

## AC Motor Capacitor

### General description

CBB60 and CBB61 self-healing type AC capacitors, made of the advanced metallized film, are widely applied to household electric appliances such as fan, washing machine, refrigerator, airconditioner, oil vapor exhausting machine, etc. Each technical targets of the device complies with GB/T3667-93 Standard.

### Main technical characteristics

1. Service conditions: Ambient temperature  $-25^{\circ}\text{C} \sim 45^{\circ}\text{C}$ , humidity  $\leq 85\%$ , and altitude lower than 2000m.
2. Rated output: 230VAC, 250VAC, 300VAC, 400VAC, 500VAC.
3. Capacity tolerance:  $0 \sim +15\%$ .
4. Tangent of the loss angle:  $\text{tg}\delta \leq 0.2\%$  at  $20^{\circ}\text{C}$ .
5. Withstand voltage: Capable of withstanding 1.75 times of rated voltage between the pole and the enclosure for 10s.
6. Insulating property: 500VDC between the pole and the enclosure for 1 minutes,  $R > 1000\text{M}\Omega$ .
7. Max allowable over-voltage: 1.10 times of rated voltage.
8. Max allowable over-current: 1.30 times of rated current.

### Main specifications & overall dimension

Voltage/ Dimension	Capacitance ( $\mu\text{f}$ )															
	4.7	5	6	8	8.5	9	10	12	15	16	20	25	30	40	50	60
230 ~ 300 VAC	D	30			34				42				50		60	
	H			60					80			100		120		
	A	11							15					18		
350 ~ 500 VAC	D				42				50					60		
	H				80						100				150	
	A	12(15)				15(18)							18			

