

## Motor Run Capacitors

### Product

37 Motor Run Capacitor Series

### Purpose

The DiversiTech Motor Run Capacitors are guaranteed for 10,000 hours of life under normal operating conditions. They have an operating life of 94% at 60,000 hours. They are dual capacitance, and designed for continuous run.

### Features

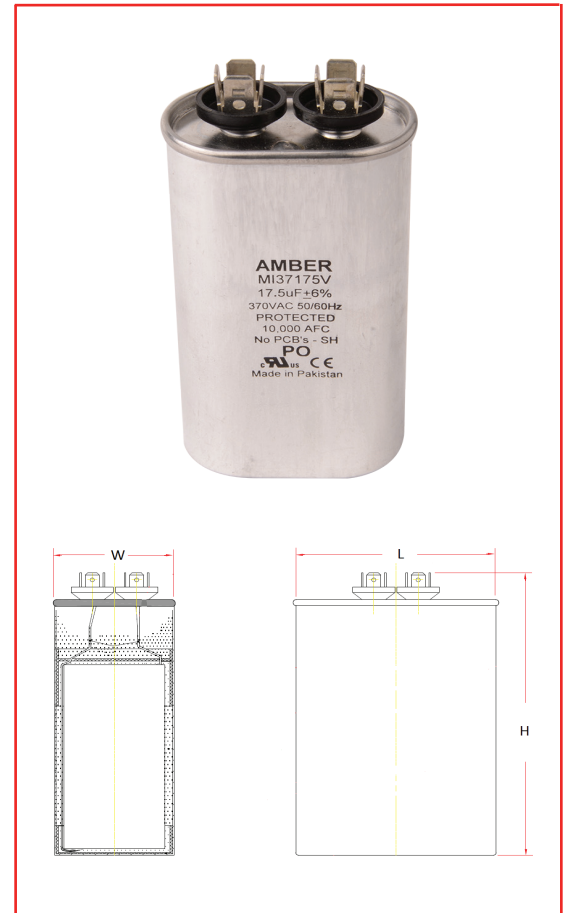
- Quick connect terminals
- Oval metal housing
- Applied Standard: UL-810; CSA22.2 No190, IEC60252
- Meets 10,000 AFC safety requirement per UL-810
- Oil Filled; Non PCB

### General Specifications

- UL Recognized
- Connection Size: 0.250 in
- Connection Type: Tab
- Permissible Temperature: -40°C to +70°C
- Capacitance Tolerance: +/-5%
- Withstanding Voltage test Between Terminals: Rated Voltage X 1.75VAC, 10sec Between Terminals and Case: Rated Voltage X 2+1000VAC, 60sec
- Maximum Permissible Voltage: 110% of the rated voltage
- Maximum Permissible Current: 130% of the rated current

### Dimensions

- 37600R: H = 4.53in, L = 3.5in, W = 3.25in
- 37020H: H = 3.0in, L = 2.25in, W = 1.5in
- 37030H: H = 2.75in, L = 2.25in, W = 1.25in
- 37100HB: H = 3.25in, L = 2.25in, W = 1.5in
- 45020H: H = 3.75in, L = 2.25in, W = 1.5in
- 45030H: H = 2.25in, L = 2.25in, W = 1.5in
- 45175H: H = 4.75in, L = 2.25in, W = 2.25in
- 45600H: H = 6.0in, L = 3.0in, W = 2.0in



### Dissipation Chart

Capacitor Value Range	Dissipation Factor Max
Up to 7.5uF	0.25%
7.6uF to 15uF	0.25%
16uF TO 25uF	0.30%
26uF to 40uF	0.45%
41uF to 70uF	0.70%

### General Characteristics

Anchor Model	Voltage	Frequency	Capacitance	Weight
<b>37600R</b>	370 VAC	50-60 Hz	60µF	0.8 lbs
<b>37020H</b>	370 VAC	50-60 Hz	2µF	0.2 lbs
<b>37030H</b>	370 VAC	50-60 Hz	3µF	0.2 lbs
<b>37100HB</b>	370 VAC	50-60 Hz	10µF	0.2 lbs
<b>45020H</b>	440 VAC	50-60 Hz	2µF	0.2 lbs
<b>45030H</b>	440 VAC	50-60 Hz	3µF	0.2 lbs
<b>45175H</b>	440 VAC	50-60 Hz	17.5µF	0.4 lbs
<b>45600H</b>	440 VAC	50-60 Hz	60µF	1.0 lbs