

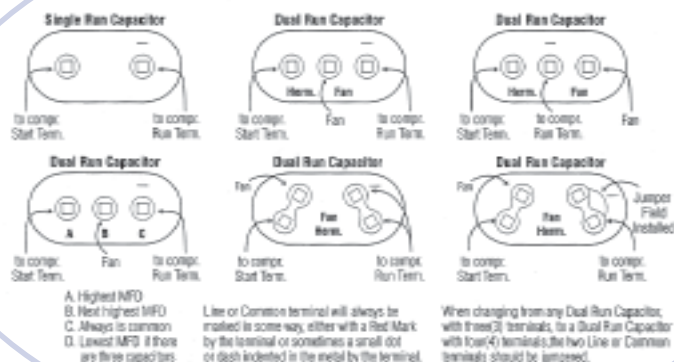
Motor Run Capacitors



Features:

- Non – PCB biodegradable synthetic oil
- Physical interrupter for safety
- Operating temperature –13 F to + 185 F (- 25 C to + 85 C)
- Microfarad uF tolerance +/- 5 %
- Drawn steel case construction
- Quad blade quick connect terminals
- Hermetically sealed
- UL recognized

Wiring Diagram



Product Applications:

- Air Conditioning Compressors
- Refrigeration Compressors
- Furnace Blower Motors
- Air Handler Blower Motors
- Condenser Fan Motors
- Room Air Conditioners



Facts About Run Capacitors

- Capacitors are rated by microfarads (uf) and voltage. The rated capacitor should not be changed, since the motor operates at maximum efficiency when using a specified capacitor size. Although a plus or minus 10 % rule of thumb applies to the microfarad rating when changing out a capacitor. If necessary, the replacement capacitor voltage rating can be higher than specified, but not lower without effecting the capacitor life.
- Always replace the run capacitor when installing a new motor. If a defective capacitor is in the circuit the motor will probably not run. If it does run, it will operate as if it is overloaded. The motor speed will be low; it will overheat and probably activate the motor overload protector causing short cycling.
- Capacitors can hold a charge for long periods of time. To prevent shock the capacitor should be discharged before it is removed. The proper procedure to do this is to use a 5000 to 20000 Ohm bleed resistor.
- To check capacitors, use a SUPCO Capacitor Tester p/n MFD10.

SUPCO PART NUMBER	VALUE (UF)	370 VAC	440 VAC	SINGLE	DUAL	OVAL	ROUND
CR2X370	2	X		X		X	
CR3X370	3	X		X		X	
CR4X370	4	X		X		X	
CR5X370	5	X		X		X	
CR6X370	6	X		X		X	
CR7.5X370	7.5	X		X		X	
CR10X370	10	X		X		X	
CR12.5X370	12.5	X		X		X	
CR15X370	15	X		X		X	
CR17.5X370	17.5	X		X		X	
CR20X370	20	X		X		X	
CR25X370	25	X		X		X	
CR30X370	30	X		X		X	
CR35X370	35	X		X		X	
CR40X370	40	X		X		X	
CR45X370	45	X		X		X	
CR50X370	50	X		X		X	
CR60X370	60	X		X		X	
CR70X370	70	X		X		X	
CD15+5X370	15+5	X			X	X	
CD15+10X370	15+10	X			X	X	
CD20+5X370	20+5	X			X	X	
CD20+15X370	20+15	X			X	X	
CD25+3X370	25+3	X			X	X	
CD25+5X370	25+5	X			X	X	
CD25+10X370	25+10	X			X	X	
CD30+3X370	30+3	X			X	X	
CD30+5X370	30+5	X			X	X	
CD30+7.5X370	30+7.5	X			X	X	
CD35+5X370	35+5	X			X	X	
CD35+7.5X370	35+7.5	X			X	X	
CD40+5X370	40+5	X			X	X	
CD45+5X370	45+5	X			X	X	
CD55+7.5X370	55+7.5	X			X	X	
CD60X10X370	60+10	X			X	X	
CR15X370R	15	X		X			X
CR20X370R	20	X		X			X
CR25X370R	25	X		X			X
CR30X370R	30	X		X			X
CR35X370R	35	X		X			X
CR40X370R	40	X		X			X
CR45X370R	45	X		X			X
CR50X370R	50	X		X			X
CR55X370R	55	X		X			X
CR60X370R	60	X		X			X
CR70X370R	70	X		X			X
CR80X370R	80	X		X			X
CD20+5X370R	20+5	X			X		X
CD20+7.5X370R	20+7.5	X			X		X
CD25+3X370R	25+3	X			X		X
CD25+4X370R	25+4	X			X		X
CD25+5X370R	25+5	X			X		X
CD30+3X370R	30+3	X			X		X
CD30+5X370R	30+5	X			X		X
CD35+5X370R	35+5	X			X		X
CD40+5X370R	40+5	X			X		X
CD45+5X370R	45+5	X			X		X
CD80+5X370R	80+5	X			X		X
CR2X440	2		X	X		X	
CR3X440	3		X	X		X	

SUPCO PART NUMBER	VALUE (UF)	370 VAC	440 VAC	SINGLE	DUAL	OVAL	ROUND
CR4X440	4		X	X		X	
CR5X440	5		X	X		X	
CR6X440	6		X	X		X	
CR7.5X440	7.5		X	X		X	
CR10X440	10		X	X		X	
CR12.5X440	12.5		X	X		X	
CR15X440	15		X	X		X	
CR17.5X440	17.5		X	X		X	
CR20X440	20		X	X		X	
CR25X440	25		X	X		X	
CR30X440	30		X	X		X	
CR35X440	35		X	X		X	
CR40X440	40		X	X		X	
CR45X440	45		X	X		X	
CR50X440	50		X	X		X	
CR55X440	55		X	X		X	
CR60X440	60		X	X		X	
CD25+5X440	25+5		X		X	X	
CD30+5X440	30+5		X		X	X	
CD35+5X440	35+5		X		X	X	
CD3.5+7.5X440	35+7.5		X		X	X	
CD40+5X440	40+5		X		X	X	
CD40+7.5X440	40+7.5		X		X	X	
CD45+5X440	45+5		X		X	X	
CD45+7.5X440	45+7.5		X		X	X	
CD55+10X440	55+10		X		X	X	
CR10X440R	10		X	X			X
CR15X440R	15		X	X			X
CR20X440R	20		X	X			X
CR25X440R	25		X	X			X
CR30X440R	30		X	X			X
CR35X440R	35		X	X			X
CR40X440R	40		X	X			X
CR45X440R	45		X	X			X
CR50X440R	50		X	X			X
CR55X440R	55		X	X			X
CR60X440R	60		X	X			X
CR70X440R	70		X	X			X
CR80X440R	80		X	X			X
CD20+5X440R	20+5		X		X		X
CD25+5X440R	25+5		X		X		X
CD25+7.5X440R	25+7.5		X		X		X
CD30+5X440R	30+5		X		X		X
CD30+7.5X440R	30+7.5		X		X		X
CD35+5X440R	35+5		X		X		X
CD35+7.5X440R	35+7.5		X		X		X
CD35+10X440R	35+10		X		X		X
CD40+5X440R	40+5		X		X		X
CD40+7.5X440R	40+7.5		X		X		X
CD40+10X440R	40+10		X		X		X
CD45+5X440R	45+5		X		X		X
CD45+7.5X440R	45+7.5		X		X		X
CD50+5X440R	50+5		X		X		X
CD50+7.5X440R	50+7.5		X		X		X
CD55+5X440R	55+5		X		X		X
CD55+7.5X440R	55+7.5		X		X		X
CD55+10X440R	55+10		X		X		X
CD60+5X440R	60+5		X		X		X
CD60+7.5X440R	60+7.5		X		X		X

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