

# RADIUS

## Next Generation Door Closers

Rack & Pinion | Cam Action | Transom



RACK & PINION



Cycle tested to a massive  
**500,000** openings with  
zero failures.



TRANSOM



CAM ACTION

Cycle tested to a massive 500,000 openings with zero failures.

# Carbine Radius

## Next Generation

### Door Closers

The Carbine Radius contains thirteen models to choose from, which includes four Rack & Pinion, four Cam Action and five Transom models including a sleek designed matte black finish to complement the latest door trends in the market.

\* Matte black finish is available in the Rack & Pinion range (CDC-1-MB)



Easy to install



High quality & reliable



Great range of functions



Carbine Radius is the next generation of commercial door closers. Bringing together years of ingenuity and innovation, the Carbine Radius series includes four Cam Action models, four Rack & Pinion models, and five Transom models to choose from.

Available in a modern silver finish for all Cam Action and Rack & Pinion models and a sleek designed matte black finish for the Rack & Pinion range to complement the latest door trends in the market, the Carbine Radius series is constructed with a superior quality extruded anodised aluminium body for better performance, allowing the Carbine Radius to be cycle tested to a massive 500,000 openings with zero failures, according to the latest standards.

CAM ACTION



RACK & PINION



TRANSOM



The Carbine concealed Transom Door Closers represent a powerhouse of strength. Offering an adjustable closing latch with adjustable power ratings of 2 to 4 on three models, and a rating of 5 on the top end models. The Carbine Transom Door Closers are available in hold open or non-hold open, have a maximum opening setting of up to 130 degrees, and a maximum door weight of up to 150kg, making them perfect for new installations or an easy retrofit solution as they also include all the required standard installation parts.

The Carbine Radius Cam Action and Rack & Pinion range are fire rated thanks to its new fire-resistant design making it ideal to be installed on commercial doors with a maximum weight of 120kgs.

With adjustable closing and latching speeds, adjustable back check with a thermo-constant valve which adjusts the delayed action, and standard and parallel arm fittings as well as a slide rail arm and hold open arm available as spares, the range allows for easy installation, featuring a non-handed design that is supplied with both wood and metal self-tapping screws, making the Carbine Radius perfect for use on single action, inward or outward aluminium and timber doors.



CARBINE RADIUS

# Rack & Pinion



- 2-hour fire rated under AS1905 standards
- Tested to EN1154 standards
- Max opening angle 180 degrees
- Adjustable closing and latching speed
- Adjustable back check
- Thermo-constant valve
- Surface mount
- Transom mount on push side
- Supplied with standard and parallel arm fittings
- Single-action door
- Non-handed installation
- Supplied with timber and self-drilling metal screws
- Constructed with extruded anodised aluminium body
- Track arms available for all models
- Hold open arms available for all models

The Carbine Radius Rack & Pinion series includes four models with adjustable closing, latching speeds, and back check. They are all single-action closers with a transom mount on the push side and non-handed installation making them easy to install on inward or outward opening doors.

The Carbine Radius Rack & Pinion door closers are supplied with everything you need for your next installation including standard and parallel arm fittings, and timber and self-drilling metal screws.



## CDC-1-S CDC-1-MB

RADIUS RACK & PINION

- + Adjustable power size 2-4
- + Parallel bracket mount on size 3-4
- + Max door width 1100mm
- + Size 2 width of 850mm and weight of 40kg
- + Size 3 width of 950mm and weight of 60kg
- + Size 4 width of 1100mm and weight of 80kg
- + Positional mounting for closer strength
- + Body size 207mm x 60mm x 39mm
- + Available in silver finish - CDC-1-S
- + Available in matte black finish - CDC-1-MB



## CDC-3-S

RADIUS RACK & PINION

- + Adjustable power size 2-4
- + Parallel bracket mount on size 3-4
- + Max door width 1100mm
- + Size 2 width of 850mm and weight of 40kg
- + Size 3 width of 950mm and weight of 60kg
- + Size 4 width of 1100mm and weight of 80kg
- + Body size 236mm x 60mm x 39mm
- + Drop plates available for this model
- + Available in silver finish



## CDC-5-S

RADIUS RACK & PINION

- + Adjustable power size 2-6
- + Parallel bracket mount on size 3-5
- + Max door width 1400mm
- + Adjustable delayed action
- + Size 2 width of 850mm and weight of 40kg
- + Size 3 width of 950mm and weight of 60kg
- + Size 4 width of 1100mm and weight of 80kg
- + Size 5 width of 1250mm and weight of 100kg
- + Size 6 width of 1400mm and weight of 120kg
- + Body size 256.5mm x 60mm x 48mm
- + Drop plates available for this model
- + Available in silver finish



CARBINE RADIUS

# Cam Action



2-hour fire rated under AS1905 standards

Tested to EN1154 standards

Max opening angle 180 degrees

Adjustable closing and latching speed

Adjustable back check

Thermo-constant valve

Surface mount

Supplied with standard track arm

Single-action door

Non-handed installation

Supplied with timber and self-drilling metal screws

Constructed with extruded anodised aluminium body

Available in silver finish

Retrofit mounting plates available

Hold open packs available

Angle brackets available

**The Carbine Radius Cam Action series includes four models with adjustable closing, latching speeds, and back check with a thermo-constant valve which adjusts the delayed action.**

They are all single-action closers with a transom mount in either push or pull side and non-handed installation making them easy to install on inward or outward opening doors.

The Carbine Radius Cam Action door closers are supplied with everything you need for your next installation including standard track arm fittings, and timber and self-drilling metal screws.

## CDC-CA1B-S CDC-CA1G-S

RADIUS CAM ACTION

- + Adjustable power size 1-4
- + Max door width 1100mm
- + Size 2 width of 850mm and weight of 40kg
- + Size 3 width of 950mm and weight of 60kg
- + Size 4 width of 1100mm and weight of 80kg
- + Body size 240mm x 56mm x 43mm

### ■ CDC-CA1B-S

Door mount on pull side & transom mount on push side.

### ■ CDC-CA1G-S

Door mount on push side & transom mount on pull side.

## CDC-CA2B-S CDC-CA2G-S

RADIUS CAM ACTION

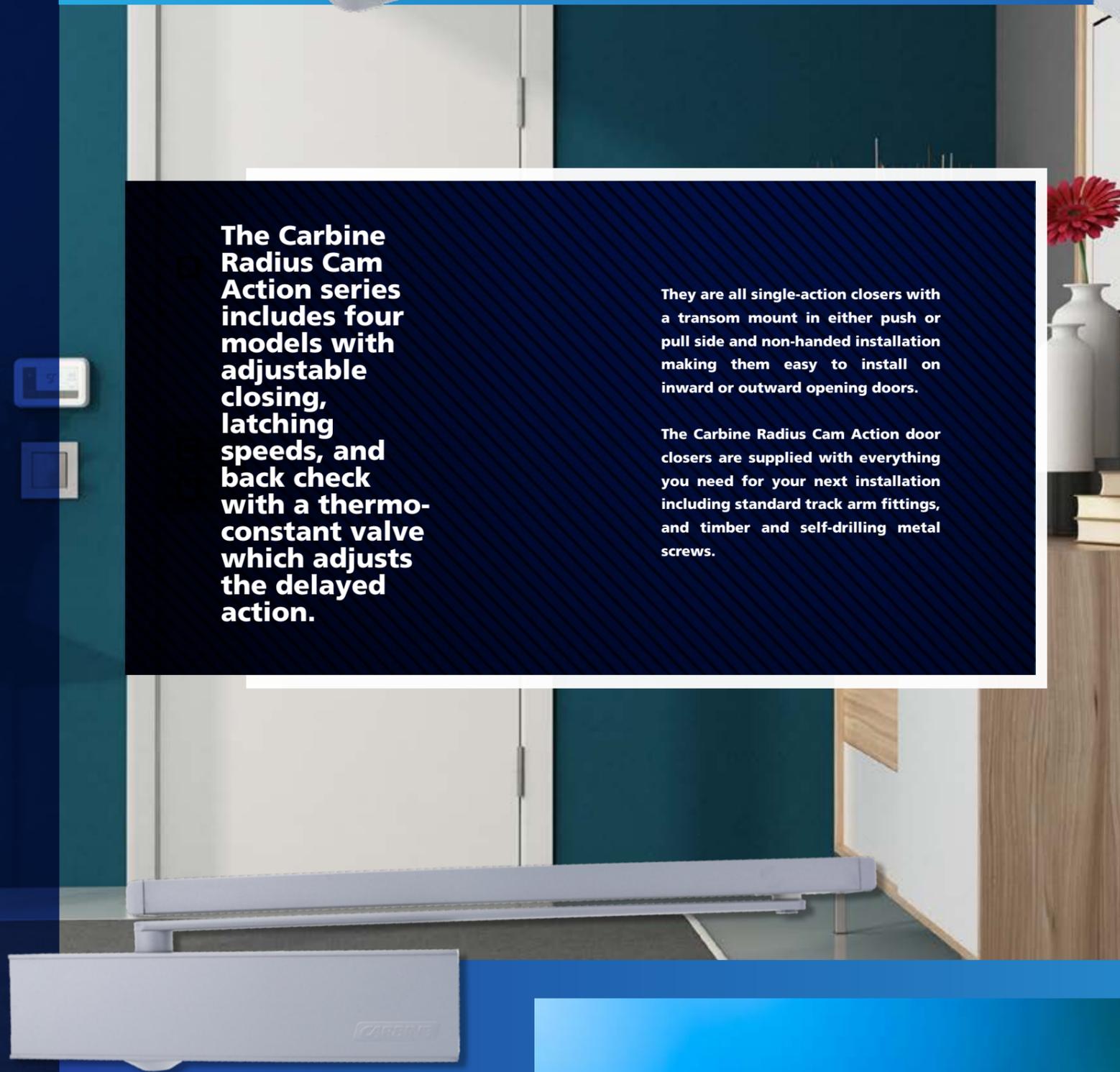
- + Adjustable power size 1-5
- + Max door width 1250mm
- + Size 2 width of 850mm and weight of 40kg
- + Size 3 width of 950mm and weight of 60kg
- + Size 4 width of 1100mm and weight of 80kg
- + Size 5 width of 1250mm and weight of 100kg
- + Adjustable delayed action
- + Body size 257mm x 60mm x 48mm

### ■ CDC-CA2B-S

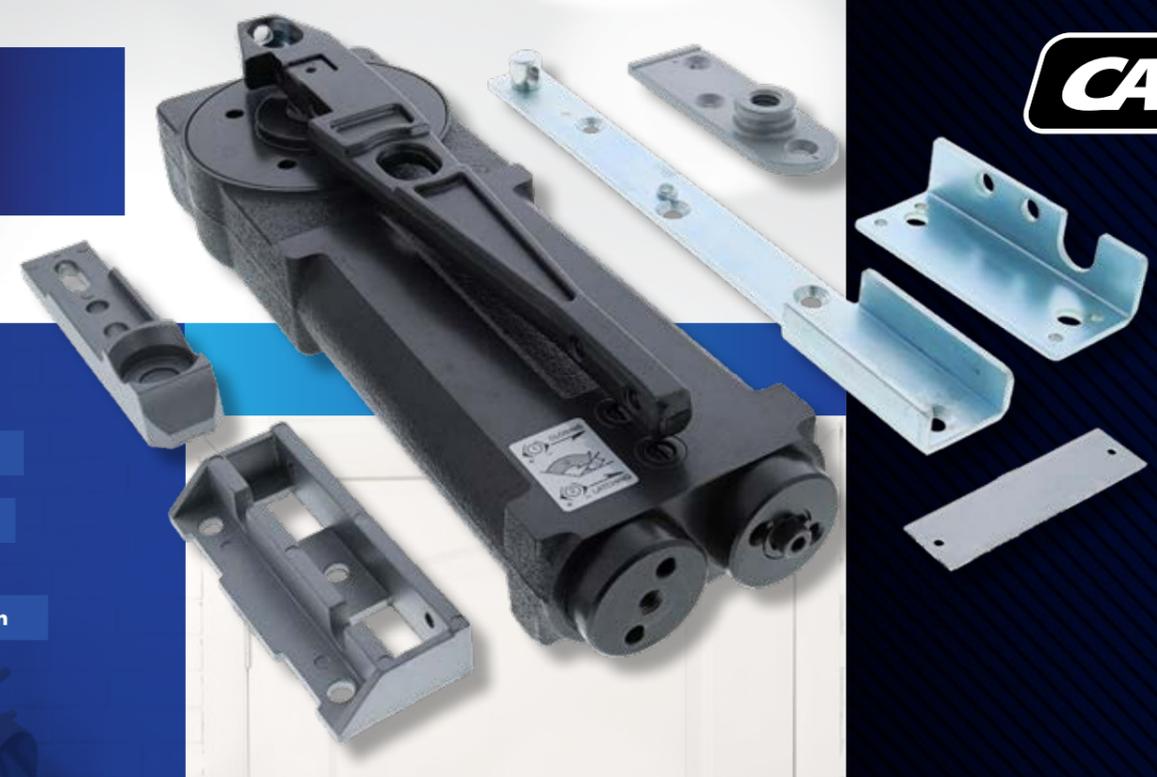
Door mount on pull side & transom mount on push side.

### ■ CDC-CA2G-S

Door mount on push side & transom mount on pull side.



CARBINE RADIUS  
**Transom**



- Adjustable closing and latching speed
- Suitable for single and double action doors
- Available in hold open or non-hold open models
- Easy retrofit solution

The Carbine concealed Transom Door Closers represent a powerhouse of strength. Offering an adjustable closing latch with adjustable power ratings of 2 to 4 on three models, and a rating of 5 on the top end models.

The Carbine Transom Door Closers are available in hold open or non-hold open, have a maximum opening setting of up to 130 degrees, and a maximum door weight of up to 150kg, making them perfect for new installations or an easy retrofit solution as they also include all the standard installation parts required.

**CTC-1**

RADIUS TRANSOM

- + Strength 2-4
- + Suits doors up to 100kg (up to 150kg with spare heavy duty pivot)
- + Suits door 900mm to 1100mm wide
- + Available in hold open or non hold open models
- + Available with opening options of 90 and 105 degrees
- + Includes arm and all fixings

**CTC-5**

RADIUS TRANSOM

- + Strength 5
- + Suits doors up to 150kg
- + Suits doors 1250mm wide
- + Available in 90 degree hold open or non hold open models
- + Includes arm and all fixings



**Carbine Radius Next Generation Door Closers**

Rack & Pinion  
Cam Action  
Transom

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*Innovation in Lock Design Since 2002*

*All Carbine locks are developed in collaboration with some of Australia's most talented and visionary locksmiths.  
It's your guarantee of superior quality, versatility and ease-of-installation.*

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