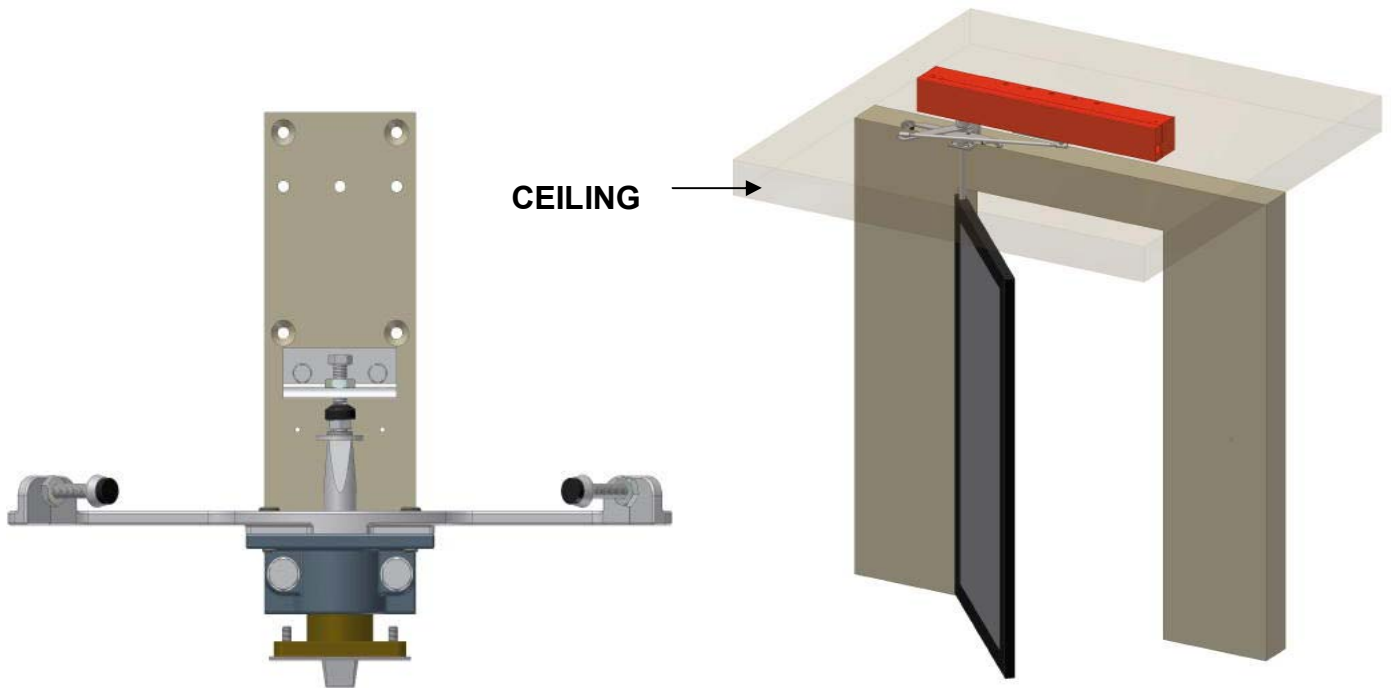


**Carey Automatic Door, LLC**  
**1 - PNEUMATIC OPERATOR FOR SWINGING DOOR - CONCEALED**

**MAGIC STAR**



**Packages 20, 21, 22, 23**

SHAFT LENGTH	CLEARANCE DOOR TOP TO OPERATOR TOP
6-5/32"	15"
7-3/8"	16-1/4"
10-3/8"	19-1/4"
16-3/8"	25-1/4"
22-3/8"	31-1/4"
38-3/8"	37-1/4"
34-3/8"	43-1/4"
39-3/8"	48-1/4"

**FACTORS TO CONSIDER BEFORE ORDERING:**

- HAND:** Specify Right Hand for clockwise swinging doors,  
Left Hand for counterclockwise swinging doors.
- OPENING:** Determines size of operator required.
- SAFETY SWITCH:** Safety Switch 408987 required when safety device is used.

All operators shipped as single acting. Closing Valve Kit (307381, ALL AIR 940100) is available as extra for double acting. Recommended where windy conditions exist.

Emergency Release available for "IN" applications. Refer to Packages 21, 23, 25 & 27.

**CONSIDER WHETHER YOU NEED ANY OR ALL OF THE FOLLOWING:**

Closing Valve Kit 307381, 940100 for Double Acting Operation; Safety Switch 408987; Controls; and Door Pivots or Hinges.

# Carey Automatic Door, LLC

## 1 - PNEUMATIC OPERATOR FOR SWINGING DOOR - CONCEALED

### OPERATOR CONCEALED OVERHEAD

For ALL AIR Pkgs. 20 & 21, See Page CP-6C

Star Pivot Length, See Page CP-6

PKG NO.	PART NO.	DESCRIPTION	SIZE OF OPENING
20	307714	14" 01 STAR	30" to 48"
21	307715	14" 01 STAR w/Emergency Release	30" to 48"
22*	307716	14" 011 STAR Pair of Doors	48" to 72"
23*	307717	14" 011 STAR Pair of Doors w/Emergency Release	48" to 72"

Note: For Pkg. 20 & 21 only - LH Package change 2nd digit to = 8

\*Packages 22 & 23 Handle a Pair of Doors

PKG NO. 20	PKG NO. 21	PKG NO. 22	PKG NO. 23	ITEM DESCRIPTION
1 - 103155 (6)	1 - 103155 (6)	--	--	OPERATOR OS 14" RH (LH)
--	--	1 - 103303	1 - 103303	OPERATOR O11S 14"
1 - 402121	--	2 - 402121	--	LEVER
--	1 - 406234	--	2 406234	LEVER - Emergency Release 017S - 14"
1 - 402371	1 - 402371	2 - 402371	2 - 402371	DOOR ARM - STAR
1 - 409318	1 - 409318	2 - 409318	2 - 409318	DOOR ROD
1 - 403257	1 - 403257	--	--	SLIDE BAR - Universal
--	--	1 - 307690	1 - 307690	BALL STUD PACKAGE
1 - 405113	1 - 405113	1 - 405113	2 - 405113	PIVOT - BOTTOM
--	1 - 402923	--	2 - 402923	EMERGENCY CUTOFF SWITCH
1 - SPECIFY	1 - SPECIFY	1 - SPECIFY	1 - SPECIFY	PIVOT - 102126 specify length below
1 - 515430	1 - 515430	1 - 515430	1 - 515430	PLUG-IN RELAY

### OPERATOR CONCEALED UNDER FLOOR

For ALL AIR Pkgs. 24 & 25, See Page CP-6C

Mole Pivot Length, See Page CP-6A

PKG NO.	PART NO.	DESCRIPTION	SIZE OF OPENING
24	307718	14" 01 MOLE	30" to 48"
25	307719	14" 01 MOLE w/Emergency Release	30" to 48"
26*	307720	14" 011 MOLE Pair of Doors	48" to 72"
27*	307721	14" 011 MOLE Pair of Doors w/Emergency Release	48" to 72"

Note: For Pkg. 24 & 25 only - LH Package change 2nd digit to = 8

\*Packages 26 & 27 Handle a Pair of Doors

PKG NO. 24	PKG NO. 25	PKG NO. 26	PKG NO. 27	ITEM DESCRIPTION
1 - 103155 (6)	1 - 103155 (6)	--	--	OPERATOR OS 14" RH (LH)
--	--	1 - 103303	1 - 103303	OPERATOR O11S 14"
1 - 402121	--	2 - 402121	--	LEVER - 014 ML
--	1 - 406234	--	2 - 406234	LEVER - Emergency Release 017M - 14"
1 - 502651	1 - 502651	2 - 502651	2 - 502651	DOOR ARM
1 - 310079	1 - 310079	2 - 310079	2 - 310079	PIVOT - TOP
1 - 409318	1 - 409318	2 - 409318	2 - 409318	DOOR ROD
1 - 403257	1 - 403257	--	--	SLIDE BAR - Universal
--	--	1 - 307690	2 - 307690	BALL STUD PACKAGE
--	1 - 402923	--	2 - 402923	EMERGENCY CUTOFF SWITCH
1 - SPECIFY	1 - SPECIFY	2 - SPECIFY	2 - SPECIFY	PIVOT - 103030 specify length below
1 - 515430	1 - 515430	1 - 515430	1 - 515430	PLUG-IN RELAY

**Carey Automatic Door, LLC**  
**1 - PNEUMATIC OPERATOR FOR SWINGING DOOR - CONCEALED**

**ALL AIR OPERATOR CONCEALED OVERHEAD**  
**STAR Pivot Length, See Page CP-6**

PKG NO.	PART NO.*	DESCRIPTION	SIZE OF OPENING
20AA	347714	14" 01 STAR All Air	30" to 48"
21AA	347715	14" 01 STAR w/Emergency Release All Air	30" to 48"

PACKAGE NO. 20AA	PACKAGE NO. 21AA	ITEM DESCRIPTION
1 - 103305 (6)	1 - 103305 (6)	OSX - 14" RH (LH) ALL AIR OPERATOR
1 - 920100	1 - 920100	ALL AIR VALVE PACKAGE
1 - 402121	--	LEVER - O14SL
--	1 - 406234*	LEVER - Emergency Release 017S-14**
1 - 402371	1 - 402371	DOOR ARM - STAR
1 - 409318	1 - 409318	DOOR ROD
1 - 403257	1 - 403257	SLIDE BAR - Universal
1 - 405113	1 - 405113	FERGUSON BOTTOM PIVOT
--	1 - 402923*	EMERGENCY CUTOFF SWITCH**
1 - 102126	1 - 102126	STAR PIVOT - Specify proper length from table
2 - 402839	2 - 402839	PULL CORD MA-10 OR
2 - 409693	2 - 409693	PALM BUTTON

**ALL AIR OPERATOR CONCEALED UNDER FLOOR**  
**MOLE Pivot Length, See Page CP-6A**

PKG NO.	PART NO.*	DESCRIPTION	SIZE OF OPENING
24AA	347718	14" 01 MOLE All Air	30" to 48"
25AA	347719	14" 01 MOLE w/Emergency Release All Air	30" to 48"

PACKAGE NO. 24AA	PACKAGE NO. 25AA	ITEM DESCRIPTION
1 - 103305 (6)	1 - 103305 (6)	OSX - 14" RH (LH) ALL AIR OPERATOR
1 - 920100	1 - 920100	ALL AIR VALVE PACKAGE
1 - 402121	--	LEVER - O14ML
--	1 - 406234*	LEVER - Emergency Release 017M-14**
1 - 502651	1 - 502651	DOOR ARM
1 - 310079	1 - 310079	TOP PIVOT
1 - 409318	1 - 409318	DOOR ROD
1 - 403257	1 - 403257	SLIDE BAR - Universal
--	1 - 402923*	EMERGENCY CUTOFF SWITCH**
1 - 103030	1 - 103030	MOLE PIVOT - Specify proper length from table
2 - 402839	2 - 402839	PULL CORD MA-10 OR
2 - 409693	2 - 409693	PALM BUTTON

\*NOTE: For LH Packages, change 2nd digit of part number to = 5.

\*\*Emergency Release Lever (406234) and Emergency Cutoff Switch (402923) cannot be used for Explosion Proof applications as electrical input is required.

See Page CP-13 for additional ALL AIR and Explosion Proof information.