

# CAPACITRAP® Brand Harmonic Filter Series

## CAPACITRAP®

### APPLICATIONS

- 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
- Free-standing with hinged door, lockable door handle and removable eye bolts
- Fan-cooled

### FIELD WIRING TERMINATION

- Mechanical connections are provided for all field wiring termination points

### CELTEL® MONITORING SYSTEM

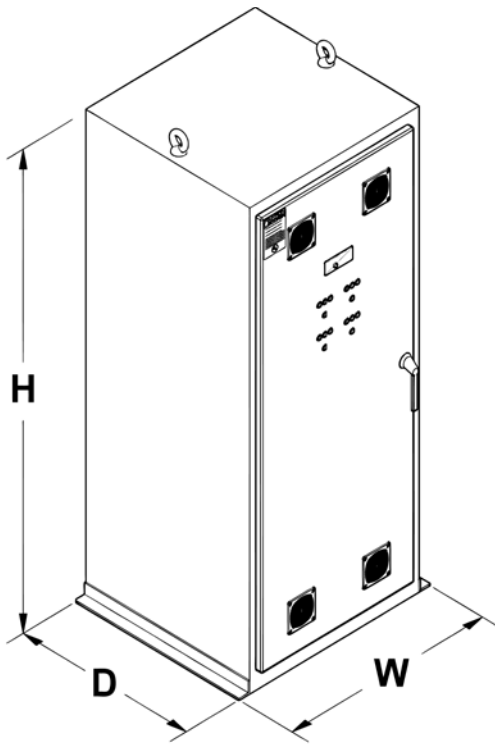
- Loss-of-capacitance indication
- Indicates when capacitor assembly is no longer functioning effectively
- Phase imbalance indication
- Overcurrent and undercurrent indication
- Reset function
- Self diagnostic function

### 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



ENCLOSURE DIMENSIONS			
ENC.	H	W	D
F2	74.00	31.00	30.00
F3	84.00	46.00	30.00

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.
75	CIM33075-3H5E	198	F2	150	CIM53150-3H5E	198	F2	150	CIM73150-3H5E	159	F2
100	CIM33100-3H5E	265	F2	200	CIM53200-3H5E	265	F2	200	CIM73200-3H5E	212	F2
125	CIM33125-3H5E	331	F2	250	CIM53250-3H5E	331	F2	250	CIM73250-3H5E	265	F2
150	CIM33150-3H5E	397	F2	300	CIM53300-3H5E	397	F2	300	CIM73300-3H5E	318	F2
175	CIM33175-3H5E	463	F3	350	CIM53350-3H5E	463	F3	350	CIM73350-3H5E	370	F3
200	CIM33200-3H5E	529	F3	400	CIM53400-3H5E	529	F3	400	CIM73400-3H5E	423	F3
250	CIM33250-3H5E	662	F3	500	CIM53500-3H5E	662	F3	500	CIM73500-3H5E	529	F3
300	CIM33300-3H5E	794	F3	600	CIM53600-3H5E	794	F3	600	CIM73600-3H5E	635	F3

\*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.