

# MODEL CDG025 INSTALLATION INSTRUCTIONS

## Adjustable Size 2-5 Door Closer c/w Fig. 6 Bracket

<b>CDG025</b> Adjustable Size 2-5 Door Closer c/w Bracket											
			Carlisle Brass Ltd. Parkhouse Road, Carlisle, CA3 0JU								
1121-CPD-AD5397						18					
EN 1154: 1996 + A1: 2002 + AC: 2006											
Fig 1						Fig 6					
3	8	5 2	1	1	3	3	8	4 2	1	1	3



### IMPORTANT INFORMATION

#### SELECTING THE CORRECT DOOR CLOSER TO SUIT DOOR SIZE

Minimum size 3 MUST be used on fire doors. Hold open arms must NOT be used on fire doors. * Minimum size for use on fire doors.	Power Size	Max. Width of Door	Max. Mass of Door
	2	850mm	40Kg
	3*	950mm	60Kg
	4	1100mm	80Kg
	5	1250mm	100Kg

This door closer is pre-set to power 3.  
If you need to increase or reduce the power, do so now using the allen key provided.  
The power valve is positioned on the end of the closer body.

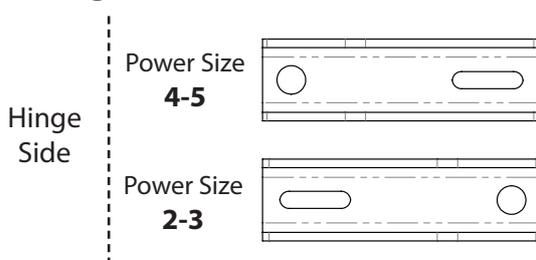
Power Size 2 - Rotate 4 times in anti-clockwise direction.

Power Size 4 - Rotate 3 times in clockwise direction.

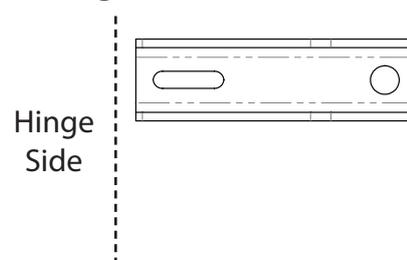
Power Size 5 - Rotate 7 times in clockwise direction.

This product is non-handed and can be fitted on both left handed and right handed doors.

**Fig 1** Power Shoe Detail



**Fig 6** Power Shoe Detail



**PLEASE LEAVE THESE INSTRUCTIONS WITH THE END USER**

Declarations of Performance, and other information can be downloaded from [www.carlislebrass.com](http://www.carlislebrass.com)

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## INSTALLATION - FIG 1 APPLICATION - ANGLE OF OPENING LIMITED TO 150°

### Fig 1 - Standard Application (Door closer fitted on pull face of door)

1. Ensure that the door and surrounding frame are in good condition, flush with one another and that the door closes freely.
2. The unit is set to power size 3. If alternate power size is required, adjust now as per instruction on page 1.
3. Please refer to the supplied 1:1 scale fitting template for clockwise closing and anti-clockwise closing doors. Ensure you select the correct details for the doors application and drill pilot holes in door and frame accordingly.
4. Detach the main arm from the slider arm at the knuckle joint, and attach the main arm onto the door closer pinion at an angle of 90°, then fasten securely with machine bolt provided.  
The side of the door closer **with** the latching and closing speed adjustment valves must be positioned towards the hinges (in Fig. 1) so ensure the arm is fitted with the correct pinion point.
5. Secure the closer body to the door, ensuring the latching and closing speed adjustment valves face the direction of the hinges.
6. Fix the power shoe of the slider arm to the frame (Refer to **Power Shoe Detail** on page 1).  
The final resting position of the slider arm once attached to the main arm should be 90° from door face.  
Adjust the slider section accordingly and tighten the fixing bolts. When satisfied with position, attach both arm sections at the knuckle joint and tighten bolt on screwed section. Fix dust cover to the bottom pinion.
7. Operate the door and adjust the closing and/or latching speed valves as necessary.  
Do not unwind any of the valves completely as this will cause the unit to fail.

## INSTALLATION - FIG 6 APPLICATION - ANGLE OF OPENING LIMITED TO 150°

### Fig 6 - Parallel Mount Application (Door closer fitted on push face of door)

1. Ensure that the door and surrounding frame are in good condition, plumb and that the door closes freely.
2. The unit is set to power size 3. If alternate power size is required, adjust now as per instruction on page 1.
3. Please refer to the supplied 1:1 scale fitting template for clockwise closing and anti-clockwise closing doors. Ensure you select the correct details for the doors application and drill pilot holes in door and frame accordingly.
4. Secure the Fig. 6 bracket to the underside of the frame.
5. Detach the main arm from the sliding arm at the knuckle joint, and attach the main arm onto the door closer pinion at an angle of 45° (door opening direction), then fasten securely with machine bolt provided.  
The end of the closer **without** the latching and closing speed adjustment valves must be positioned away from the hinges (in Fig.6) so ensure the arm is fitted on the correct pinion point.
6. Fully adjust (clockwise) closing speed valve 1. Carefully pull the main arm back by approx 90° so it is away from the doorside of the closer body. Secure closer body to the door.
7. Fix the power shoe of the slider arm section to the Fig. 6 bracket (Refer to **Power Shoe Detail** on page 1).  
Attach the slider arm to the knuckle joint of main arm and adjust the length accordingly, then tighten the fixing bolts.  
The final resting position of the main arm should be horizontal with face of door.  
Fix dust cover to the bottom pinion.
8. Operate the door and adjust the closing and/or latching speed valves as necessary.  
Do not unwind any of the valves completely as this will cause the unit to fail.

## MAINTENANCE

Check that the door closer closes the door correctly and adjust as necessary.  
Ensure fixing screws are tight and periodically apply light oil or grease to arm pivot joints.

Failure to install this product as per these instructions and dimensions will negate guarantee.