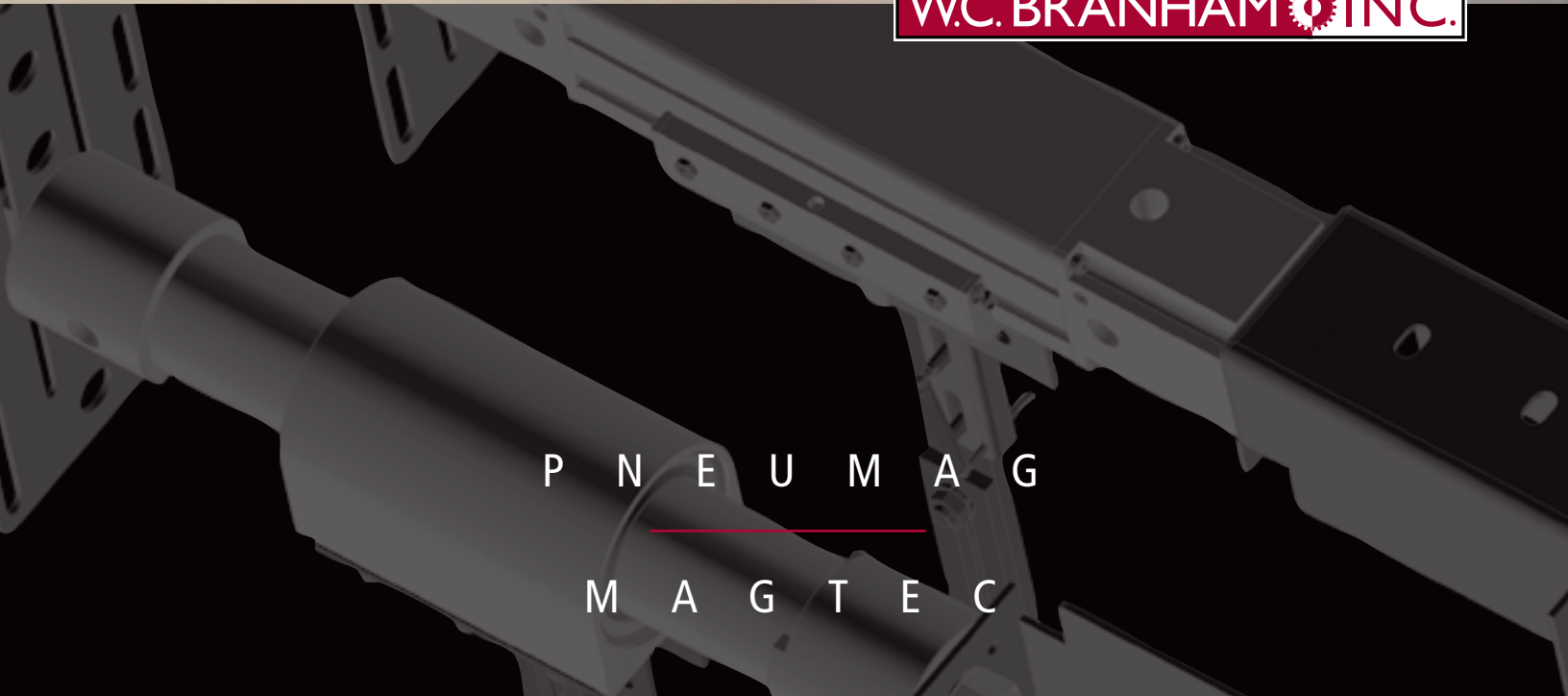




**DoorTec**<sup>TM</sup>  
PNEUMATIC OPENING SYSTEMS

**W.C. BRANHAM  INC.**



P N E U M A G  
M A G T E C

*DoorTec™ Pneumatic Opening Systems are a new generation of door openers manufactured by W.C. Branham Inc. for the overhead door industry.*

Car Care retail centers like car wash, oil change and automotive tire replacement stores as well as auto

dealerships will benefit from DoorTec technology that offers worry-free pneumatic operation and reliability even in cold weather.

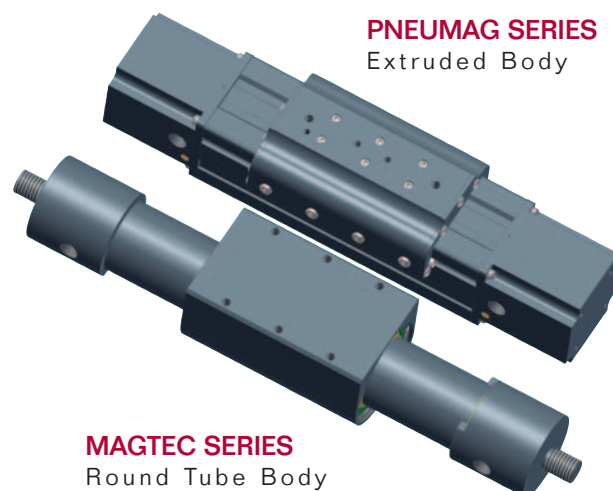
Warehouse distribution centers, fire stations as well as Local, State,

Federal Government and Military buildings with multiple bay doors, will also benefit from W.C. Branham Inc. DoorTec solutions to pneumatic high rise and low rise door opening systems.

*DoorTec™ Pneumatic Opening Systems offer a choice of magnetically coupled linear actuators.*

Choose the PNEUMAG™ series designed around a dual chamber extruded aluminum body which is protected with a Duranodic® hardcoat. PNEUMAG™ features external guiding and load support along the body length. Choose the MAGTEC™ series, with its' aluminum round tube body, 1/8 inch wall thickness, and a special finish at 68 Rockwell hardness.

MAGTEC™ is a feature packed door opening solution offering tremendous value. Both actuators are internally sealed which eliminates the need for a pressurized sealing strip along the length of the actuator body.



**PNEUMAG SERIES**  
Extruded Body

**MAGTEC SERIES**  
Round Tube Body

*DoorTec™ Jack Shaft Operators, (JSO), featuring PNEUMAG™ and MAGTEC™ technology fit where horizontal or vertical space is limited.*

Jack Shaft Operators integrate with the overhead door's shaft taking a mechanical advantage of the circumference of the cable drum. For example, an eight foot door lift requirement can be achieved with a horizontally or vertically mounted 36 inch stroke Jack Shaft Operator. The smaller footprint of the JSOs not only saves space but reduces the cost per opener significantly.

After deciding on the mounting orientation and which magnetically coupled linear actuator best fits the application, the next step is to choose a system package that includes a mounting kit and a pneumatic control unit (with or without an emergency open capability). Accessory items like sensors are also available from W.C. Branham Inc.

**All DoorTec models include  
a 36 month warranty**

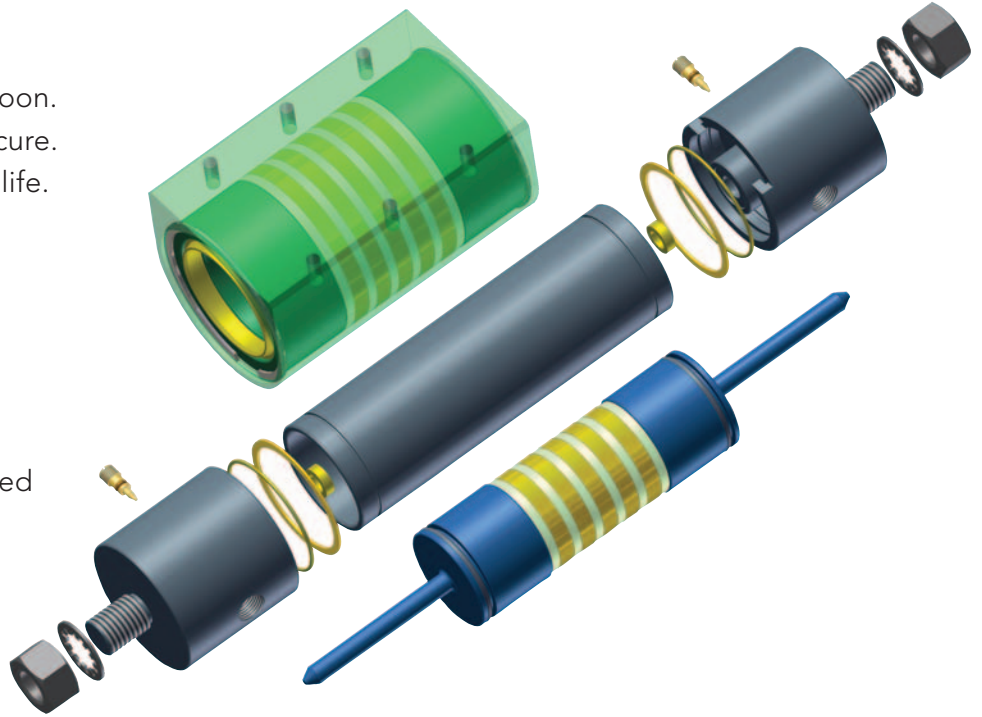
*See web site for details.*





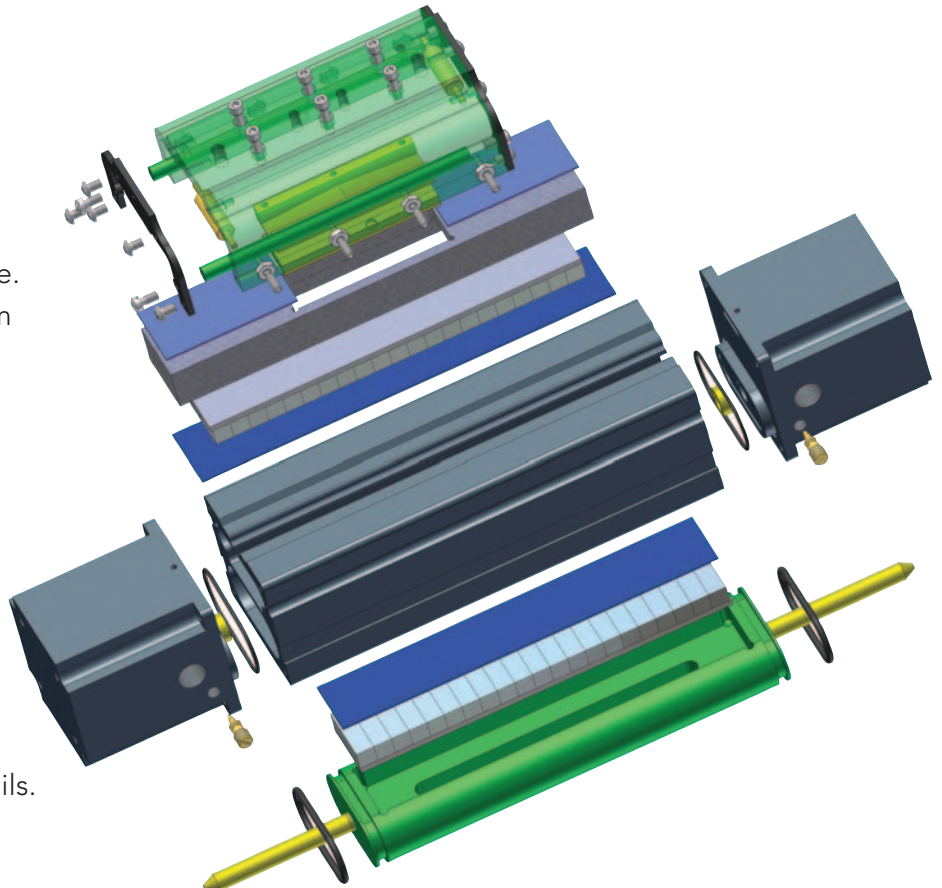
## MAGTEC™

- True 2 inch bore. More sizes coming soon.
- No cables or chains to jump. Safe. Secure.
- Internally sealed for improved service life.
- 1/8 inch wall aluminum tubing hardcoated to 68 RC.
- Adjustable 3 inch internal cushions.
- Carrier grease zerk fittings.
- 3/8 NPT ports.
- Stud Mount.
- Stainless steel hardware and hardcoated components.
- Suitable for car wash door opener applications.
- 36 month warranty. See web site for details.
- Repairable.
- Custom strokes to 276 inches.
- Interchangeable with MAGNAGLIDE™
- Purchase individually or as bundled kits.



## PNEUMAG™

- 1.75 inch bore. More sizes coming soon.
- No cables or chains to jump. Safe. Secure.
- Unique dual chamber extruded aluminum body hardcoated to 68 RC.
- Internally sealed. Externally guided.
- Adjustable 3 inch internal cushions.
- Magnet stack assembly.
- 3/8 NPT ports.
- Choice of stud or head mounting. Head mount shown at right.
- Stainless steel hardware and hardcoated components.
- Suitable for car wash door applications.
- 36 month warranty. See web site for details.
- Repairable.
- Custom strokes to 273 inches.
- Interchangeable models available.
- Purchase individually or as bundled kits.



## Overhead Door Operators, Pneumatic - Low rise horizontal mount. 8, 10, 12 foot doors.

Product No.	Product Name	Operator Bore Size, in.	Overhead Door Size, Ft.	Cyl. Mtg Type	Max. Axial Load, lb.	Decoupling Force, lb.
1744-0019	PNEUMAG-044-HM-102	1.75	8	Head	195	300
1744-0020	PNEUMAG-044-HM-126	1.75	10	Head	195	300
1744-0021	PNEUMAG-044-HM-150	1.75	12	Head	195	300
1750-0021	MAG5-TEC-2.0-SM-102	2.0	8	Stud	289	440
1750-0022	MAG5-TEC-2.0-SM-126	2.0	10	Stud	289	440
1750-0023	MAG5-TEC-2.0-SM-150	2.0	12	Stud	289	440

## Overhead Door Operators, Pneumatic - Low rise horizontal mount. 8, 10, 12 foot doors. Direct Interchange Replacements with MAGNAGLIDE™ from Airlift Doors, Inc.

Product No.	Product Name	Airlift P/N	Overhead Door Size, Ft.	Cyl. Mtg Type	Max. Axial Load, lb.	Decoupling Force, lb.
1750-0036	MAG5-TEC-2.0-SM	MG111	8	Stud	289	440
1750-0037	MAG5-TEC-2.0-SM	MG135	10	Stud	289	440
1750-0038	MAG5-TEC-2.0-SM	MG159	12	Stud	289	440

See feature comparison table on back page. MAGNAGLIDE is a trademark of Airlift Doors, Inc.

## Overhead Door Operators, Pneumatic - Low rise horizontal mount. Operating Kits for 8, 10, 12 Foot Doors.

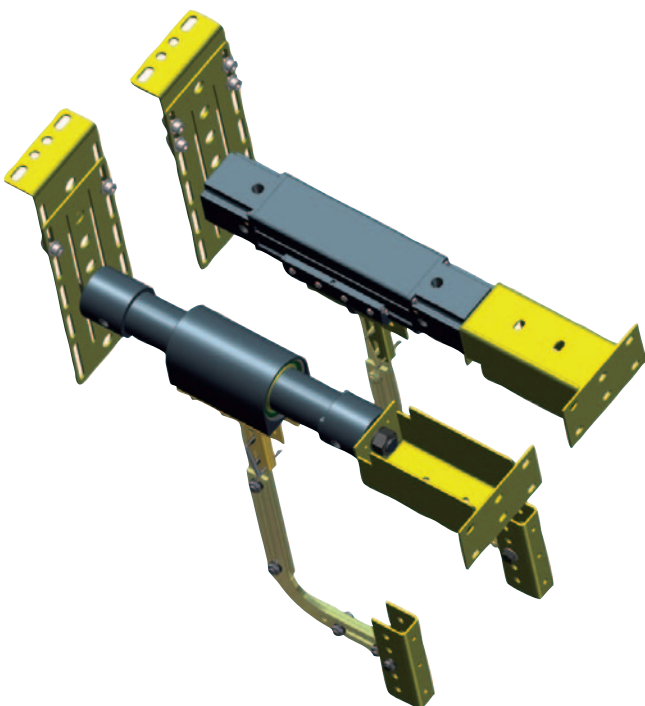
Product No.	Product Name	Operator Bore Size, in.	Overhead Door Size, Ft.	Cyl. Mtg Type	Mounting Kit Inc. (a)	2-Button Control Inc.	Emergency Open
1744-0013	PNEUMAG-044-HM-102-C	1.75	8	Head	Yes	Yes	No
1744-0014	PNEUMAG-044-HM-126-C	1.75	10	Head	Yes	Yes	No
1744-0015	PNEUMAG-044-HM-150-C	1.75	12	Head	Yes	Yes	No
1744-0016	PNEUMAG-044-HM-102-CE	1.75	8	Head	Yes	Yes	Yes
1744-0017	PNEUMAG-044-HM-126-CE	1.75	10	Head	Yes	Yes	Yes
1744-0018	PNEUMAG-044-HM-150-CE	1.75	12	Head	Yes	Yes	Yes
1750-0025	MAG5-TEC-2.0-SM-102-C	2.0	8	Stud	Yes	Yes	No
1750-0028	MAG5-TEC-2.0-SM-126-C	2.0	10	Stud	Yes	Yes	No
1750-0031	MAG5-TEC-2.0-SM-150-C	2.0	12	Stud	Yes	Yes	No
1750-0026	MAG5-TEC-2.0-SM-102-CE	2.0	8	Stud	Yes	Yes	Yes
1750-0029	MAG5-TEC-2.0-SM-126-CE	2.0	10	Stud	Yes	Yes	Yes
1750-0032	MAG5-TEC-2.0-SM-150-CE	2.0	12	Stud	Yes	Yes	Yes

Notes: (a) The horizontal mounting kit p/n for PNEUMAG-044 operators is 1744-9023 and the horizontal mounting kit p/n for MAGTEC is 1744-9020.

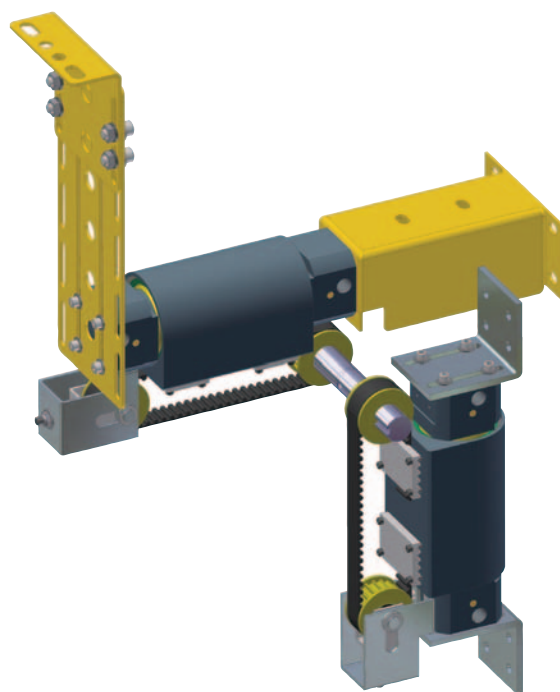
**Overhead Door Jack Shaft Operators (JSO), Pneumatic - Low & high rise vertical or horizontal mount. 8, 10, 12 foot doors and custom sizes.**

Product No.	Product Name	Operator Bore Size, in.	Overhead Door Size, Ft.	Operator (a) Stroke Length	Orientation (b)	Max. Axial Load, lb.	Decoupling Force, lb.
1744-0006	PNEUMAG-044-VM-JSO	1.75	Custom	Specify	Vertical	195	300
1744-0009	PNEUMAG-044-HM-JSO	1.75	Custom	Specify	Horizontal	195	300
1750-0024	MAG5-TEC-2.0-VM-JSO	2.0	Custom	Specify	Vertical	289	440
1750-0040	MAG5-TEC-2.0-HM-JSO	2.0	Custom	Specify	Horizontal	289	440
1744-0050	PNEUMAG-044-VM-JSO	1.75	8	36 in.	Vertical	195	300
1744-0051	PNEUMAG-044-VM-JSO	1.75	10	45 in.	Vertical	195	300
1744-0052	PNEUMAG-044-VM-JSO	1.75	12	54 in.	Vertical	195	300
1744-0010	PNEUMAG-044-HM-JSO	1.75	8	36 in.	Horizontal	195	300
1744-0011	PNEUMAG-044-HM-JSO	1.75	10	45 in.	Horizontal	195	300
1744-0012	PNEUMAG-044-HM-JSO	1.75	12	54 in.	Horizontal	195	300
1750-0050	MAG5-TEC-2.0-VM-JSO	2.0	8	36 in.	Vertical	289	440
1750-0001	MAG5-TEC-2.0-VM-JSO	2.0	10	45 in.	Vertical	289	440
1750-0002	MAG5-TEC-2.0-VM-JSO	2.0	12	54 in.	Vertical	289	440
1750-0041	MAG5-TEC-2.0-HM-JSO	2.0	8	36 in.	Horizontal	289	440
1750-0042	MAG5-TEC-2.0-HM-JSO	2.0	10	45 in.	Horizontal	289	440
1750-0043	MAG5-TEC-2.0-HM-JSO	2.0	12	54 in.	Horizontal	289	440

Notes: (a) Stroke length required using a 17.08 inch cable drum circumference. (b) All Jack Shaft Operators include either a horizontal or vertical mounting kit. Order separately either #1750-1050 standard 2-button control box or #1750-1051 standard 2-button control box with emergency open.

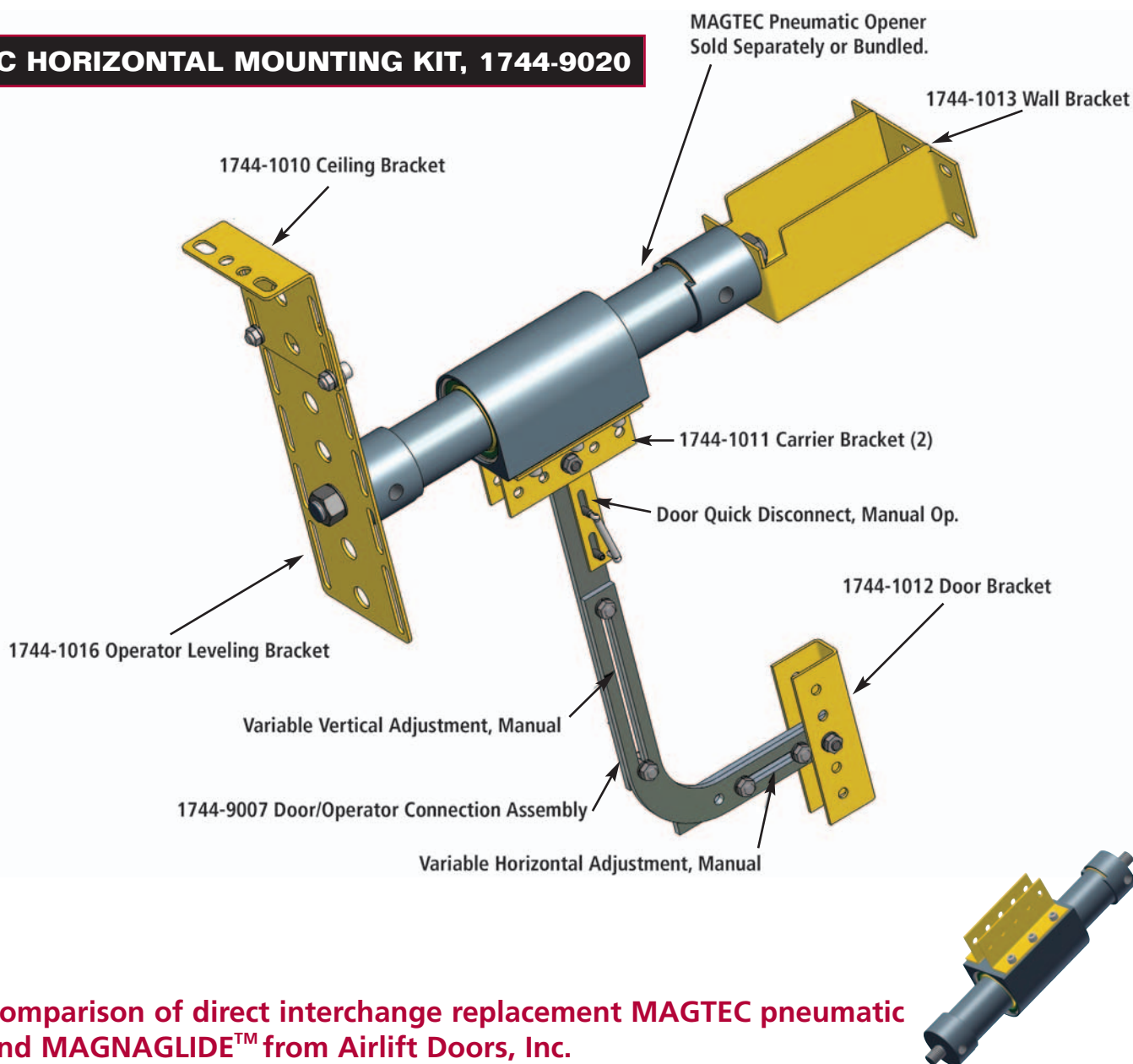


**LOW RISE HORIZONTAL MOUNTING**



**JSO LOW & HIGH RISE  
HORIZONTAL AND VERTICAL MOUNTING**

## MAGTEC HORIZONTAL MOUNTING KIT, 1744-9020



Feature comparison of direct interchange replacement MAGTEC pneumatic opener and MAGNAGLIDE™ from Airlift Doors, Inc.

Product	Tube Type	Cushions	Port Size, NPT	Repairable	Carrier Grease Zerks	Tube Wipers	Magnet Coupling Force	Stainless Steel Hardware
MAGNAGLIDE	1.87 in. I.D. x 2.0 in. O.D. Stainless	NONE	1/4	NO	NO	NO	331 Lbs.	YES
MAGTEC	2.0 in. ID x 2 1/4 in. O.D. Aluminum Hardcoated to 68 R.C.	1.0 in. internal adjustable / 3.0 in. optional	3/8	YES	YES	YES	440 Lbs.	YES



**W.C. BRANHAM INC.**

CUSTOMER SERVICE 1.800.428.1974  
TELE 1.715.426.2000 • FAX 1.715.426.1400  
EMAIL: WCBASSIST@WCBRANHAM.COM

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