

# TURBOLYTIC® UNIVERSAL MOTOR-START CAPACITORS

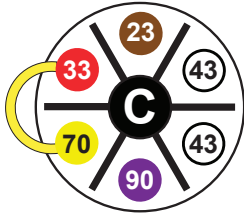
## WIRING EXAMPLES AND CHARTS

**EXAMPLE:** To replace a 88-108 MFD motor-start capacitor:

### STEP 1: (Turbolytic® 50)

Use one yellow jumper wire and connect the red terminal (33 MFD) and yellow terminal (70 MFD) together. This will equal 103 MFD (which falls within the 88-108 range).

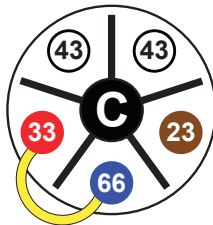
$$33 + 70 = 103 \text{ MFD}$$



### STEP 1: (Turbolytic® JR)

Use one yellow jumper wire and connect the red terminal (33 MFD) and blue terminal (66 MFD) together. This will equal 99 MFD (which falls within the 88-108 range).

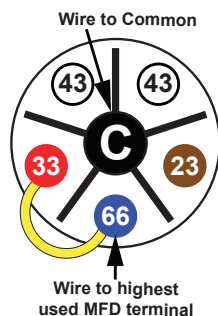
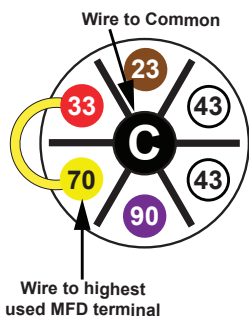
$$33 + 66 = 99 \text{ MFD}$$



**STEP 2:** Take the wires which were disconnected from the old motor-start capacitor and connect one wire to the C (common) and one wire to the highest used MFD terminal on the Turbolytic® (yellow 70 MFD terminal on the Turbolytic® 50, blue 66 MFD terminal on the Turbolytic® JR).

TURBOLYTIC® 50

TURBOLYTIC® JR



TURBOLYTIC® 50							
To Replace a Capacitor in this Range*	Use These Values					Final Replacement Value	
	23µF	33µF	70µF	90µF	43µF		43µF
21-25 MFD	X					23 MFD	
30-36 MFD		X				33 MFD	
35-53 MFD					X	43 MFD	
72-88 MFD					X	X	86 MFD
88-108 MFD		X	X				103 MFD
108-130 MFD		X		X			123 MFD
124-149 MFD	X		X		X		136 MFD
135-155 MFD	X	X		X			146 MFD
145-174 MFD			X	X			160 MFD
161-193 MFD	X		X	X			183 MFD
176-216 MFD			X	X	X		203 MFD
189-227 MFD	X	X	X	X			216 MFD
233-288 MFD	X		X	X	X	X	269 MFD
270-324 MFD	X	X	X	X	X	X	302 MFD

TURBOLYTIC® JR						
To Replace a Capacitor in this Range*	Use These Values					Final Replacement Value
	43µF	33µF	66µF	23µF	43µF	
21-25 MFD				X		23 MFD
30-36 MFD		X				33 MFD
35-53 MFD	X					43 MFD
72-88 MFD	X	X				76 MFD
88-108 MFD		X	X			99 MFD
108-130 MFD		X	X	X		122 MFD
124-149 MFD	X	X	X			142 MFD
135-155 MFD	X	X		X	X	142 MFD
145-174 MFD	X		X		X	152 MFD
161-193 MFD	X	X	X		X	185 MFD
176-216 MFD	X	X	X	X	X	208 MFD
189-227 MFD	X	X	X	X	X	208 MFD

**\*NOTE:** Motor-start microfarad (MFD) capacitance values are always shown as a range (low to high)



Exclusive  Distributor

FOR TECHNICAL QUESTIONS OR SUPPORT  
900-445-6033 / 386-445-6000