundoora, Victoria 3083  
Australia  
Tel: 61 3 9468 8500  
Fax: 61 3 9468 8599

#### CHINA

Graco Fluid Equipment  
(Shanghai) Co., Ltd  
Building 7, No. 1-2,  
Wenshui Road 299  
Jing'an District  
Shanghai 200436  
P.R. China  
Tel: 86 512 6260 5711  
Fax: 86 21 6495 0077

### INDIA

Graco Hong Kong Ltd. India Liaison  
Office  
Room 432, Augusta Point Regus  
Business Centre 53 Golf Course Road  
Gurgaon, Haryana India 122001 Tel:  
91 124 435 4208  
Fax: 91 124 435 4001

### JAPAN

Graco K.K.  
1-27-12 Hayabuchi  
Tsuzuki-ku  
Yokohama City, Japan 2240025  
Tel: 81 45 593 7300  
Fax: 81 45 593 7301

### KOREA

Graco Korea Inc.  
38, Samsung 1-ro 1-gil  
Hwaseong-si, Gyeonggi-do, 18449  
Republic of Korea  
Tel: 82 31 8015 0961  
Fax: 82 31 613 9801

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is ISO 9001 certified.



Europe  
+32 89 770 700  
FAX +32 89 770 777  
WWW.GRACO.COM

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