

**5-Year
Warranty**



- **STANDARD DUTY COMMERCIAL DOOR CLOSER
PRECISION ENGINEERING FOR NEW CONSTRUCTION**
- **MEETS AND EXCEEDS ANSI STANDARD 156.4 GRADE 2**
- **SIZED DOOR CLOSER, SIZES 2, 3 AND 4**
- **FOR ALL STANDARD APPLICATIONS**
- **OPTIONAL FULL COVER**
- **OPTIONAL BACK CHECK**
- **HEAVY DUTY RACK AND PINION**

400 Series Door Closer

ANSI 156.4 Grade 2

UL Listed, Conforms to Standards

UL10C and UBC7-2-1997

5 Year Warranty



UL Listed, Conforms to Standards
UL10C and UBC-7-2-1997

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

400 Series Door Closer

5-Year Warranty



3 HOUR FIRE RATED
UL10C, UBC7-2-1997

FEATURES

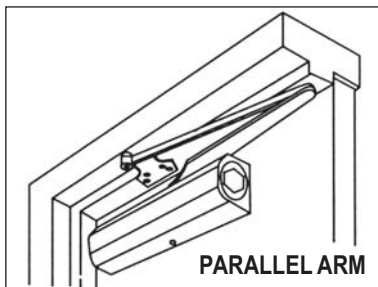
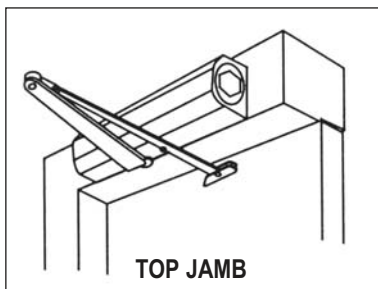
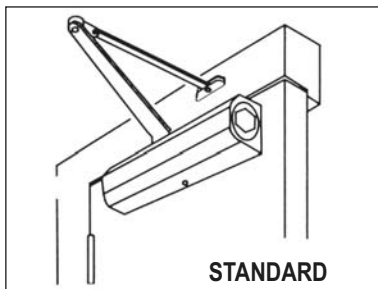
- Sized Door Closers. 420-P Size 2, 430-P Size 3, SM430-P Size 3, 440-P Size 4
- Dual valve, closing and latching speed controlled by two separate regulating valves.
- Universal application, non handed, designed for all standard installations.
- Reinforced type adjustable tube arm.
- Rack and pinion 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, $\pm 7 \frac{1}{2} \%$)
- Optional back check 430P-BC controlled by separate regulating valve.
- Universal hold pattern. Size (3) 430-P
- Full cover (2 $\frac{5}{8}$ " W x 3" H x 10" L) optional fits all sizes, COV/400.
- Flat drop bracket.
- Available in Alum, Duro and Gold
- Hold open arms 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

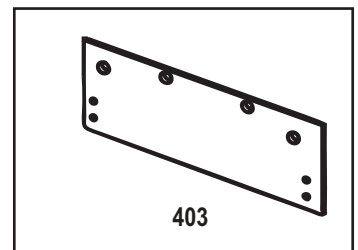
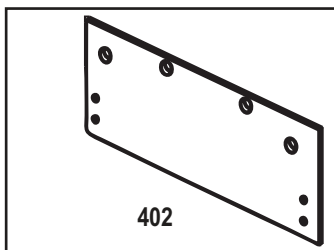
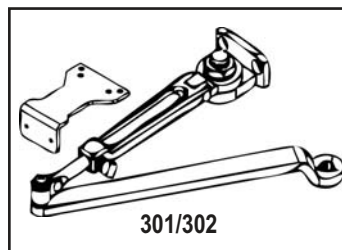


DESCRIPTION	MODEL AND SIZE			
	420-P	SM 430-P	430-P	440-P
	2	3	3	4
A. Length of Closer Body	5 13/16"	7 1/8"	8 3/4"	8 3/4"
B. Horizontal Mounting Holes	5 3/16"	6 1/2"	8 3/16"	8 3/16"
C. Vertical Mounting Holes	25/32"	3/4"	3/4"	3/4"
D. Height of Closer Body	1 15/32"	1 5/8"	1 3/4"	1 3/4"
E. Projection from Door	2 1/4"	2 15/32"	2 7/8"	2 7/8"

FRONT VIEW

400 Series
END VIEW

REGULAR CLOSERS							CLOSERS WITH/ PARALLEL ARM ADAPTER	
MODEL #	DOOR WEIGHT (POUNDS) ALL MODELS	MODEL #	TYPE OF DOOR	MAXIMUM SIZE OF DOOR			MAXIMUM SIZE OF DOOR	
				REGULAR	INTERIOR	EXTERIOR INSWINGING	INTERIOR OUTSWINGING	INTERIOR
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/ SM430-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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