

MPP FILM CAPACITORS		AL. CAN ENCAPSULATION	
ARW SERIES	ARU/ARL SERIES	ATU/ ATS SERIES	ASW SERIES



I. ARW SERIES



II. ARU/ARL SERIES



III. ATU/ ATS SERIES



IV. ASW SERIES

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These capacitors are MPP-SH type in cylindrical aluminium can construction. They are available with or without top cover. They find application in air conditioners, washing machines, general purpose motors, lighting application, water pumps and electrical fan motors. These capacitors are available in four series.

I. ARW series

MPP-SH motor run capacitors with resin top end sealing assembly and lead out using flexible multistrand copper wire. Capacitors are supplied with or without top cover.

II. ARU / ARL series

MPP-SH motor run capacitors with resin end sealing and lead out using Tin plated mild steel ‘U’ terminals for ARU series and ‘L’ terminals for ARL series. Capacitors are supplied with or without top cover.

III. ATU / ATS series

MPP-SH motor run capacitors with terminal board end sealing and lead out using Tin plated mild steel ‘U’ terminals for ATU series and ‘L’ terminals for ATL series. Capacitors are supplied with or without top cover.

IV. ASW series

MPP-SH motor run capacitors with top disc end sealing and lead out through sides using flexible multistrand copper wire.

Constructional Features

Casing	:	Cylindrical Aluminium can construction
Dielectric	:	Polypropylene
Top sealing	:	Resin top / terminal board / Top disc
Lead out	:	Wire / terminal board

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Salient Features

- i) Self healing properties
- ii) High insulation resistance
- iii) Low dissipation factor
- iv) MPP-SH film of reputed imported make
- v) Capacitor elements wound using fully automatic microprocessor controlled winding machine imported from Switzerland.

Technical Specifications

Capacitance range	:	2.0 μ F to 72 μ F
Rated capacitance tolerance	:	\pm 5%
Rated voltage	:	250Vac / 440Vac
Rated frequency	:	50/60Hz
Temperature category	:	-25 ⁰ C to +85 ⁰ C
Reference Standard	:	IS 1709 / IS 2993 / IEC 252

Mechanical Dimensions

Sl. No.	Rating (μF)	Size (\emptysetxL) in mm	Volt (AC)	Termination	WC/TC	Series
1.	2	30x65	440	L terminal	WC	ARL
2.	2	30x56	440	Wire	WC	ARW
3.	2.25	30x65	440	L terminal	WC	ARL
4.	2.25	30x56	440	Wire	WC	ARW
5.	2.5	30x65	440	L terminal	WC	ARL
6.	2.5	30x56	440	Wire	WC	ARW
7.	3	30x65	440	L terminal	WC	ARL
8.	3	30x56	440	Wire	WC	ARW
9.	3.15	30x65	440	L terminal	WC	ARL
10.	3.15	30x56	440	Wire	WC	ARW
11.	3.5	30x65	440	L terminal	WC	ARL
12.	3.5	30x56	440	Wire	WC	ARW
13.	4	30x65	440	L terminal	WC	ARL
14.	4	30x56	440	Wire	WC	ARW
15.	6	35x68	440	L terminal	WC	ARL
16.	6	35x71	440	Wire	TC	ARW
17.	8	35x82	440	L terminal	WC	ARL

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Sl. No.	Rating (μF)	Size (ØXL) in mm	Volt (AC)	Termination	WC/TC	Series
18.	8	35x86	440	Wire	TC	ARW
19.	10	35X56	440	Wire	WC	ARW
20.	10	35x82	440	L terminal	WC	ARL
21.	10	38x82	440	L terminal	WC	ARL
22.	10	35x86	440	Wire	TC	ARW
23.	12.5	38x82	440	L terminal	WC	ARL
24.	12.5	38x86	440	Wire	TC	ARW
25.	15	40x82	440	L terminal	WC	ARL
26.	15	45x86	440	Wire	TC	ARW
27.	15	45x92	440	Wire	TC	ARW
28.	15	40x92	440	Wire	TC	ARW
29.	18	45x112	440	Wire	TC	ARW
30.	20	45x112	440	U terminal	WC	ARU
31.	20	45x112	440	Wire	TC	ARW
32.	20	45x92	440	Wire	TC	ARW
33.	20	40x112	440	Wire	TC	ARW
34.	25	45x112	440	U terminal	WC	ARU
35.	25	45x112	440	Wire	TC	ARW
36.	30	45x112	440	U terminal	WC	ARU
37.	30	45x112	440	Wire	TC	ARW
38.	30	45x140	440	Wire	TC	ARW
39.	36	45X140	440	U terminal	WC	ARU
40.	36	45X140	440	Wire	TC	ARW
41.	36	45X112	440	Wire	TC	ARW
42.	40	50x140	440	U terminal	WC	ARU
43.	40	50x140	440	Wire	TC	ARW
44.	45	50x140	440	U terminal	WC	ARU
45.	45	50x140	440	Wire	TC	ARW
46.	50	50x140	440	U terminal	WC	ARU
47.	50	50x140	440	Wire	TC	ARW
48.	60	54x140	440	Wire	TC	ARW