EXAMPLES FOR WIRING THE Turbo200®

EXAMPLE: *To replace a 25 + 5 microfarad Dual-Value Capacitor:*

BEFORE YOU START: Make note of where the wires are attached to the fan motor (F), common (C), and compressor (Herm) terminals of the capacitor being replaced.

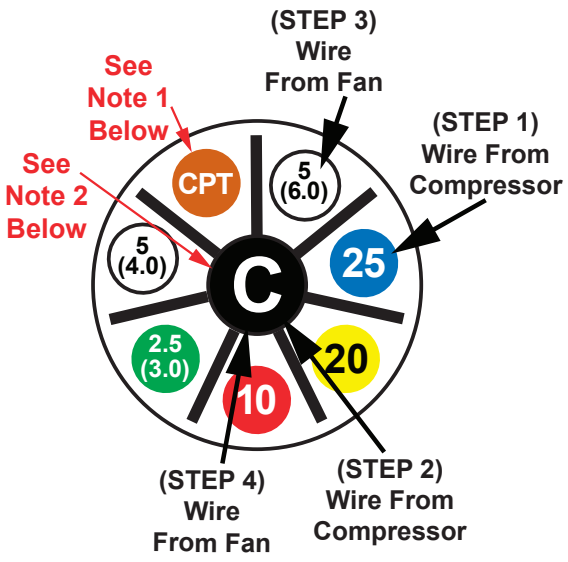
STEP 1: To achieve the 25.0 microfarad for the compressor (HERM) - Connect one of the wires from the compressor to the 25 microfarad terminal.

STEP 2: Connect the other wire(s) from the compressor to the common (C). [The common is the center black terminal].

STEP 3: Connect one of the fan wires to the 5(6) microfarad terminal.

STEP 4: Connect the other wire from the fan motor to the common (C). [The common is the center black terminal].

25 + 5.0 MFD



EXAMPLE: *To replace a 50 + 7.5 microfarad Dual-Value Capacitor:*

BEFORE YOU START: Make note of where the wires are attached to the fan motor (F), common (C), and compressor (Herm) terminals of the capacitor being replaced.

STEP 1: To achieve the 50.0 microfarad for the compressor (HERM) - Using two (2) supplied jumper wires A connect the 20 + 25, then B connect the 25 + 5(6). This will equal 50 microfarad.

STEP 2: Connect one of the compressor wires to the 25 microfarad terminal.

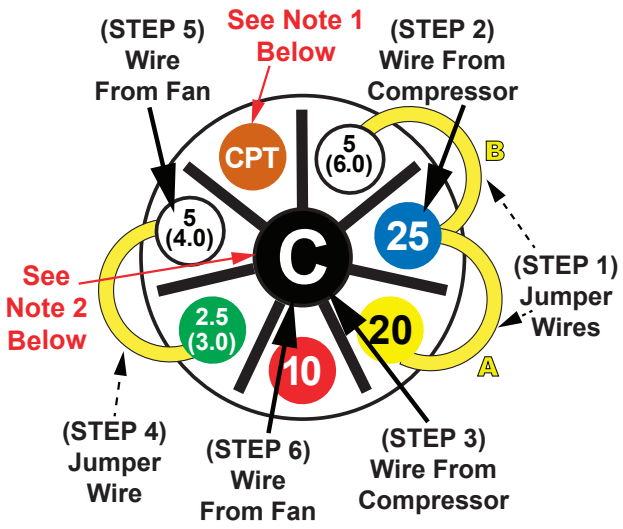
STEP 3: Connect the other wire(s) from the compressor to the common (C). [The common is the center black terminal].

STEP 4: To achieve the 7.5 microfarad for the fan (F) - Using one (1) supplied jumper wire, connect the 5(4) microfarad to the 2.5 microfarad terminal. This will equal 7.5 microfarad.

STEP 5: Connect one of the fan wires to the 5(4) microfarad terminal.

STEP 6: Connect the other wire from the fan motor to the common (C). [The common is the center black terminal].

50 + 7.5 MFD



NOTE 1: When using a hard-start kit in conjunction with the Turbo200 Universal Motor-Run Service Capacitor, equipped with an Orange (CPT) Terminal, place one wire of the hard-start onto the Orange (CPT) Terminal and the other wire of the hard-start onto the terminal with the highest microfarad value for the HERM side.

NOTE 2: Not all installations have two (2) wires connected to the common as shown in the illustrated examples. In some installations there is only one (1) wire which is common to the compressor and fan motor.

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Turbo200®

MOST POPULAR DUAL-VALUE COMBINATIONS
TURBOS HAVE DUAL VOLTAGE RATINGS --- 370VAC OR 440VAC

All values in microfarads (mfds)

DUAL VALUE CAPACITORS		
REQUIRED VALUE	TERMINAL	
Herm / Fan	Herm	Fan
20 / 3	20	2.5(3)
20 / 4	20	5(4)
20 / 5	20	5(6)
20 / 6	20	5(6)
20 / 7.5	20	5(4)+2.5(3)
20 / 10	20	10
20 / 12.5	20	10+2.5(3)
20 / 15	20	10+5(6)
25 / 3	25	2.5(3)
25 / 4	25	5(4)
25 / 5	25	5(6)
25 / 6	25	5(6)
25 / 7.5	25	5(4)+2.5(3)
25 / 10	25	10
25 / 12.5	25	10+2.5(3)
25 / 15	25	10+5(6)
30 / 3	20+10	2.5(3)
30 / 4	20+10	5(4)
30 / 5	20+10	5(6)
30 / 6	20+10	5(6)
30 / 7.5	20+10	5(4)+2.5(3)
30 / 10	25+5(6)	10
30 / 12.5	25+5(6)	10+2.5(3)
30 / 15	25+5(6)	10+5(4)
35 / 3	25+10	2.5(3)
35 / 4	25+10	5(4)
35 / 5	20+10+5(6)	5(4)
35 / 6	25+10	5(6)
35 / 7.5	25+10	5(4)+2.5(3)
35 / 10	25+5(6)+5(4)	10
35 / 12.5	25+5(6)+5(4)	10+2.5(3)
35 / 15	25+5(6)+2.5(3)	10+5(4)
40 / 3	25+10+5(6)	2.5(3)
40 / 4	25+10+5(6)	5(4)
40 / 5	25+10+5(6)	5(4)
40 / 6	25+10+5(4)	5(6)
40 / 7.5	25+10+5(6)	5(4)+2.5(3)
40 / 10	25+10+2.5(3)	5(6)+5(4)

All values in microfarads (mfds)

DUAL VALUE CAPACITORS		
REQUIRED VALUE	TERMINAL	
Herm / Fan	Herm	Fan
45 / 3	25+20	2.5(3)
45 / 4	25+20	5(4)
45 / 5	25+20	5(6)
45 / 6	25+20	5(6)
45 / 7.5	25+20	5(4)+2.5(3)
45 / 10	25+20	10
45 / 12.5	25+20	10+2.5(3)
45 / 15	25+20	10+5(6)
50 / 3	25+20+5(6)	2.5(3)
50 / 4	25+20+5(6)	5(4)
50 / 5	25+20+5(4)	5(6)
50 / 6	25+20+5(4)	5(6)
50 / 7.5	25+20+5(6)	5(4)+2.5(3)
50 / 10	25+20+5(6)	10
50 / 12.5	25+20+5(6)	10+2.5(3)
50 / 15	25+20+5(4)	10+5(6)
55 / 3	25+20+10	2.5(3)
55 / 4	25+20+10	5(4)
55 / 5	25+20+10	5(6)
55 / 6	25+20+10	5(6)
55 / 7.5	25+20+10	5(4)+2.5(3)
55 / 10	25+20+5(6)+5(4)	10
55 / 12.5	25+20+5(6)+5(4)	10+2.5(3)
55 / 15	25+20+5(6)+2.5(3)	10+5(4)
60 / 3	25+20+10+5(6)	2.5(3)
60 / 4	25+20+10+5(6)	5(4)
60 / 5	25+20+10+5(6)	5(4)
60 / 6	25+20+10+5(4)	5(6)
60 / 7.5	25+20+10+5(6)	5(4)+2.5(3)
60 / 10	25+20+10+2.5(3)	5(6)+5(4)

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