



# Universal Turbo® Capacitors



- A. Turbolytic™ 50** – Motor start capacitor can replace any of the most popular values up to 302MFD
- B. Turbolytic™ JR** – More compact start capacitor offers combined values up to 227MFD
- C. DSC-Tester** – See the dual values of a motor run capacitor and compressor run capacitor simultaneously on the screen as you test
- D. Turbo® Easy-Start 5** – Replaces 4 commonly used hard start kits
- E. Turbo200®** - Run capacitor that replaces over 200 single or dual values up to 67.5MFD
- F. TurboMini®** – A permanent replacement run capacitor for fan size values 2.5MFD to 15MFD
- G. TurboMini® Oval** – A permanent replacement run capacitor for fan size values 2.5MFD to 15MFD
- H. Turbo200X®** – Run capacitor that replaces any of the higher range single or dual capacitors used in scroll compressors and higher efficiency A/C units, values up to 97.5MFD 370/400V

## Universal Turbo Capacitors

Specifications	TurboMini	TurboMini Oval	Turbo200	Turbo200X	TES5	Turbolytic 50	Turbolytic JR	TurboMeter
Case Qty	50	50	20	16	18	18	20	1 ea
Value Range	2.5 to 15MFD	2.5 to 15MFD	2.5 to 67.5MFD	Up to 97.5MFD	Up to 324 MFD	Up to 302MFD	Up to 227MFD	All
Voltage Range	370/440V	370/440V	370/440V	370/440V	Up to 330V	Up to 330V	Up to 330V	

**For your safety and performance, the Turbo®200 series has been tested and approved to the highest certification level of UL (Underwriters Laboratories) Standard 810; 10,000 AFC; Protected. (As required for all “original equipment” motor-run capacitors).**

The Turbo®200 is produced under one or more American Radionic patent numbers: 3,921,041; 4,028,595; 4,312,027; 4,312,145; 5,313,360; 6,014,308. Additional US and foreign Patents Pending. The Turbo®200 is designed, developed and manufactured by American Radionic Co, Inc, Palm Coast Florida USA.

RELIABLE PERFORMANCE

# TURBO 200 CAPACITORS

The world's first universal line of multiple tapped, oil-filled, metal can, motor-run and motor-start capacitors, eliminating the need to inventory more than 200 individual single or dual value capacitors with a voltage rating up to 440 VAC.



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# Turbolytic™ 50 and Turbolytic™ JR

The World's First Multiple-Value Motor-Start Capacitors



*The Turbolytic 50 and Turbolytic Jr can replace up to 64 different motor-start capacitance values w/ a voltage rating from 125VAC to 330VAC.*

Incorporated with the same film dielectric technology used in AmRad's motor-run capacitors, the Turbolytic 50 and Turbolytic Jr are safety protected using a UL approved safety interrupter - the same safety mechanisms used in all AmRad capacitors.

**TURBOLYTIC 50** - Replaces 50 popular values up to 302 MFD at 330 VAC

**TURBOLYTIC JR** - Replaces 12 of the most popular values up to 227 MFD at 330 VAC



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## USA MADE CAPACITORS

- ★ Manufactured in Palm Coast, Florida
- ★ 370/440V Single & Dual Capacitance
- ★ 5 Year Warranty
- ★ Filled with a Patented Non-PCB Fluid
- ★ 10,000 AFC Protected
- ★ UL 810 Approved
- ★ OEM Approved



**AMERICAN MADE PRODUCTS. 100% GUARANTEED.**

### Single Capacitance

### Dual Capacitance

GLOBAL NO.	MFD	VOLTAGE	CAN	CASE QTY	CAN SIZE
USA2027	3	370/440	Oval	100	1
USA2028	4	370/440	Oval	100	1
USA2029	5	370/440	Oval	100	1
USA2030	6	370/440	Oval	100	1
USA2031	7.5	370/440	Oval	100	1
USA2035	10	370/440	Oval	100	2
USA2037	12.5	370/440	Oval	100	2
USA2204	5	370/440	Round	100	4
USA2206	7.5	370/440	Round	100	4
USA2207	10	370/440	Round	100	4
USA2208	12.5	370/440	Round	100	4
USA2209	15	370/440	Round	100	4
USA2211	20	370/440	Round	100	5
USA2212	25	370/440	Round	100	6
USA2213	30	370/440	Round	100	6
USA2214	35	370/440	Round	100	6
USA2215	40	370/440	Round	25	7
USA2216	45	370/440	Round	25	10
USA2217	50	370/440	Round	50	10
USA2218	55	370/440	Round	50	10
USA2219	60	370/440	Round	50	8
USA2220	65	370/440	Round	50	8
USA2228	70	370/440	Round	50	8
USA2229	80	370/440	Round	50	8

GLOBAL NO.	MFD	VOLTAGE	CAN	CASE QTY	CAN SIZE
USA2224A	20/3	370/440	Round	50	7
USA2224	20/4	370/440	Round	50	7
USA2222	20/5	370/440	Round	50	7
USA2224BA	25/3	370/440	Round	50	7
USA2225	25/5	370/440	Round	50	7
USA2225B	25/7.05	370/440	Round	50	7
USA2227BA	30/3	370/440	Round	50	7
USA2226	30/5	370/440	Round	50	7
USA2272B	30/7.5	370/440	Round	50	7
USA2226BA	35/3	370/440	Round	50	7
USA2227	35/5	370/440	Round	50	7
USA2291	35/7.5	370/440	Round	50	10
USA2227B	35/10	370/440	Round	50	10
USA2274	40/3	370/440	Round	50	10
USA2235	40/5	370/440	Round	50	10
USA2232	40/7.5	370/440	Round	50	10
USA2232A	40/10	370/440	Round	50	8
USA2236A	45/3	370/440	Round	50	10
USA2236	45/5	370/440	Round	50	10
USA2233	45/7.5	370/440	Round	50	8
USA2234	45/10	370/440	Round	50	8
USA2237A	50/3	370/440	Round	50	8
USA2237	50/5	370/440	Round	50	8
USA2238	50/7.5	370/440	Round	50	8
USA2240	55/5	370/440	Round	50	8
USA2218A	55/7.5	370/440	Round	50	8
USA2218BA	55/10	370/440	Round	50	8
USA2220B	60/5	370/440	Round	50	8
USA2221B	60/7.5	370/440	Round	50	8
USA2221BA	60/10	370/440	Round	50	8
USA2221	70/5	370/440	Round	25	9
USA2222A	70/7.5	370/440	Round	25	9
USA2220BA	70/10	370/440	Round	25	9
USA2222B	75/5	370/440	Round	25	9
USA2222BA	80/5	370/440	Round	25	9
USA2223B	80/7.5	370/440	Round	25	9
USA2223BA	80/10	370/440	Round	25	9

CAN SIZE	DIAMETER (In.)	HEIGHT (In.)
1	1.25	1.5
2	1.25	2.3
3	1.25	3.9
4	1.75	2.3
5	1.75	3.0
6	1.75	3.9
7	2.0	4.2
8	2.5	4.2
9	2.5	5.7
10	2.2	4.2

THE ONLY 1-5 TON HARD START KIT



# TURBO® Easy-Start

2-Wire Universal - Up to 5 Tons

'Low-Loss' Metallized Motor-Start Capacitor  
with Built-In Potential Relay



*For a smooth & fast boost of Air Conditioner and Refrigeration Compressors.  
Simply select the capacitance range for your equipment!*

REPLACES 4 COMMONLY USED HARD START KITS

Up to 1 TON (108 - 130 MFD)  
1 - 2 TONS (189 - 227 MFD)  
2.5 - 3 TONS (233 - 280 MFD)  
3.5 - 5 TONS (270 - 324 MFD)

Part No. TES5



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