



400 Series

400 Series Door Closer

5-year Warranty
UL listed

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**UNIVERSAL MODEL OFFERING
VERSATILITY AND
PRECISION ENGINEERING**

- FOR ALL STANDARD APPLICATIONS
- OPTIONAL FULL COVER
- OPTIONAL BACK CHECK
- HEAVY DUTY RACK AND PINION
- FACTORY TESTED TO MEET OR EXCEED ANSI STANDARD 156.4 GRADE 2
- UNIVERSAL HOLE PATTERN

CAL-ROYAL
P R O D U C T S , I N C .

400 Series Door Closer

5 YEAR WARRANTY/  LISTED

FEATURES

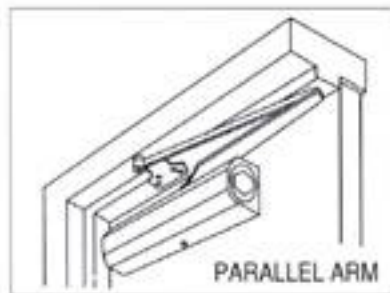
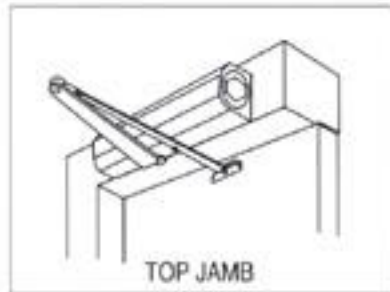
- Dual valve, closing and latching speed controlled by two separate regulating valves.
- Universal application, non handed, designed for all standard installations.
- Reinforced type adjustable tube arm.
- Rack and pinion operation contained in a high tensile precision cast aluminum housing for the highest quality.
- High quality hydraulic fluid for high lubricity and constant lubrication.
- The streamlined design permits installation on most commercial and residential applications without adaptors.
- Power adjustment bracket on regular arms. (15% adjustment, $\pm 7 1/2\%$)
- Optional back check (430-PBC, 440F-PBC), controlled by separate regulating valve.
- Universal hole pattern. [Size (4) 440F-P, size (3) 430-P]
- Full cover (25/8"W x 3"H x 10 1/8"L) optional. Fits all sizes. COV/400.
- Flat drop bracket.
- Available in Alum, Duro, and Gold.
- Hold open arm optional (Part #301/302), for regular & parallel installations.

COMPARISON CHART 400 SERIES

CAL-ROYAL	LCN	NORTON	YALE	DORMA	TAYMOR	PARKER	CORBIN	RUSSWIN
400	1050	1600	50	600	9500/60	500	100	2800

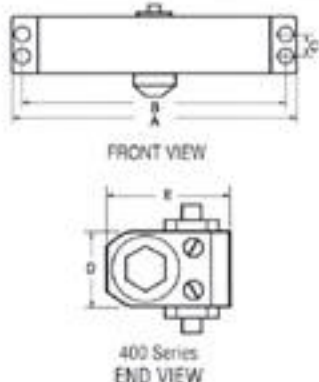
The data on this represents our judgement of which are most similar. Since no product is exactly alike the information has been obtained from trade sources, it is not guaranteed nor represented that any specific product exactly equals any other product.

UNIVERSAL APPLICATIONS



Hold-Open Arms and Fusible
Link Hold-Open Arms Are Similar

DESCRIPTION	MODEL AND SIZE			
	420-P	430-P	440-P	440F-P
	2	3	4	4
A. Length of Closer Body	7 1/2"	8 3/4"	8 3/4"	9 3/4"
B. Horizontal Mounting Holes	6 3/8"	8 3/16"	8 3/16"	9 1/16"
C. Vertical Mounting Holes	3/4"	3/4"	3/4"	3/4"
D. Height of Closer Body	1 3/4"	1 3/4"	1 3/4"	1 3/4"
E. Projection from Door	2 7/8"	2 7/8"	2 7/8"	2 7/8"



FRONT VIEW

400 Series
END VIEW

REGULAR CLOSERS							CLOSERS WITH PARALLEL ARM ADAPTER	
MODEL NO.	DOOR WEIGHT (POUNDS) ALL MODELS	MODEL NO. HOLD OPEN	TYPE OF DOOR	MAXIMUM SIZE OF DOOR			MAXIMUM SIZE OF DOOR	
				INTERIOR	EXTERIOR REWINDING	INTERIOR OUTSWINGING	INTERIOR	EXTERIOR REWINDING
420P	55-100	420PH	Heavy screen doors or medium weight interior door of wood or metal	3'0"	---	---	2'6"	---
430P	88-143	430PH	Light exterior doors and interior doors of wood or metal	3'6"	2'6"	3'0"	3'0"	2'6"
440P/ 440F-P	120-187	440PH	Exterior doors and heavy interior doors of wood or metal	4'0"	3'0"	3'6"	3'6"	3'0"

CAL-ROYAL
P R O D U C T S, I N C.

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