



BLASTMASTER® GATEKEEPER AIR VALVE



BUILT MARCO
TOUGH
MARCO MANUFACTURED

PART NUMBERS AND SCHEMATICS GUIDE

Company Profile

Since 1944, Marco has developed a strong tradition of providing innovative and reliable products and services to the surface preparation and protective coatings industries. We are the world's premier provider of Abrasives, Blasting Equipment, Coating and Painting Equipment, Engineered Systems, Rental Equipment, Safety Equipment, Service, and Repair.

Through innovative designs and a total commitment to quality, Marco manufactures products that increase production rates, create a safer workplace, and reduce maintenance costs. Marco's industry experience, manufacturing capabilities, legendary customer service, product availability, logistics services, and technology leadership is your assurance that we deliver high quality products and services, providing the best value to you, our customer.

The Marco Difference

- **Industry Experience** – With Marco on your team, you have access to expertise which can only come from decades of industry leadership. We have organized our engineering department, production specialists, customer operations, and safety support into a “Center of Competence.” As a Marco customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Marco is a U.S. based, ISO 9001:2008 certified manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Marco's engineers benchmark the industry to ensure that we design and manufacture superior products that set the “Gold Standard” for performance, safety, and quality.
- **Legendary Customer Service** – Marco's legendary customer service team is staffed by friendly, highly-trained individuals who are focused on providing the highest level of product support, order accuracy, and customer satisfaction.
- **Product Availability** – We stock over 10,000 SKU's and have over 45 shipping locations to serve North American and International markets for all major brands of blasting and painting equipment. As the largest provider of surface preparation and protective coatings equipment in the world, our inventory levels and product availability are unmatched.
- **Logistics Services** – Marco's in-house logistics team is dedicated to moving your shipment anywhere in the world. We move over 14,000 truckloads every year, allowing you to save on freight costs by leveraging our buying power. Lower your process costs with a single invoice, which includes product and freight.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, MSDS information, and Features, Advantages, and Benefits Guides, providing access to information 24/7. Our Extranet application allows you to receive quotes and place orders online. Our Intranet maintains a complete record of your purchase history to assist with ongoing support of your existing equipment and future purchasing decisions.

Vision Statement

Marco is the world's premier provider of Abrasives, Blasting Equipment, Coating and Painting Equipment, Engineered Systems, Rental Equipment, Safety Equipment, Service, and Repair.

Mission Statement

Marco provides strong leadership and innovation to the surface preparation and protective coatings industries. We dedicate our efforts to the continuous improvement of our products, services, processes, people, and most importantly, the quality of our customer's experience.

Quality Policy

Marco is committed to providing superior quality in the design, manufacturing, distribution, rental, service, and repair of our products. Our ISO 9001:2008 certification extends throughout all operations in all locations. Continuous improvement of our processes and supply chain Integration comprise the core of our business strategy for delivering exceptional quality and value in all Marco products and services.

Management Philosophy

We are a company dedicated to the success of every customer and associate. We discuss, debate, challenge, measure, and test our ideas. We will be boundless and limitless in our passion to improve. Through sound leadership and dedicated associates, we will ensure a long term, profitable future for Marco, our associates, customers, and suppliers.

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PART NUMBERS

Part Numbers	BLASTMASTER® GATEKEEPER AIR VALVE
1013000	Blastmaster® 1" GateKeeper Air Valve
1013100	Blastmaster® 1-1/4" GateKeeper Air Valve
1013200	Blastmaster® 1-1/2" GateKeeper Air Valve
1013600	Blastmaster® 1-1/2" High-Flow GateKeeper Air Valve
1013300	Blastmaster® 2" GateKeeper Air Valve

PART NUMBERS



1013000



1013100



1013200



1013600



1013300

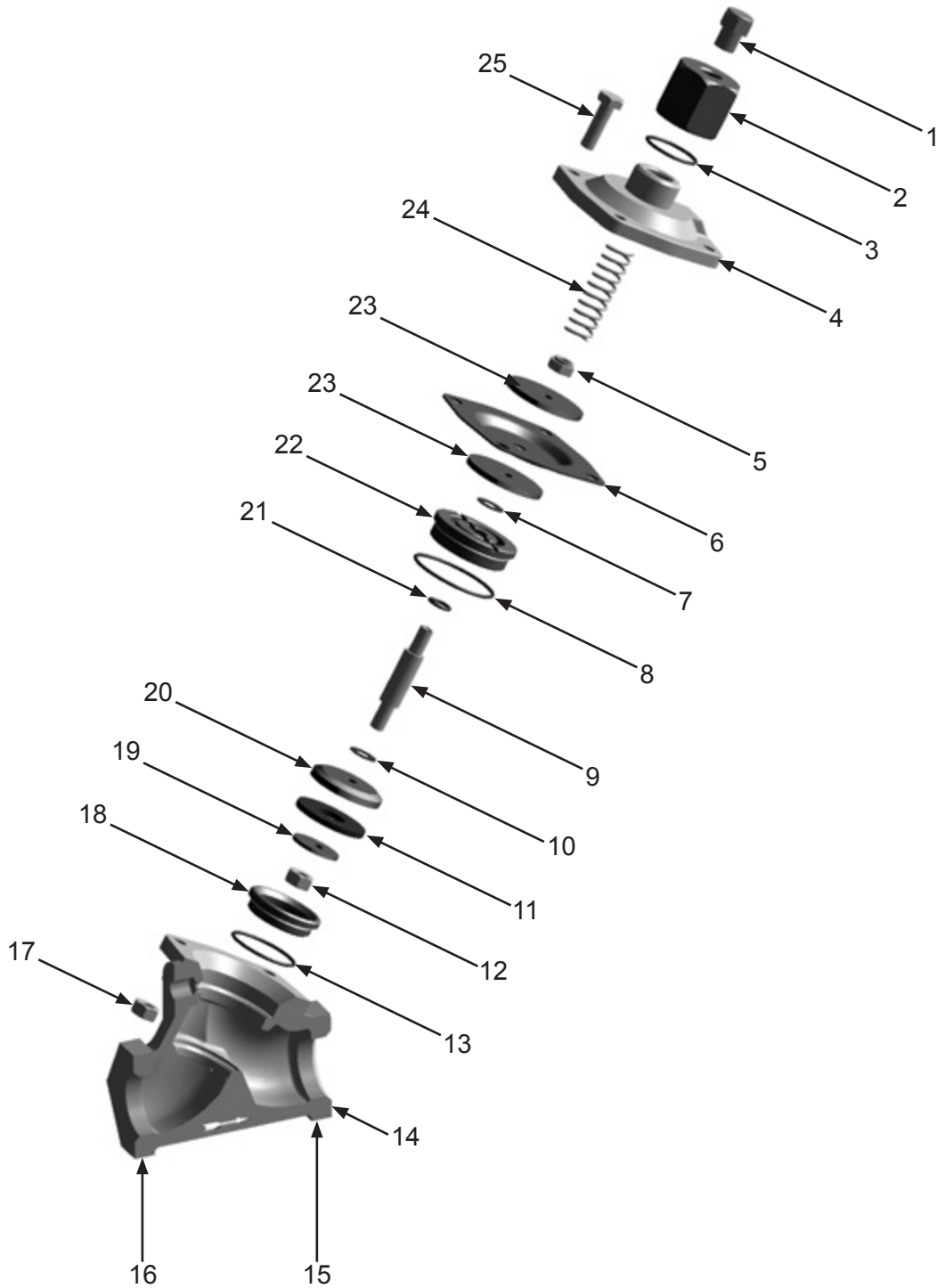
PART NUMBERS & SCHEMATICS

Blastmaster® 1" GateKeeper Air Valve

Item #	Part #	Description
Fig. 1		
—	1013000	Blastmaster® 1" GateKeeper Air Valve – Complete
1	1012905	1/8" Breather Muffler
2	1013022	Spring Retainer
3	1013021	Spring Retainer O-ring
4	1013012	Cap
5	1013013	1/4–28 Hex Nut
6	1013003	Diaphragm
7	1013002	Gasket
8	1013004	O-ring
9	1013018	Shaft
10	1013019	Gasket
11	1013020	Disc
12	1013011	Lock Nut
13	1013008	Seat O-ring
14	1013017	Body
15	1091050	Sticker – AIR INLET
16	1091051	Sticker – AIR OUTLET
17	1013016	Hex Nut (<i>Four Required</i>)
18	1013009	Seat
19	1013010	Disc Plate
20	1013007	Disc Retainer
21	1013006	O-ring – 3/8" I.D.
22	1013005	Retainer Bushing
23	1013015	Diaphragm Plate (<i>Two Required</i>)
24	1013023	Spring
25	1013014	Bolt (<i>Four Required</i>)
—	1013001	1" GateKeeper Repair Kit (<i>Includes Item #'s: 5, 6, 7 (quantity of 2), 8, 10, 11, and 12, 20</i>)
—	1013024	Seat Tool
—	1013025	Retainer Bushing Tool

PART NUMBERS & SCHEMATICS

Figure 1: Blastmaster® 1" GateKeeper Air Valve



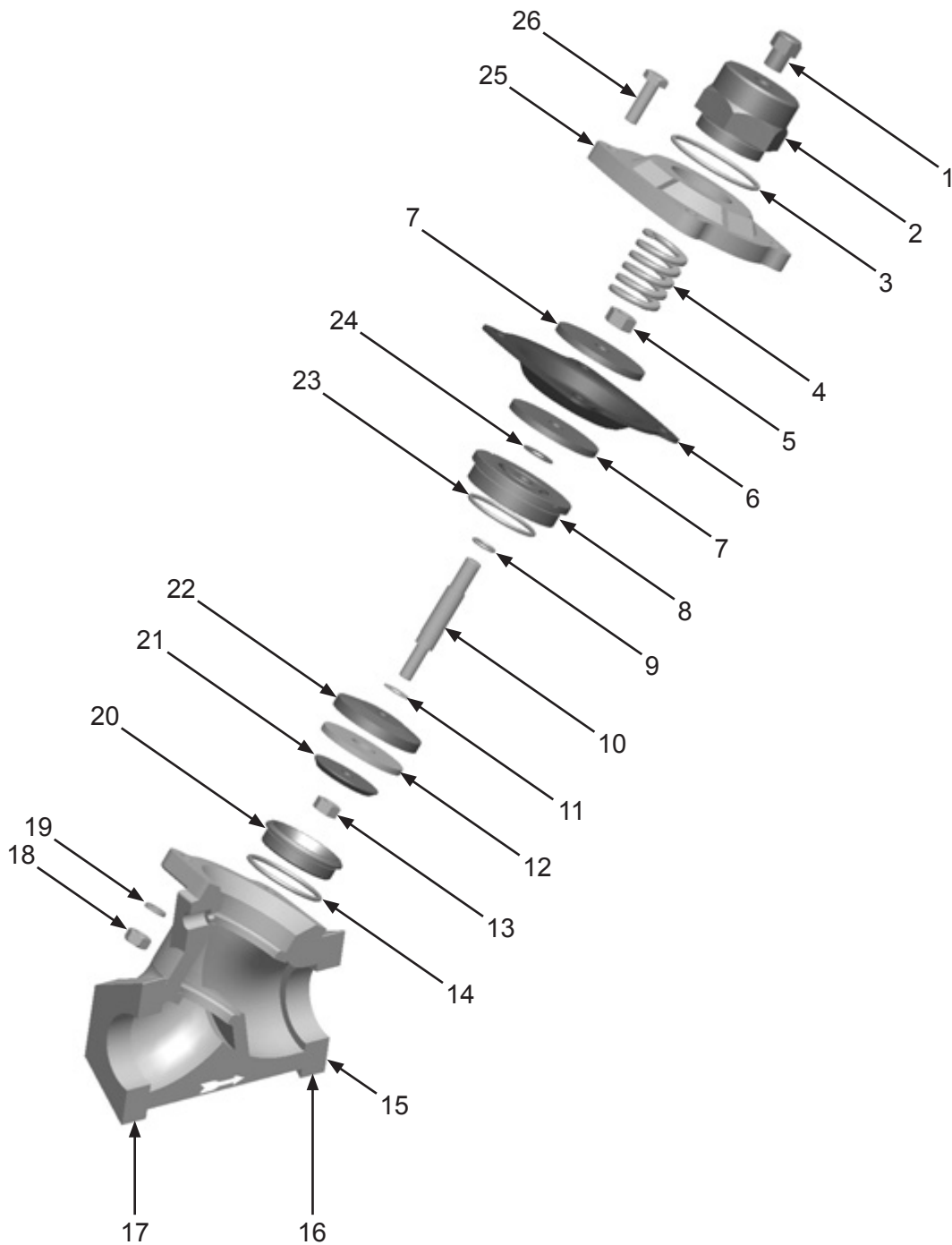
PART NUMBERS & SCHEMATICS

Blastmaster® 1-1/4" and 1-1/2" GateKeeper Air Valves

Item #	Part #	Description
Fig. 2		
—	1013100	Blastmaster® 1-1/4" GateKeeper Air Valve – Complete
—	1013200	Blastmaster® 1-1/2" GateKeeper Air Valve – Complete
1	1012905	1/8" Breather Muffler
2	1013122	Spring Retainer
3	1013121	Spring Retainer O-ring
4	1013123	Spring
5	1013113	5/16–24 Hex Nut
6	1013103	Diaphragm
7	1013115	Diaphragm Plate (<i>Two Required</i>)
8	1013105	Retainer Bushing
9	1013106	Retainer Bushing O-ring
10	1013118	Shaft
11	1013119	Shaft Gasket
12	1013120	Disc
13	1013111	Lock Nut
14	1013108	Seat O-ring
15a	1013117	Body – 1-1/4" GateKeeper Air Valve
15b	1013202	Body – 1-1/2" GateKeeper Air Valve
16	1091050	Sticker – AIR INLET
17	1091051	Sticker – AIR OUTLET
18	1013116	Hex Nut (<i>Four Required</i>)
19	1012153	Lock Washer (<i>Four Required</i>)
20	1013109	Seat
21	1013110	Disc Plate
22	1013107	Disc Retainer
23	1013104	O-ring
24	1013102	Gasket
25	1013112	Cap
26	1013114	Bolt (<i>Four Required</i>)
—	1013101	GateKeeper Repair Kit (<i>Includes Item #'s: 5, 6, 11–14, 23, and 24</i>)
—	1013124	Seat Tool
—	1013125	Retainer Bushing Tool
—	1090011	Operator's Manual – KwikFire 130E Remote Control System

PART NUMBERS & SCHEMATICS

Figure 2: Blastmaster® 1-1/4" and 1-1/2" GateKeeper Air Valves



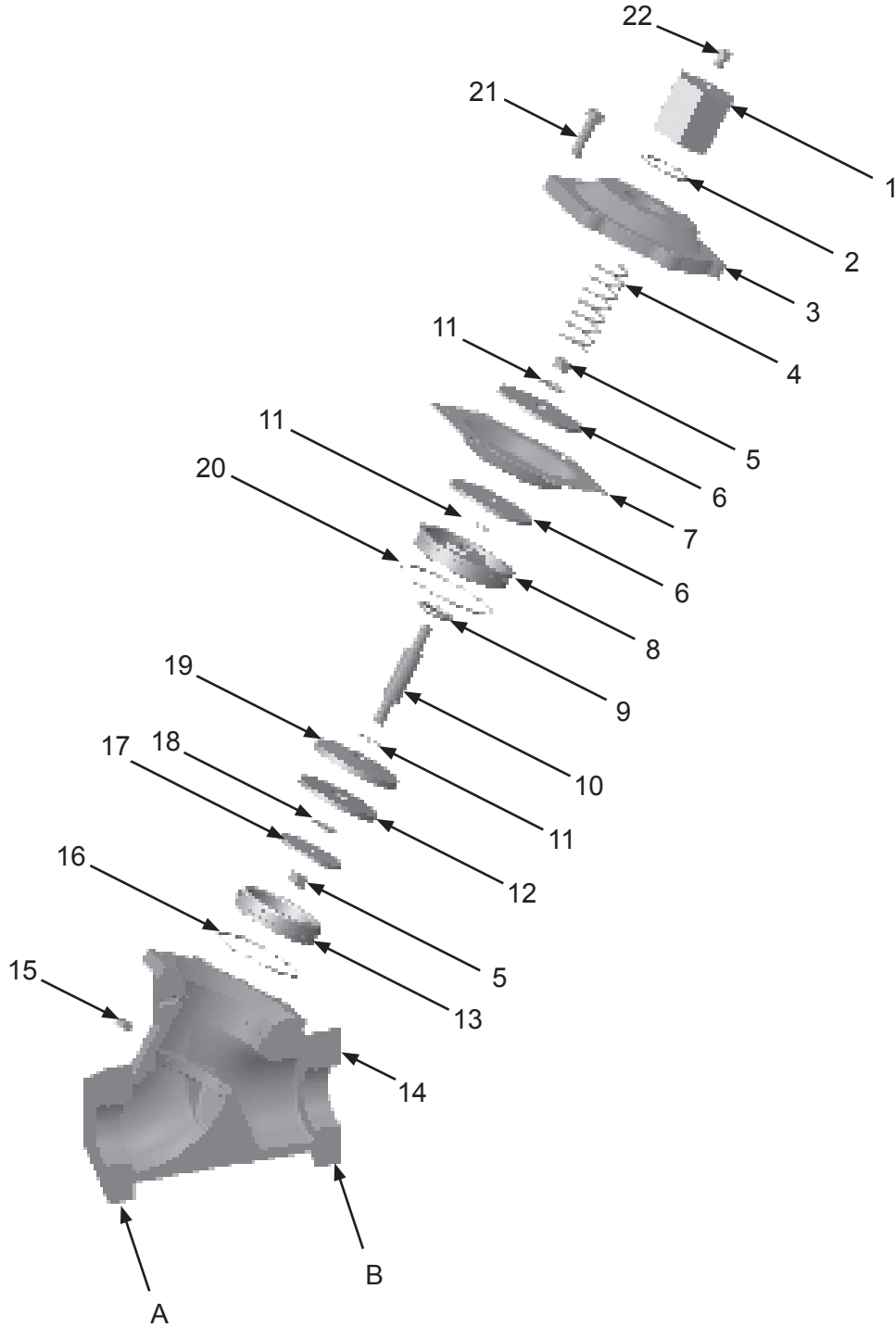
PART NUMBERS & SCHEMATICS

Blastmaster® 1-1/2" NPT High-flow GateKeeper Air Valve

Item #	Part #	Description
Fig. 3		
—	1013600	1-1/2" NPT High-flow GateKeeper Air Valve
1	1013322	Spring Retainer
2	1013326	O-ring
3	1013312	Cap
4	1013323	Spring
5	1013313	Lock Nut
6	1013315	Diaphragm Plate (two required)
7	1013303	Diaphragm
8	1013305	Retainer Bushing
9	1013306	O-ring
10	1013318	Shaft
11	1013302	Gasket (two required)
12	1013320	Disc
13	1013311	Lock Nut
13	1013309	Seat
14	1013328	Body
15	1013316	Nut (six required)
16	1013308	Seat O-Ring
17	1013310	Disc Plate
18	1013327	Brass Washer
19	1013307	Disc Retainer
20	1013304	O-ring
21	1013314	Cap Screw (six required)
22	1012905	1/8" Breather Muffler
A	1091050	Sticker - Air Outlet
B	1091051	Sticker - Air Inlet
—	1013301	1-1/2" NPT High-flow GateKeeper Air Valve Service Kit (Includes Item #'s: 5, 7, 9, 11, 12, 17, and 20)

PART NUMBERS & SCHEMATICS

Figure 3: Blastmaster® 1-1/2" NPT High-flow GateKeeper Air Valve



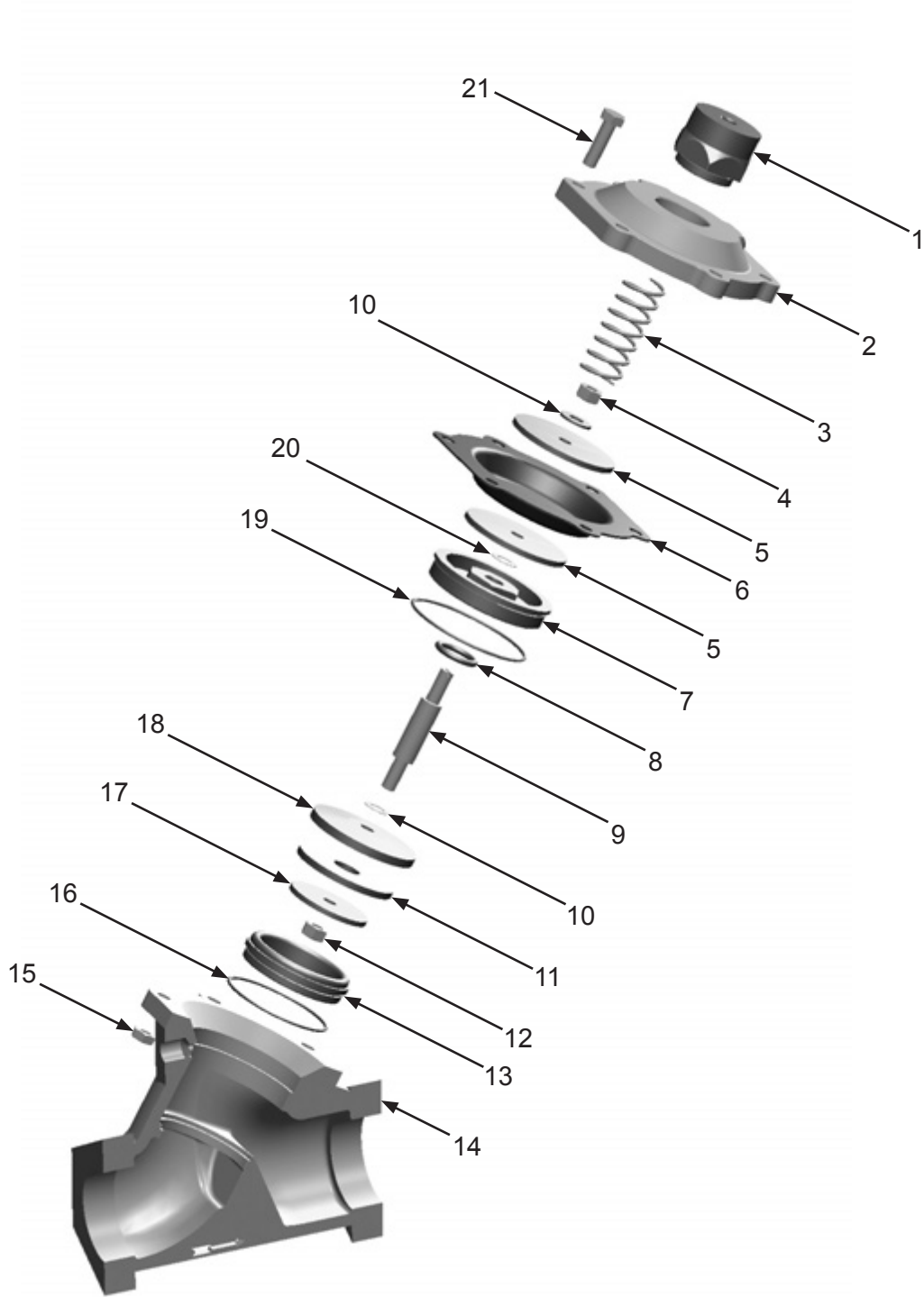
PART NUMBERS & SCHEMATICS

Blastmaster® 2" GateKeeper Air Valve

Item #	Part #	Description
Fig. 4		
—	1013300	Blastmaster® 2" GateKeeper Air Valve – Complete
1	1013322	Spring Retainer
2	1013312	Cap
3	1013323	Spring
4	1013313	Lock Nut
5	1013315	Diaphragm Plate <i>(Two Required)</i>
6	1013303	Diaphragm
7	1013305	Retainer Bushing
8	1013306	O-ring
9	1013318	Shaft
10	1013319	Shaft Gasket <i>(Two Required)</i>
11	1013320	Disc
12	1013311	Lock Nut
13	1013309	Seat
14	1013317	Body
15	1013316	Hex Nut <i>(Six Required)</i>
16	1013308	Seat O-Ring
17	1013310	Disc Plate
18	1013307	Disc Retainer
19	1013304	O-ring
20	1013302	Gasket
21	1013314	Bolt <i>(Four Required)</i>
—	1013301	GateKeeper Repair Kit <i>(Includes Item #'s: 4, 6, 8, 10, 11, 12, 17, 19, and 20)</i>
—	1013124	Seat Tool
—	1013125	Retainer Bushing Tool
—	1090011	Operator's Manual – KwikFire 130E Remote Control System

PART NUMBERS & SCHEMATICS

Figure 4: Blastmaster® 2" GateKeeper Air Valve



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