

Fixed Power Factor Capacitor Bank



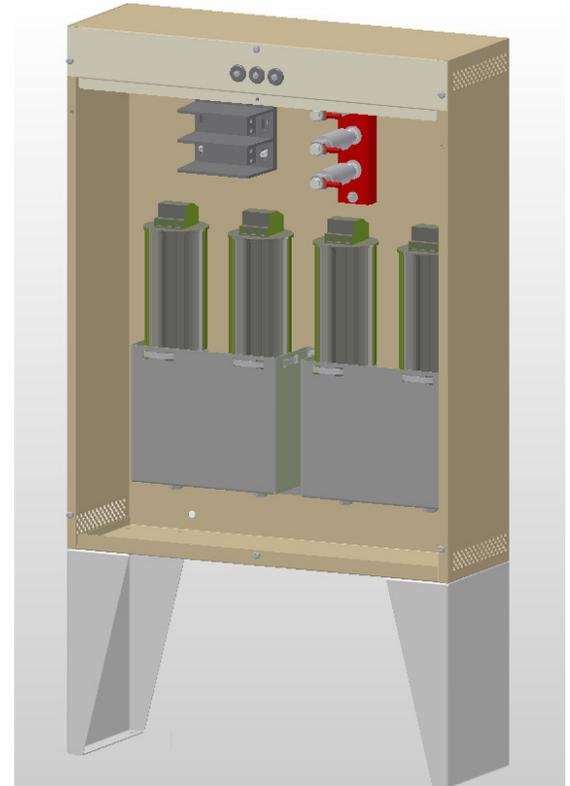
ADVANTAGES OF GENTEC CAPACITOR BANK

- Wall or floor mounted
- Dry self-healing capacitor
- HRC type fuse rated for 200 kA
- Included discharge resistor
- Each element replaceable individually

TECHNICAL APPLICATION

Indoor industrial DSHM capacitor assemblies provide power factor correction to industrial power systems utilizing the new technology of the dry self-healing type DSHI capacitor. A wide range of kVAR ratings is provided in single equipment for large motor and bulk system correction. The addition of capacitors makes it possible to achieve reduced power costs, increased system capacity and improved voltage control. With most utility rate structures, the power factor influences the billing in some manner. Some rate structures increase the billing if the power factor falls below a specified level. Others provide a bonus for raising the power factor to desirable levels. Depending on the system conditions and the local utility rate practices, capacitor costs can often pay for themselves in less than one year.

Gentec offers 480 V and 600 V fixed capacitor bank in a range from 25 to 200 kVAR. Fuses are included as a standard, and blown fuses indicators can optionally be installed. Enclosures are designed to be wall-mounted but can be converted to floor-mounted units when used with the optional stand.



SPECIFICATIONS

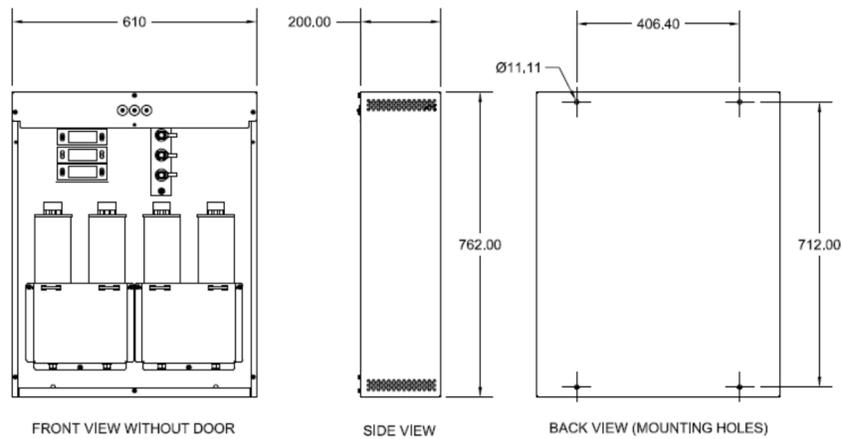
MAIN SPECIFICATIONS	
Input voltage	600 or 480 Vac (3 phases)
Frequency	50 or 60 Hz
Reactive power (kVAR)	25 to 200 kVAR
Tolerance	0 % / +10 %
Thermal loss	0.5 watt/kVAR
Max. Current	1.3x In
Max. Voltage	1.1x Vn for 8 hours each 24 hours
Input terminals	Compression lugs on 3/8 inch bolt
Minimal spacing above unit	200 mm
Minimal spacing on the side of the unit	200 mm
Installation	Wall or floor mounted
Wiring	TEW 90 °C
Electrical protection	Internal overpressure switch
Working temperature	-25 °C / +55 °C
Discharge resistor	Included *less than 50 V within 60 seconds
Enclosure type	Nema1 (other models available) ASA61 grey painted.
Certification	CSA 22.2
Dimensions (mm)	25 to 100 kVAR (610 x 762 x 200) / 125 to 200 kVAR (1200 x 762 x 200)

MODEL NUMBER

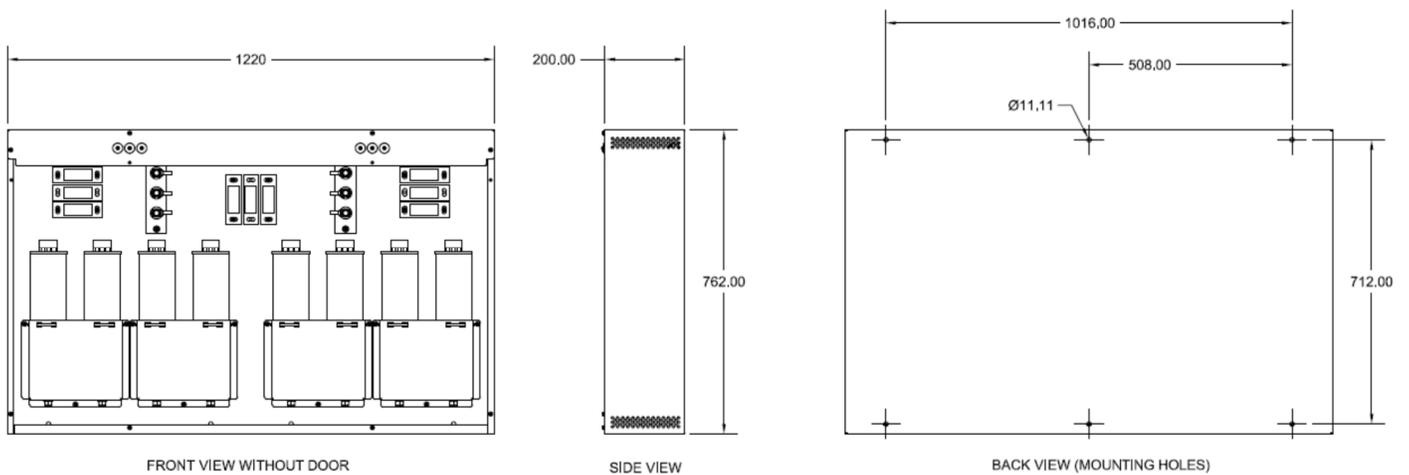
# Part Numbers	Description
480 V	
DSHM-25-480-X-1-M	Fixed power factor capacitor bank 480 V, 25 kVAR
DSHM-30-480-X-1-M	Fixed power factor capacitor bank 480 V, 30 kVAR
DSHM-50-480-X-1-M	Fixed power factor capacitor bank 480 V, 50 kVAR
DSHM-60-480-X-1-M	Fixed power factor capacitor bank 480 V, 60 kVAR
DSHM-75-480-X-1-M	Fixed power factor capacitor bank 480 V, 75 kVAR
DSHM-100-480-X-1-M	Fixed power factor capacitor bank 480 V, 100 kVAR
DSHM-125-480-X-1-M	Fixed power factor capacitor bank 480 V, 125 kVAR
DSHM-150-480-X-1-M	Fixed power factor capacitor bank 480 V, 150 kVAR
DSHM-175-480-X-1-M	Fixed power factor capacitor bank 480 V, 175 kVAR
DSHM-200-480-X-1-M	Fixed power factor capacitor bank 480 V, 200 kVAR
600 V	
DSHM-25-600-X-1-M	Fixed power factor capacitor bank 600 V, 25 kVAR
DSHM-30-600-X-1-M	Fixed power factor capacitor bank 600 V, 30 kVAR
DSHM-50-600-X-1-M	Fixed power factor capacitor bank 600 V, 50 kVAR
DSHM-60-600-X-1-M	Fixed power factor capacitor bank 600 V, 60 kVAR
DSHM-75-600-X-1-M	Fixed power factor capacitor bank 600 V, 75 kVAR
DSHM-100-600-X-1-M	Fixed power factor capacitor bank 600 V, 100 kVAR
DSHM-125-600-X-1-M	Fixed power factor capacitor bank 600 V, 125 kVAR
DSHM-150-600-X-1-M	Fixed power factor capacitor bank 600 V, 150 kVAR
DSHM-175-600-X-1-M	Fixed power factor capacitor bank 600 V, 175 kVAR
DSHM-200-600-X-1-M	Fixed power factor capacitor bank 600 V, 200 kVAR
Model number: – Base model = DSHM – Reactive power = kVAR value – Voltage = 408 V or 600 V – Blown fuse indicators = (X = without) / (BFI = with) – Enclosure type = (1 = NEMA1) / (12 = NEMA 12) / (3R = NEMA 3R) – Mounting = (M = Wall mounted) / (S = Floor mounted)	

DIMENSIONS

25 to 100 kvar fixed capacitor bank



125 to 200 kvar fixed capacitor bank



Since 1959, Gentec specializes in cutting-edge custom technology electronic and electrical product development. Our sustained effort to exceed utility requirements is one of the reasons why our ingenious and robust solutions are renowned around the world. We are continually looking to get ahead in the electrical industry trend.

Gentec is the perfect partner for you!



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