















3

Door Control Selection Chart

	Max Size 3 (Light Duty)	Max Size 4 (Medium Duty)	Max Size 4 (Medium Duty)	Max Size 4 (Medium Duty)	Max Size 4 (Medium Duty)	Max Size 4 (Medium Duty)
Product Image						
Product Reference	AR450	AR6800 and AR6900	AR8200	AR8500	AR7383	AR6509
Power Size	3	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4
Arm Type	Standard	Platform	Platform	Platform	Slide	Slide
Power Adjustment Method	Fixed	Template	Template	Template	Spring	Spring
Max Door Width (Fig 1, Fig 6, Fig 61)	950 mm	1100 mm (Fig 1 & 61) 950 mm (Fig 6)	1100 mm (Fig 1 & 61) 950 mm (Fig 6)	1100 mm (Fig 1 & 61) 950 mm (Fig 6)	1100 mm (Regular & Transom fixing)	1100 mm (Regular & Transom pull only)
Max Door Weight (Fig 1, Fig 6, Fig 61)	60 kgs	80 kgs (Fig 1 & 61) 60 kgs (Fig 6)	80 kgs (Fig 1 & 61) 60 kgs (Fig 6)	80 kgs (Fig 1 & 61) 60 kgs (Fig 6)	80 kgs (Regular & Transom fixing)	80 kgs (Regular & Transom pull only)
Mechanism Type	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Cam Action	Cam Action
Adjustable Closing Speed	Yes	Yes	Yes	Yes	Yes	Yes
Backcheck	No	No	Optional	Optional	(Cushion Stop Optional)	No
Delayed Action	No	No	No	No	No	No
Adjustable Latch Action	Yes (Fig 1 Only)	Yes (Fig 1 & 61 Only)	Yes (Fig 1 & 61 Only)	Yes (Fig 1 & 61 Only)	Yes	Yes (Regular Position Only)
CPR Declaration of Performance	HUK0018	HUK0025	HUK0020	HUK0020	HUK0026	HUK0055
BS EN1154/BS EN1155 Classification	4 8 3 1* 1 3 (Fig 1 & 61)	3 8 4/2 1* 1 3 (Fig 1 & 61)	3 8 4/2 1* 1 3 (Fig 1 & 61)	3 8 4/2 1* 1 3 (Fig 1 & 61)	3 8 4/2 1* 1 3 (Regular pull side & Transom push & pull only)	3 8 4/2 1* 1 3 (Regular & Transom pull only)
	3 8 3 1* 1 3 (Fig 6)	3 8 3 1* 1 3 (Fig 6)	3 8 3 1* 1 3 (Fig 6)	3 8 3 1* 1 3 (Fig 6)		
Maximum Opening Angle	180° (Fig 1 & 61) 105° (Fig 6)	105°	105°	105°	120°	105°
Universal Application Fig 1, Fig 6, Fig 61	Yes	Yes	Yes	Yes	Yes (Regular pull)	Yes (Regular pull)
Slide Arm Option	No	No	No	No	Standard	Standard
Stand Open Arm (Hold Open)	No	No	Yes	No	Optional	No
Drop Plate	No	No	No	No	No	No
Timber Door Fire Rating to BS EN1634-1	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60, 90 & 120 Mins	Yes 60 Mins
Metal Door Fire Rating to BS EN1634-1	No	No	Yes – 240 Min	Yes – 240 Min	No	Yes – 240 Min
CE Marked	Yes – Certificate AD0178	Yes – Certificate AD0095	Yes – Certificate AD0118	Yes – Certificate AD0118	Yes, Certificate AD5071	Yes – Certificate AD0191
Certifire	No	Yes – Certificate CF603	Yes – Certificate CF295	Yes – Certificate CF295	Yes – Certificate CF5181	Yes – Certificate CF5038
Electrical Guarantee	N/A	N/A	N/A	N/A	N/A	N/A
Slimline Cover	No	No	No	Yes	No	Yes
Designer Cover	No	Yes	No	No	No	No
Matching Arms	Yes	Yes	Yes	Yes	Yes	Yes
Finishes	SE, GE, WH, BL	SE, GE, WH, BL, PB, SNP, PC	SE, GE, PB, SSS, PSS	SE, GE, PB, SSS, PC, SNP	SE, SNP, PC	SSS

BS8300 / "ADM" minimum door width: Where stated, these products can satisfy the opening force recommendations of BS8300 and ADM when fitted to a door of the minimum stated width according to 3rd party test data. However, other installed hardware, door seals and differential air pressures will affect the products "as fitted" performance meaning that the door closer alone cannot allow compliance to BS8300 and ADM.

Max Size 4 (Medium Duty)	Max Size 5 (Heavy Duty)	Max Size 5 (Heavy Duty)	Max Size 5 (Heavy Duty)	Max Size 6 (Extreme Duty)	Max Size 6 (Extreme Duty)	Max Size 6 (Extreme Duty)
						
AR1998	AR5200	AR5500	AR8300	AR9200	AR9500	AR9300
4 (24v DC)	2 to 5	2 to 5	2 to 5	2 to 6	2 to 6	1 to 6
Flatform	Flatform	Flatform	Flatform	Flatform	Flatform	Flatform
Fixed	Size 2 Template, Size 3-5 Spring	Size 2 Template, Size 3-5 Spring	Spring	Spring	Spring	Spring
1100 mm	1250 mm (Fig 1 & Fig 61) 1100 mm (Fig 6)	1250 mm (Fig 1 & Fig 61) 1100 mm (Fig 6)	1250 mm (Fig 1 & Fig 61) 950 mm (Fig 6)	1400 mm (Fig 1) 1250 mm (Fig 6)	1400 mm (Fig 1) 1250 mm (Fig 6)	1400 mm (Fig 1 & Fig 61) 1250 mm (Fig 6)
80 kgs	100 kgs (Fig 1 & Fig 61) 80 kgs (Fig 6)	100 kgs (Fig 1 & Fig 61) 80 kgs (Fig 6)	100 kgs (Fig 1 & Fig 61) 60 kgs (Fig 6)	120 kgs (Fig 1) 100 kgs (Fig 6)	120 kgs (Fig 1) 100 kgs (Fig 6)	120 kgs (Fig 1 & Fig 61) 100 kgs (Fig 6)
Cam Action Electro Mag	Rack & Pinion	Rack & Pinion	High Performance Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	Yes	Yes	Optional*	Yes	Yes	Optional
No	Optional*	Optional*	Optional*	Optional*	Optional*	Optional*
Yes	Yes (Fig 1 & 61 Only)	Yes (Fig 1 & 61 Only)	Yes	Yes (Fig 1)	Yes (Fig 1)	Yes (Fig 1 & 61 Only)
HUK0006	HUK0005	HUK0005	HUK0028	HUK0029	HUK0029	HUK0056
3 8 4 1* 1 3 (Fig 1)	4 8 5/2 1* 1 4 (Fig 1)	4 8 5/2 1* 1 4 (Fig 1)	3 8 5/2 1* 1 3 (Fig 1 & 61)	4 8 6/2 1* 1 3 (Fig 1)	4 8 6/2 1* 1 3 (Fig 1)	3 8 1/6 1* 1 3 (Fig 1 & 61)
3 8 3 1* 1 3 (Fig 6)	3 8 4/3 1* 1 4 (Fig 6)	3 8 4/3 1* 1 4 (Fig 6)	3 8 3 1* 1 3 (Fig 6)	4 8 5/2 1* 1 3 (Fig 6)	4 8 5/2 1* 1 3 (Fig 6)	3 8 1/5 1* 1 3 (Fig 6)
	4 8 4/2 1* 1 4 (Fig 61)	4 8 4/2 1* 1 4 (Fig 61)				
105°	180° (Fig 1 & 61) 130° (Fig 6)	180° (Fig 1 & 61) 130° (Fig 6)	105°	180°	180°	105°
No	Yes	Yes	Yes	No	No	Yes
Optional*	No	No	No	No	No	No
Yes (Electro Mag)	Optional	Optional	Optional	No	No	No
No	Yes	Yes	Optional*	No	No	No
Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 30, 60 & 120 Mins	Yes 120 Mins
No	Yes – 240 Min	Yes – 240 Min	Yes – 240 Mins	Yes – 240 Mins	Yes – 240 Mins	Yes – 240 Mins
Yes – Certificate AE0017	Yes – Certificate AD0239	Yes – Certificate AD0239	Yes – Certificate AD0136	Yes – Certificate AD0162	Yes – Certificate AD0162	Yes – Certificate AD0087
Yes – Certificate CF494	Yes – Certificate CF295	Yes – Certificate CF295	Yes – Certificate CF494	Yes – Certificate CF295	Yes – Certificate CF295	Yes – Certificate CF497
Yes – 2 years	N/A	N/A	N/A	N/A	N/A	N/A
Yes	No	Yes	Yes	No	Yes	Yes
No	No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes	Yes
SE, PB, SSS, PC, SNP	SE, GE, PB, SSS, PSS	SE, GE, PB, SSS, SNP, PC	SE, PB, SSS, SNP, PC	SE, GE, PB, SSS, PSS	SE, PB, PSS, SSS	SSS

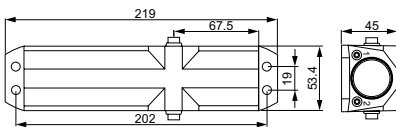
* Features marked with the asterisk indicate that the product falls outside of its CE Marking and Certifire Approval with this feature in use.



AR6800



AR6900-D



AR6800



AR6900-D

ARRONE® 6800 / 6900 Series Door Closer

Power Size 2 – 4 Template Adjustable

This traditional contract unit (AR6800) is widely used in many light frequency commercial applications (especially fire doors) where performance and reliability is required. The addition of our Mini-Designer metal cover (AR6900) further enhances this popular closer.

Features

- Suitable for use on doors 1100 mm maximum/80 kg weight (when fitted in Fig 1)
- Rack and pinion mechanism
- Universal application (Fig 1, Fig 6 and Fig 61)
- Adjustable easy fix snap arm
- Adjustable closing speed and latch action
- Fixings for timber and metal doors

Standards and certification



Quality and performance:

Successfully type tested for conformity to all the requirements of BS EN1154:1997

Fig 1 and 61	3	8	4 2	1*	1	3
Fig 6	3	8	3	1*	1	3



Fire safety: Included in a successful fire test to BS EN1634 Part 1. Assessed for use on 30 min, 1 hour and 2 hour timber fire doors.



CE marked: Certificate 1121-CPD-AD0095



Certifire approved product: Certificate CF603

CPR Declaration of Performance Certificate – HUK0025

Available for download – Go to www.hoppe.co.uk/service/dop-certificates

Finishes

- AR6800 (matching arms): Silver, gold, white, black
- AR6900 (matching arms): Silver, gold, polished brass, polished chrome, satin nickel plated

Product ref.	Article description	Finish	Article no.
AR6800-SE	Door closer, silver body and armset	SE	87105960
AR6800-GE	Door closer, gold body and armset	GE	87106904
AR6800-WH	Door closer, white body and armset (F9016)	WH	89001122
AR6800-BL	Door closer, black body and armset (F9005)	BL	89001129

AR6900-D-SE/SE	Door closer, silver cover and armset	SE	87106817
AR6900-D-GE/GE	Door closer, gold cover and armset	GE	87106818
AR6900-D-PB/PB	Door closer, polished brass cover and armset	PB	87106819
AR6900-D-SNP/SNP	Door closer, satin nickel plated cover and armset	SNP	89002331
AR6900-D-PC/PC	Door closer, polished chrome cover and armset	PC	89002338

Product data sheet

Perform

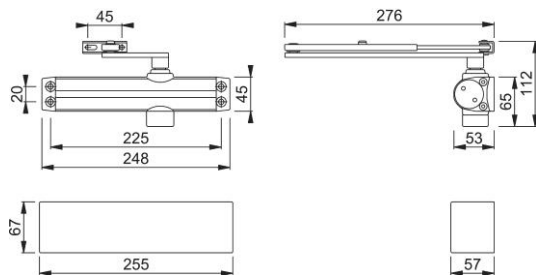
AR1500



Article number	87107182
Product ref.	AR1500-SSS/SSS
EAN-Code	5051358008878
Country of origin	Taiwan
CN-Code	83026000
Door type	wooden door
Maximum door width	1100 mm
Maximum door weight	80 kg
Arm Application	figure 1, 6 and 61
Mechanism function	Backcheck, spring adjustment, closing/latching speed
Mechanism type	Rack & pinion
Fixings	Timber door
Shape	Slimline
Power size	2 to 4
Finish of the cover	Satin Stainless Steel
Arm finish	Satin Stainless Steel
Range	ARRONE Range
Packing unit	1
Outer carton	6

ARRONE overhead door closing device:

- Power size: 2 to 4 adjustable by spring tension
- Function: Closing speed, backcheck, latching
- Cover: Radiused cover
- Maximum door width: 1,100 mm
- Maximum door weight: 80 kg
- Arm application: Fig 1, Fig 6 and Fig 61 fixing positions
- Successfully type tested for conformity to all the requirements of BS EN 1154:1997
 - Door mount pull (Fig 1), door mount push (Fig 6), transom mount pull (Fig 61): 3 | 8 | 4/2 | 1* | 1 | 4
- Included in a successful fire test to BS EN 1634 Part 1. Assessed for use on 30, 60 and 120 minutes timber fire doors and 240 minutes on steel fire doors.
- CE Marked: AD0124
- Certifire approved: CF294; DOP: HUK0001
- The AR1500 can satisfy the opening force recommendations of BS 8300 and ADM when fitted in Fig 1 to a door with minimum width of 938 mm according to third party data. However other installed hardware, door seals and differential air pressure will affect the products as fitted performance meaning that the door closer alone cannot allow compliance to BS 8300 and ADM.

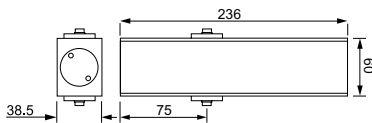




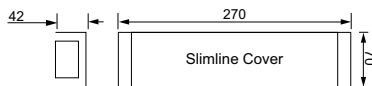
AR5200



AR5500-L (Slimline Cover)



AR5200



AR5500-L (Slimline Cover)

ARRONE® 5200 / 5500 Series Door Closer

Power Size 2 – 5 Spring Adjustable (size 2 template adjustable)

A rack and pinion mechanism door closer combined with the new elegant “slimline” cover (AR5500), makes the AR5200/AR5500 Series ideal for use on many high frequency doors.

Features

- Suitable for doors up to 1250 mm wide/100 kg weight (when fitted in Fig 1)
- Rack and pinion mechanism
- Universal application (Fig 1, Fig 6 and Fig 61)
- Detachable and fixed adjustable slimline arms available
- Adjustable closing speed and latch action (latching action for Fig 1 & 61 only)
- Backcheck
- Delayed action optional (please specify when ordering)
- Supplied with slimline cover (AR5500 model only)
- Fixings for timber and metal doors

Standards and certification



Quality and performance:

Successfully type tested for conformity to all the requirements of BS EN1154:1997

Fig 1	4	8	5 2	1*	1	4
Fig 6	3	8	4 3	1*	1	4
Fig 61	4	8	4 2	1*	1	4



Fire safety: Included in a successful fire test to BS EN1634 Part 1. Assessed for use on 30 min, 1 hour and 2 hour timber fire doors and 4 hours on steel doors.



CE marked: Certificate 1121-CPD-AD0239



Certifire approved product: Certificate CF295

CPR Declaration of Performance Certificate – HUK0005

Available for download – Go to www.hoppe.co.uk/service/dop-certificates

Finishes

- AR5200 (matching arms):
Silver, gold, polished brass, satin stainless steel, polished stainless steel
- AR5500 (matching arms):
Silver, gold, polished brass, polished chrome, satin nickel plated, satin stainless steel

Product ref.	Article description	Finish	Article no.
AR5200-SE	Door closer	SE	87112570
AR5200-PB	Door closer	PB	87112605
AR5200-SSS	Door closer	SSS	87112612
AR5200-PSS	Door closer	PSS	87112619

AR5500-L-GE/GE	Door closer and matching arm (slimline cover)	GE	87113102
AR5500-L-SE/SE	Door closer and matching arm (slimline cover)	SE	87113186
AR5500-L-PB/PB	Door closer and matching arm (slimline cover)	PB	87113130
AR5500-L-PC/PC	Door closer and matching arm (slimline cover)	PC	89002373
AR5500-L-SNP/SNP	Door closer and matching arm (slimline cover)	SNP	89002387
AR5500-L-SSS/SSS-A2	Door closer and matching arm (slimline cover)	SSS	89002394



ARRONE® 7383 Series Concealed Door Closer

Power Adjustable Size 2 – 4

This concealed overhead door closer combines a high cam action mechanism with the pleasing aesthetics of a slide track, making the AR7383 ideal for use on many high frequency doors in public buildings such as hospitals, nursing homes and schools along with other commercial applications where aesthetics and performance is required.

Features

- Power adjustable size 2-4 in accordance with BSEN 1154:1997
- Suitable for doors up to 1100 mm wide/80 kg weight
- High performance cam action mechanism
- Adjustable closing speed and latch action
- Slide track and guide arm supplied
- Supplied with timber and steel door fixings
- Suitable for use in regular and transom mounting
- Fully reversible
- Minimum door thickness 40 mm
- Slide track stop optional
- Hold open device optional (not suitable for fire doors)
- Intumescent kit available separately

Standards and certification



Quality and performance:

Successfully type tested for conformity to all the requirements of BS EN1154:1997

3	8	4	1*	1	3
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Fire safety: Included in a successful fire test to BS EN1634 Part 1. Assessed for use on 30, 60, 90 and 120 min timber fire doors.



CE marked: Certificate 1121-CPD-AD5071



Certifire approved product: Certificate CF5181

CPR Declaration of Performance Certificate – HUK0026

Available for download – Go to www.hoppe.co.uk/service/dop-certificates

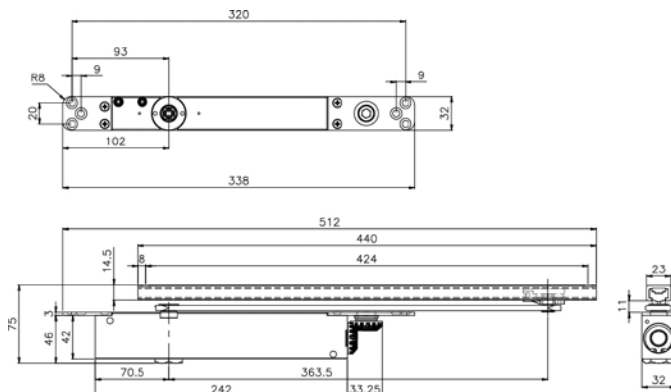
Finishes

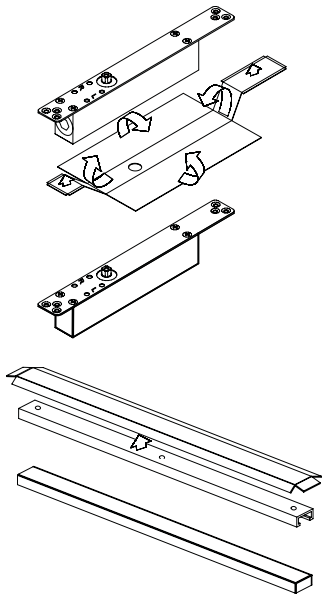
- Silver, satin nickel plated, polished chrome

* The AR7383 concealed door closer has been successfully fire tested with the use of an intumescent kit, the supply and fitting of this intumescent kit is essential to the products compliance with the fire test & CE marking evidence it has gained, HOPPE takes no responsibility for any door closers purchased and fitted without sufficient intumescent protection.

Product ref.	Article description	Finish	Article no.
AR7383-SE	Concealed door closer	SE	87141202
AR7383-SNP	Concealed door closer	SNP	87141216
AR7383-PC	Concealed door closer	PC	87141223

AR/INT-7383	Intumescent kit	87141209
AR7383-HOA-KIT	Hold open kit	87141139





ARRONE® Intumescent Kit

Intumescent Kit for AR7383 Concealed Door Closer

Features

- Flat folded sheets
- When opened up, form a pocket to surround the concealed closer

Standards and certification



Fire safety: Included in a successful fire test to BS EN1634 Part 1. For use on 30, 60, 90, and 120 min timber fire doors.

Product ref.	Article description	Article no.
AR/INT-7383	Intumescent Kit to suit AR7383	87141209

3



ARRONE® AR226 Door Selector/Co-ordinator MK2

Door Selector/Co-ordinator MK2

The ARRONE® door selector enables a pair of selfclosing doors with rebated meeting stiles to close in correct sequence automatically, no matter which door is opened first, maintaining the fire resistant seal.

Features

- Surface mounted easy fit
- Suitable for use with power size 3-5 door closers
- Suitable for use on timber doors of any width up to 1220 mm and all standard thicknesses
- Suitable for rebates up to 25 mm
- Extended arms available for special applications

Standards and certification



Quality and performance: Successfully type tested in accordance with BS EN1158:1997

3	5	5 3	1*	1	3
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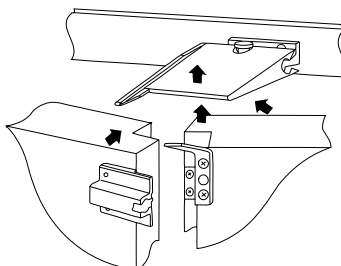
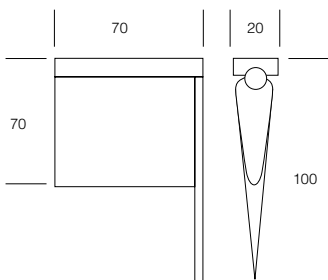
Fire safety: Included in a successful fire test to BS EN1634 Part 1. Assessed for use on 30 min, 1 hour and 2 hour fire doors.

CPR Declaration of Performance Certificate – FDC001

Available for download – Go to www.hoppe.co.uk/service/dop-certificates

Finishes

- Silver, polished brass (plated), satin stainless steel (plated)



Product ref.	Article description	Finish	Article no.
AR226/MKII-SE	Door selector	SE	87102975
AR226/MKII-SSS	Door selector	SSS	87102978
AR226/MKII-PB	Door selector	PB	87102977