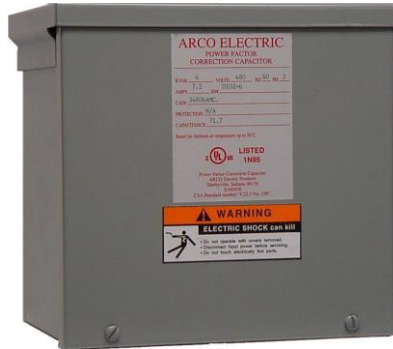


ARCO ELECTRIC PRODUCTS

2325 E. MICHIGAN ROAD

SHELBYVILLE, IN 46176

OF SERIES FIXED PFC CAPACITORS



5-YEAR WARRANTY on the Capacitor Cells

DESCRIPTION

General

- The OF Series design of power factor correction capacitors are suitable for oil field pump motors or any outdoor pumping application. They are designed for outdoor installation, and they can be pole or wall mounted.

Construction

- The fixed capacitor banks are designed for low voltage linear applications and incorporate high quality single-phase cells which are wired in a three phase Delta configuration. The capacitors are housed in a NEMA 3R enclosure panel. The enclosure is manufactured from 16-gauge steel and is furnished with mounting holes for quick and easy installation. The OF Series capacitor banks will come equipped with a terminal block for easy connection during installation.

Capacitor Design

- Internal Pressure Interrupter meets UL 810 requirements. Discharge voltage is less than 50 volts in less than 1 minute after the cell has electrically been removed from circuit.
- Environmentally safe epoxidized soybean-oil dielectric fluid. Soybean-oil is environmentally compatible and biodegradable.

Capacitor Losses

- The capacitor design has a total loss which is as low as 2 Watts per KVAR.

Electrical Characteristics

- Capacitance Tolerance is + or – 15%.
- Overcurrent Tolerance is 135% of rated current continuously.
- Overvoltage Tolerance is 110% of rated voltage
- Standard Operating Temperature
-40 F to +115 F. Operation above 115 F will shorten the capacitor life.

Wiring Cable Insulation

- All internal conductors are insulated stranded copper wire rated at 90 C.

Phone 317/398-9713

Toll-Free 1-800-428-4370

Fax 317/398-2655

WEBSITE <http://www.arco-electric.com>

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OPTIONS AVAILABLE:

Terminal Block Connection (Add Suffix Letters "TB" to Catalog Number)

SO Cord Connection on 50 KVAR or smaller units (Add Suffix Letters "SO" to Catalog Number)

- This feature is a flexible 4 wire 4' length cord.

Fuse Protection & Indicator Lights (Add Suffix Letter "L" to Catalog Number)

- The internal protection fuses are time-delay and rated at 600V with the sizing based upon the nominal amperage rating of the kVAR size in accordance with the National Electric Code requirements.

CUL US Listed (Add Suffix Letters "UL" to Catalog Number)

- For units requiring UL Certification
- For single phase applications change Prefix Number from 3 to 1.
- For 208 VAC applications divide kVAR size by .75 to find equivalent in 240 VAC size.

KVAR	240V Catalog Number	480V Catalog Number	Recommended Motor HP Size
2.5	32402.5AMC-OF__	34802.5AMC-OF__	5
3	32403AMC-OF__	34803AMC-OF__	7.5
4	32404AMC-OF__	34804AMC-OF__	10
5	32405AMC-OF__	34805AMC-OF__	15
6	32406AMC-OF__	34806AMC-OF__	20
7.5	32407.5AMC-OF__	34807.5AMC-OF__	25
10	324010AMC-OF__	348010AMC-OF__	30
12.5	324012.5AMC-OF__	348012.5AMC-OF__	35
15	324015AMC-OF__	348015AMC-OF__	40
17.5	324017.5AMC-OF__	348017.5AMC-OF__	50
20	324020AMC-OF__	348020AMCOF-__	60
22.5	324022.5AMC-OF__	348022.5AMC-OF__	75
25	324025AMC-OF__	348025AMC-OF__	75
30	324030AMC-OF__	348030AMC-OF__	100
35		348035AMC-OF__	125
40		348040AMC-OF__	150
50		348050AMC-OF__	200
55		348055AMC-OF__	250
60		348060AMC-OF__	250
70		348070AMC-OF__	300
75		348075AMC-OF__	350
100		3480100AMC-OF__	400
150		3480150AMC-OF__	500

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