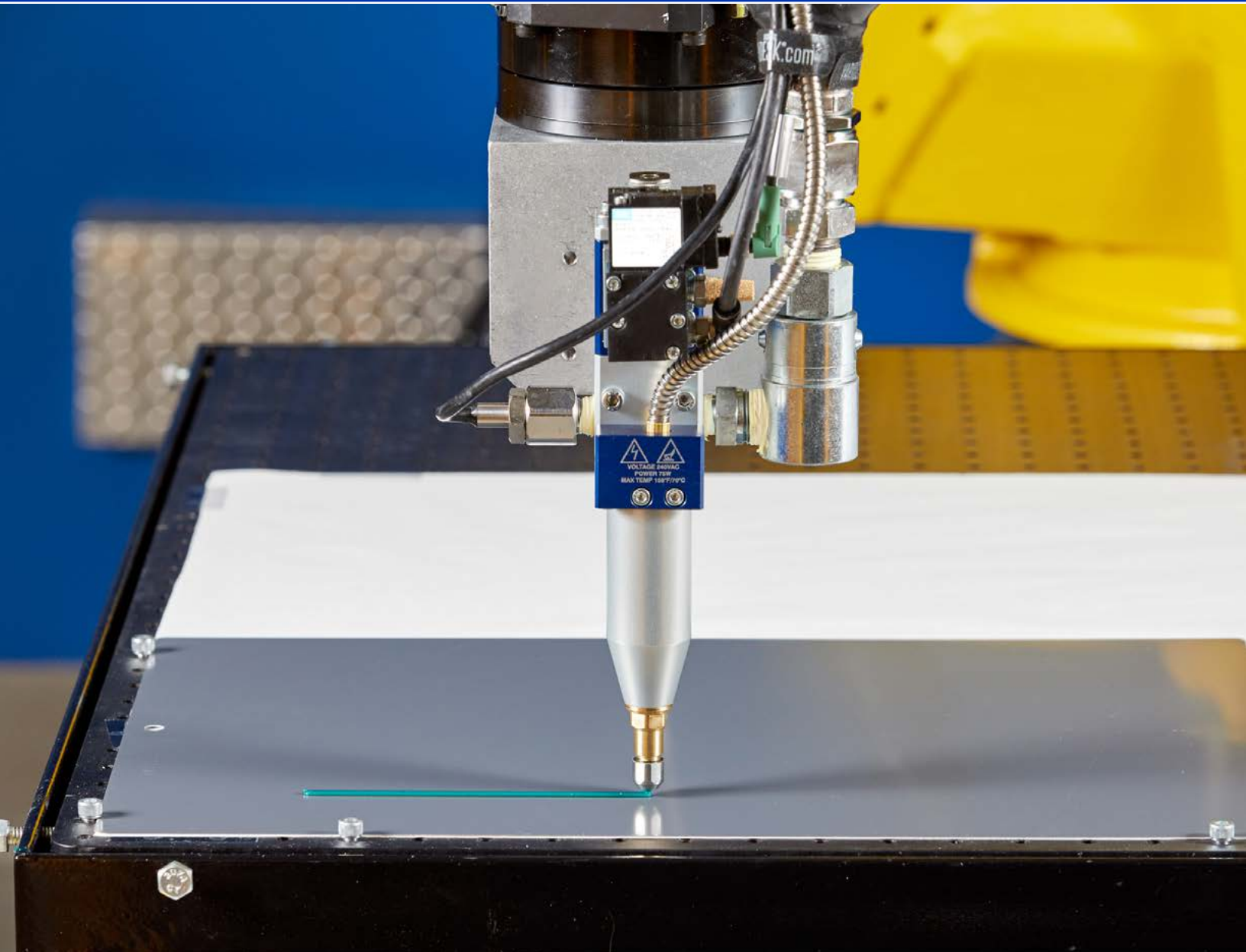




iQ Dispense Valves



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 GIVE DISPENSING FLEXIBILITY

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



**iQ-T
Tip Seal**

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



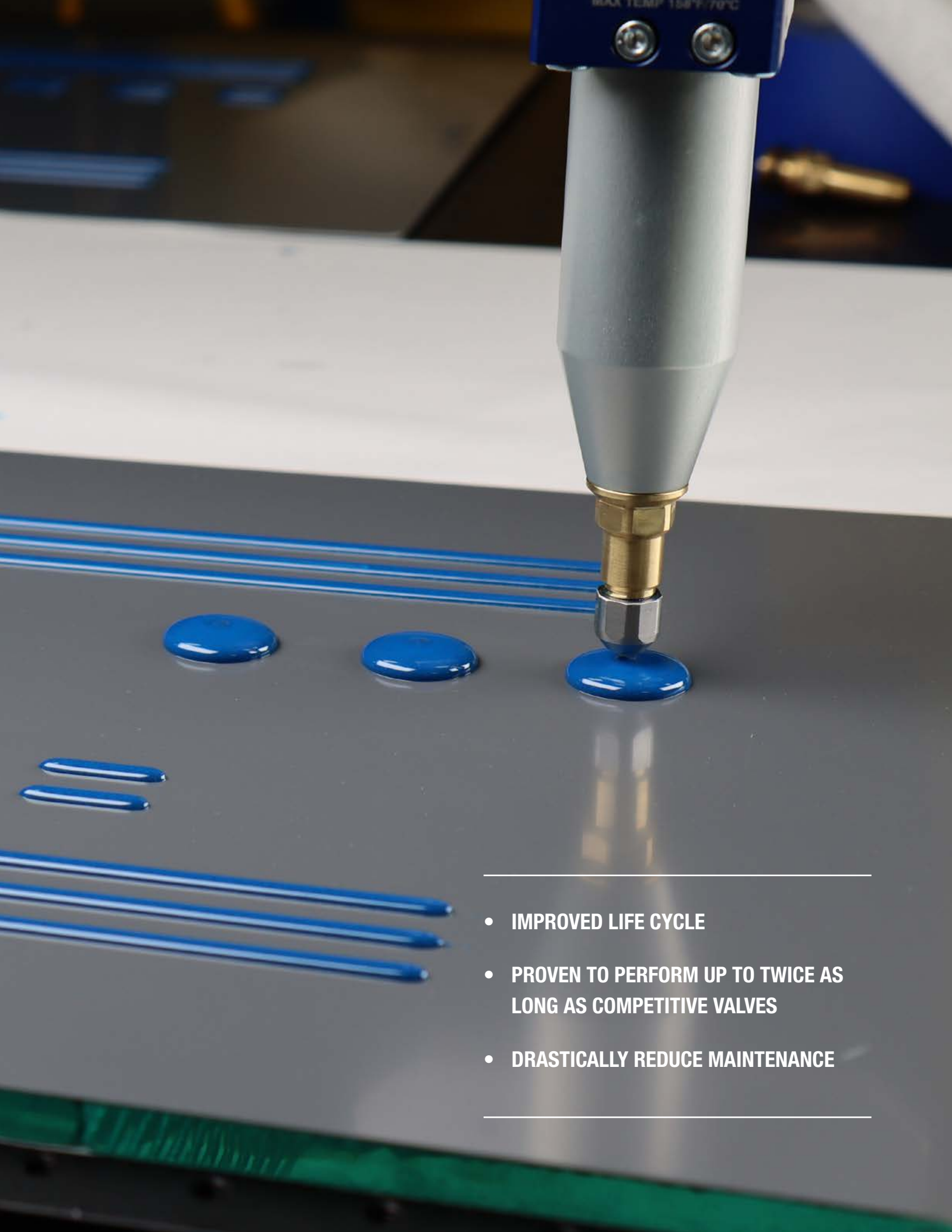
**iQ-S
Snuff-Back**

- Snuff-Back (Reverse) acting shutoff
- No drool for thicker materials
- Use with outlet needles
- Adjustable Stroke

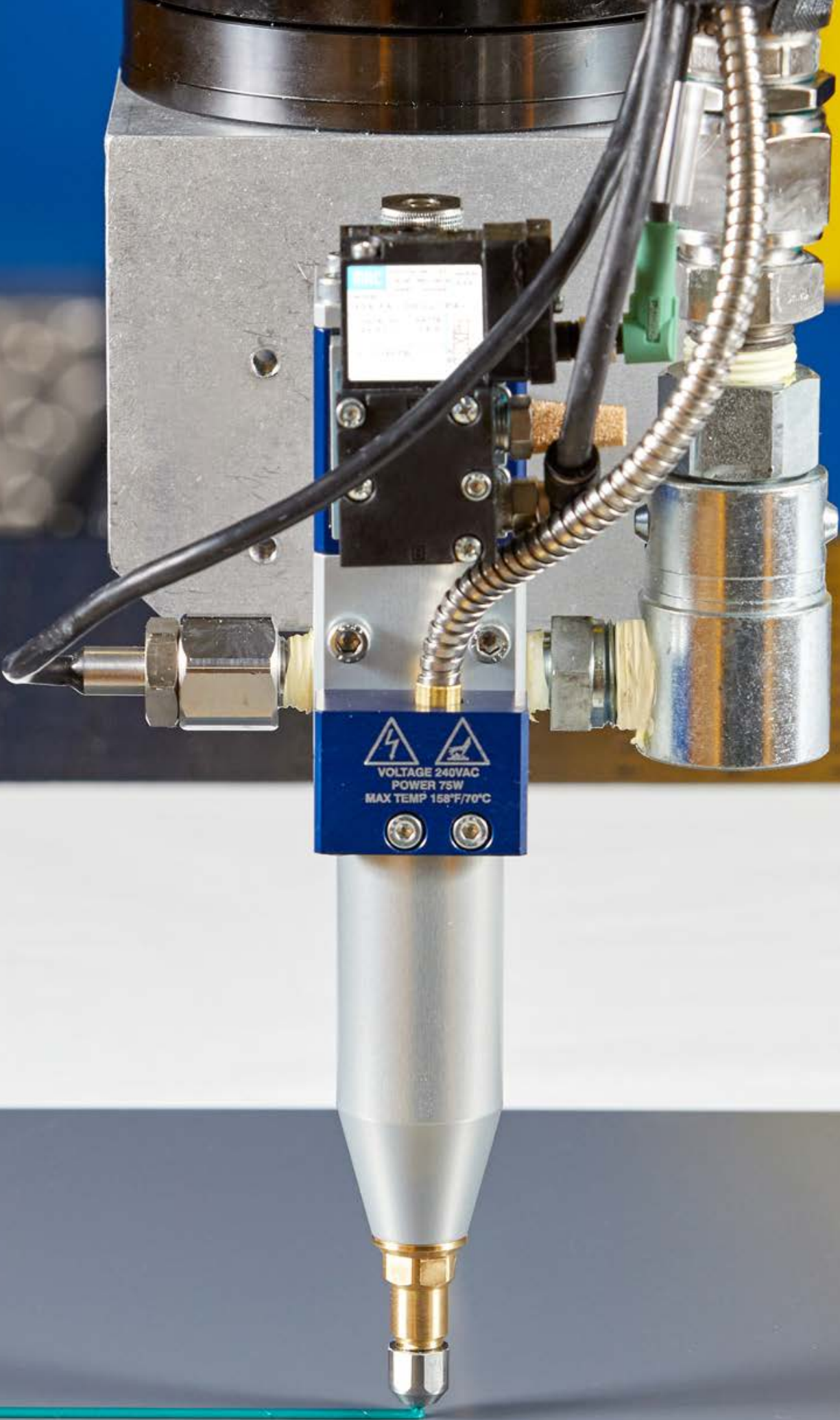


**iQ-B
Ball-Seat**

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



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



VOLTAGE 240VAC
POWER 75W
MAX TEMP 158°F/70°C

Valves built for your application

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

► TECHNOLOGY OPTIONS GIVE DISPENSING FLEXIBILITY

Large selection of tip sizes

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

Tip Extensions

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

Fully heated for material viscosity control

For applications up to 158° F (70°C), the iQ valve offers a heated option. Get 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	4000 psi (276 Bari, 28 Mpa)
Maximum cylinder air pressure	120 psi (8.3 Bar, 28 Mpa)
Maximum fluid operating temperature	158°F (70°C)
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	1.2 lb (0.5 kg)	1.5 lb (0.7 kg)	1.5 lb (0.7 kg)	1.9 lb (0.9 kg)
60 mm	1.4 lb (0.6 kg)	1.8 lb (0.8 kg)	1.8 lb (0.8 kg)	2.2 lb (1.0 kg)
200 mm	2.0 lb (0.9 kg)	2.5lb (1.1 kg)	2.5lb (1.1 kg)	2.9 lb (1.3 kg)

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								

* Remote solenoid can be purchased as an accessory or supplied by customer

** RAC Tip valves are only available in Ball-Seat configurations

*** Limited options, contact Graco for more information

High Working Pressure Valves (Ball-Seat Valves) with 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 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 will continue to provide 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 Center
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
The People's Republic of China
Tel: 86 21 6495 0088
Fax: 86 21 6495 0077

INDIA

Graco India Pvt Ltd.
Plot No 295, Udyog Vihar Phase-IV
Guragram, Haryana
India 122015
Tel: 91 124 6610200
Fax: 91 124 6610201

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

SALES/ DISTRIBUTION/ SERVICE

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866 967 4660