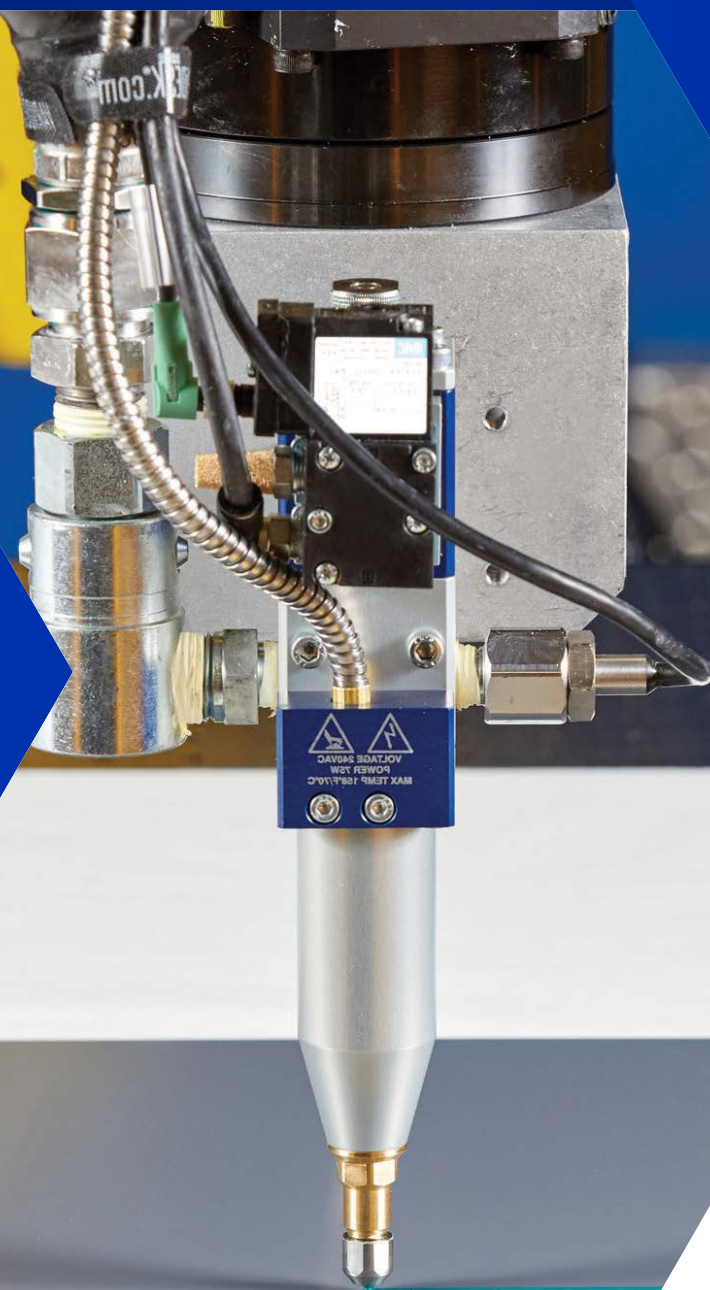




IQ DISPENSE VALVE

For reliable, controlled material flow dispensing



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. 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

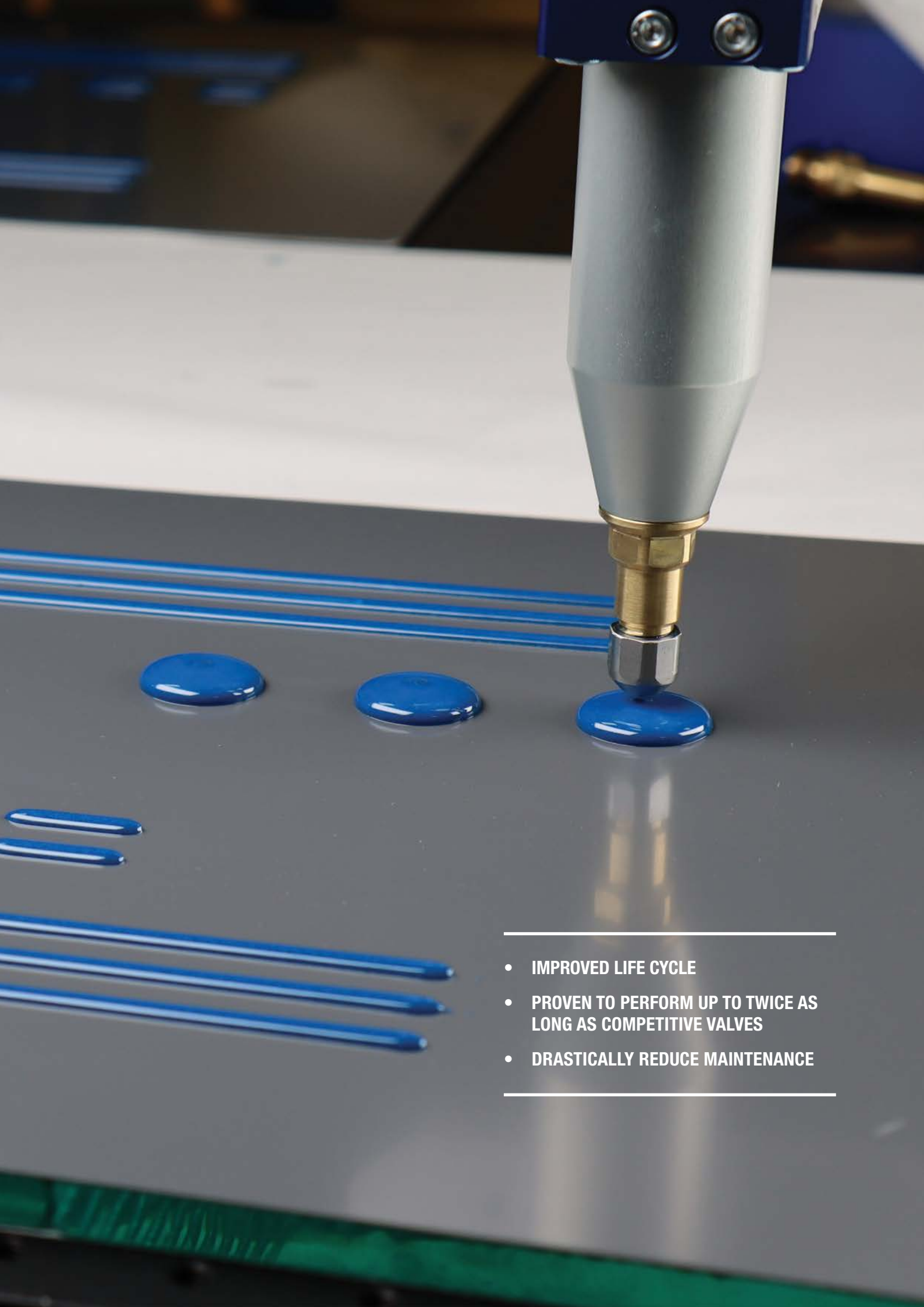


iQ-B BALL-SEAT

Forward acting shutoff

Standard open/close applications

Low restriction and wear resistant



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

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.



ELITE CONSTRUCTION FOR HIGHLY ABRASIVE MATERIAL

Valves with Elite construction withstand the most abrasive thermal interface materials (TIMs), silicones, urethanes, and epoxies. With wear-resistant seals, Elite iQ Valves last at least 10 times longer than standard components.*

*Data verified when pumping representative thermal interface material (TIM) in Graco test environment.

ORDERING INFORMATION

Use the following matrix to define the construction of the valve, based on the ten digits.
Refer to manual 333585 for specific details on available configurations.

FIRST DIGIT	SECOND AND THIRD DIGIT		FOURTH DIGIT		FIFTH DIGIT		SIXTH, SEVENTH, AND EIGHTH DIGIT		NINTH DIGIT		TENTH DIGIT	
	Construction		Tip Size Type		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
	EL†	1/4 in. NPT	B	RAC Tip**	S	Snuff-Back	060	60 mm	D	Remote Solenoid Block*	B	Heated Maximum
	GM††	PGM Mount	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****								
			K	3.0 mm****								
		L	4.00 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
 **** Tip Size, fourth digit, option J, K, L) is only available in Tip Seal configurations

† Models with Elite construction for abrasive materials, 2.5 mm and 4.0 mm tip assemblies only
 †† Designed with mounting block compatible with PGM. 1.3 mm tip in Snuff Back and Tip Seal only

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

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
- 25R844**
- 1/4 in. NPT inlet ports
 - 45° outlet port
 - Snuff-Back
 - 000 Outlet block length
 - Remote solenoid solenoid
 - Non-heated

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, 0.83 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

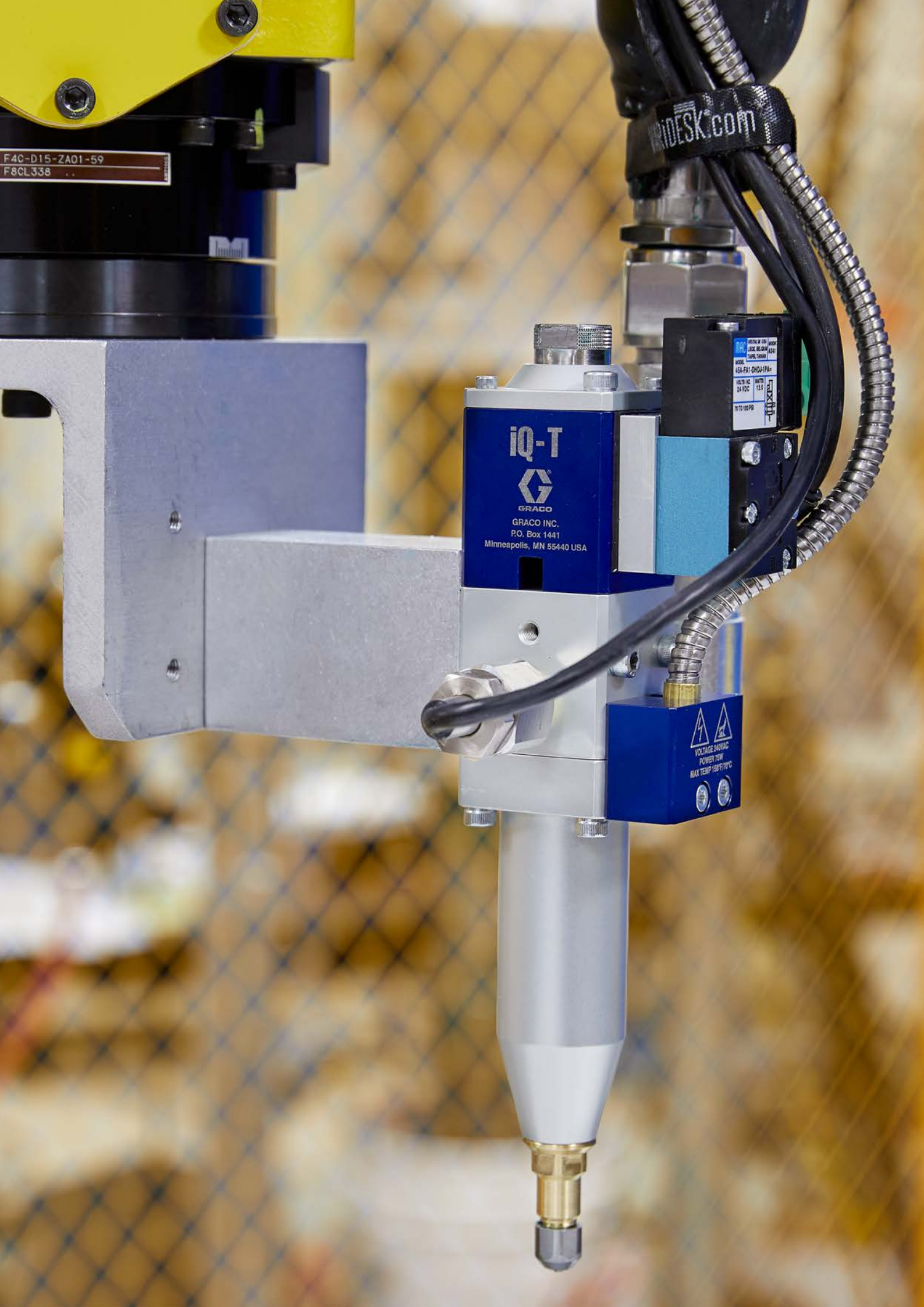
F4C-D15-ZA01-59
F8CL338

WIDESK.COM

WORK IN USE
LASER BEAM AHEAD
MODEL
65A-FX1-2HQD-1PA-
VOLTAGE 24 VDC
MAX TEMP 150°C
16 TO 185 PB

iq-T
GRACO
GRACO INC.
P.O. Box 1441
Minneapolis, MN 55440 USA

VOLTAGE 24VDC
POWER 75W
MAX TEMP 150°C





OUR BRAND PROMISE TO YOU

Since 1926, **innovation**, **quality** and **A+ Service** have been at the centre of Graco.

Experience Innovation

Our focus on innovation results in products and equipment that lead the industry with technologically-advanced features, pioneering design, high performance and unparalleled reliability. In short, innovation is how you get better products!

Building Quality

You're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability.



A+ service, every time

You'll see A+ Service in action when you contact any of our support services options no matter where you are in the world. We'll listen to your situation and work methodically to resolve it as quickly as we can. We are guided by a mindset of integrity and a customer service view centred on collaboration and relationships, not transactions.



We're here to answer questions and help address your needs:

www.graco.com/contact

Graco is certified ISO 9001.

©2022 Graco Distribution BV 300791ENEU-C 10/23. Printed in Europe.

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.

All other brand names or marks are used for identification purposes and are trademarks of their respective owners. For more information on Graco's intellectual property, see www.graco.com/patent or www.graco.com/trademarks.