

AUTOCAPACITRAP™ Brand Harmonic Filter Series

APPLICATIONS

- Branch panel
- Main service entrance

STANDARD FEATURES

- UL 508A listed
- 2-year warranty
- 3-line fusing with blown fuse indication
- Automatically maintains target power factor
- 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

AUTOMATIC POWER FACTOR (VAR) CONTROLLER

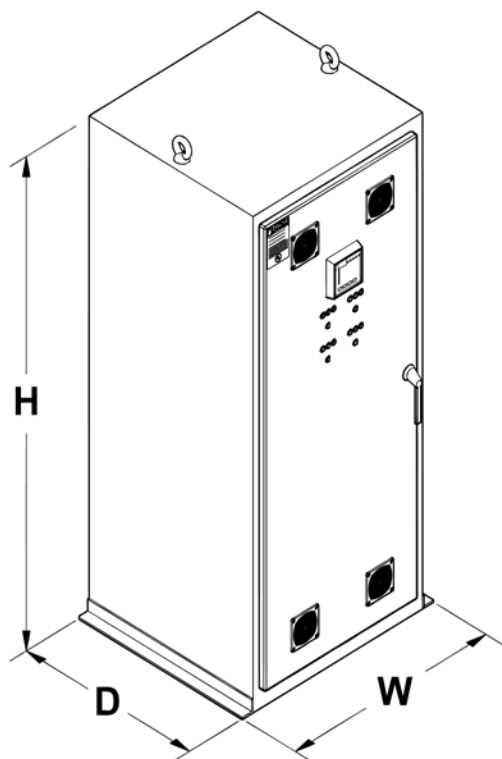
- Digital programming with dual displays
- Voltage and current measurement
- Independent voltage measure input
- Internal panel temperature sensor
- Voltage and current harmonic event log
- RS232 programming and supervision interface
- RS485 supervision interface
- Automatic set-up function
- Capacitor overload protection and step failure

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
- Remote supervision for PC interface



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	STEP SIZE	AMPS	ENC.	kVAR	PART NUMBER	STEP SIZE	AMPS	ENC.	kVAR	PART NUMBER	STEP SIZE	AMPS	ENC.
75	ACIM33075-3H5	25	198	F2	150	ACIM53150-3H5	50	198	F2	150	ACIM73150-3H5	50	159	F2
100	ACIM33100-3H5	25	265	F2	200	ACIM53200-3H5	50	265	F2	200	ACIM73200-3H5	50	212	F2
125	ACIM33125-3H5	25	331	F2	250	ACIM53250-3H5	50	331	F2	250	ACIM73250-3H5	50	265	F2
150	ACIM33150-3H5	25	397	F2	300	ACIM53300-3H5	50	397	F2	300	ACIM73300-3H5	50	318	F2
175	ACIM33175-3H5	25	463	F3	350	ACIM53350-3H5	50	463	F3	350	ACIM73350-3H5	50	370	F3
200	ACIM33200-3H5	25	529	F3	400	ACIM53400-3H5	50	529	F3	400	ACIM73400-3H5	50	423	F3
250	ACIM33250-3H5	25	662	F3	500	ACIM53500-3H5	50	662	F3	500	ACIM73500-3H5	50	529	F3
300	ACIM33300-3H5	50	794	F3	600	ACIM53600-3H5	100	794	F3	600	ACIM73600-3H5	100	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.