

CALTRAP™ Brand Harmonic Filter Series

CALTRAP™

APPLICATIONS

- At the load
- Branch panel
- Main service entrance

STANDARD FEATURES

- UL 508A listed
- 2-year warranty
- 3-line fusing with blown fuse indication
- Harmonic duty cells
- Capacitor rated contactors
- Inductor high-temperature indication
- Discharge resistors per NEC requirements
- Assembled in the USA

STANDARD RATINGS

- 240, 480, 600 Volts
- 3-phase
- 60 Hertz



CAPACITOR CELLS

- 20-year rated life
- 5-year warranty
- Self-contained, 3-phase, delta-connected
- Industrial grade construction
- Non-PCB, non-toxic, biodegradable impregnation fluid
- Losses of less than ½ watt per kVAR
- Self-healing metallized polypropylene dielectric film
- 3-phase pressure-actuated interrupter
- Hermetically sealed steel case
- Threaded insulated terminals

FUSES

- Fast-acting, current-limiting, with 200,000 ampere interrupting capacity

ENCLOSURES

- Built to NEMA 12 specifications for indoor use
- Wall-mounted enclosure
- Fan-cooled

FIELD WIRING TERMINATION

- Mechanical connections are provided for all field wiring termination points

CELTEL® MONITORING SYSTEM

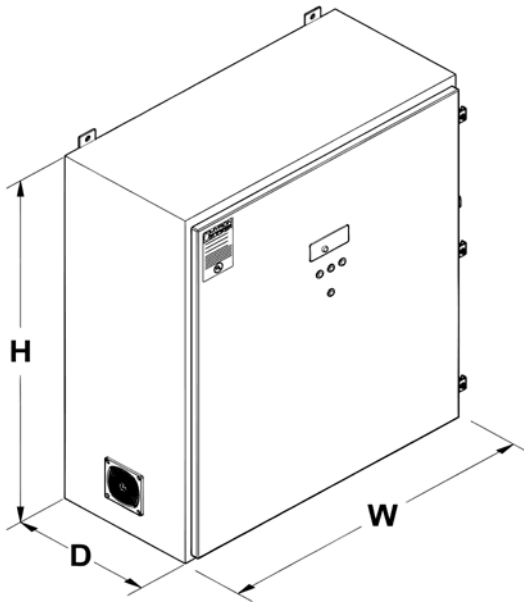
- Loss-of-capacitance indication
- Indicates when capacitor assembly is no longer functioning effectively
- Phase imbalance indication
- Overcurrent and undercurrent indication
- Reset function
- Self diagnostic function

INDUCTORS

- 3-phase, iron core PolyGap™ core structure
- 600V class H rated insulation
- Temperature switch

OPTIONS

- Circuit breaker or disconnect switch
- Other voltage and phase applications available
- Other enclosure ratings available
- Other kVAR configurations available
- Air conditioned enclosure
- Mounting legs for free-standing option
- Line reactor for load isolation



ENCLOSURE DIMENSIONS			
ENC.	H	W	D
W1	30.00	24.00	16.00
W3	36.00	30.00	16.00
W7	48.00	36.00	16.00

All dimensions are in inches. Myron Zucker, Inc. reserves the right to change dimensions without notice.

STANDARD SELECTION CHART

240V / 3Φ / 60Hz				480V / 3Φ / 60Hz				600V / 3Φ / 60Hz			
kVAR	PART NUMBER	AMPS*	ENC.	kVAR	PART NUMBER	AMPS*	ENC.	kVAR	PART NUMBER	AMPS*	ENC.
5	RIM33005-3H5E	13	W1	10	RIM53010-3H5E	13	W1	10	RIM73010-3H5E	11	W1
10	RIM33010-3H5E	26	W1	20	RIM53020-3H5E	26	W1	20	RIM73020-3H5E	21	W1
15	RIM33015-3H5E	40	W1	30	RIM53030-3H5E	40	W1	30	RIM73030-3H5E	32	W1
20	RIM33020-3H5E	53	W1	40	RIM53040-3H5E	53	W1	40	RIM73040-3H5E	42	W1
25	RIM33025-3H5E	66	W3	50	RIM53050-3H5E	66	W3	50	RIM73050-3H5E	53	W3
30	RIM33030-3H5E	79	W3	60	RIM53060-3H5E	79	W3	60	RIM73060-3H5E	64	W3
40	RIM33040-3H5E	106	W7	80	RIM53080-3H5E	106	W7	80	RIM73080-3H5E	85	W7
50	RIM33050-3H5E	132	W7	100	RIM53100-3H5E	132	W7	100	RIM73100-3H5E	106	W7

*The ampacity of capacitor circuit conductors shall not be less than 135% of the rated circuit of the capacitor Per NEC 2008

NOTE: The above part numbers are for the 5th harmonic. For other harmonic applications, change the part number suffix.

EXAMPLE: 7th = H7, 11th = H11, etc.