

● Feature

- ☑ Endurance: **85°C 5,000h** (With Ripple)
- ☑ Voltage: 350V_{dc} to 450V_{dc}
- ☑ Capacitance: 2,700μF to 12,000μF
- ☑ Size: φ63.5×105L to φ89×190L
- ☑ **Higher Ripple Current** from RWH

● Product Chart

- ☑ **Recommended to replace from RWF/ RWH to RWK**

*Line up for higher ripple current (85°C5,000hrs)

RWF

- 85°C5,000hrs
- Standard
- **24.1Arms/120Hz**
(450V8,200μF, φ89×155L)

Since 1991

RWH

- 85°C5,000hrs
- **Higher Ripple Current**
- **30.5Arms/120Hz**
(450V10,000μF, φ89×155L)

Since 2014.03

NEW **RWK**

- **85°C5,000hrs**
- **Higher Ripple Current**
- **33.1Arms/120Hz**
(450V8,200μF, φ89×150L)

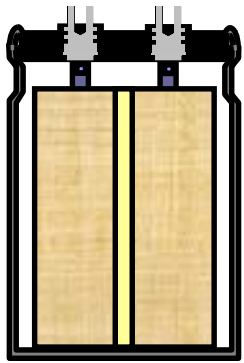


Since 2021.09



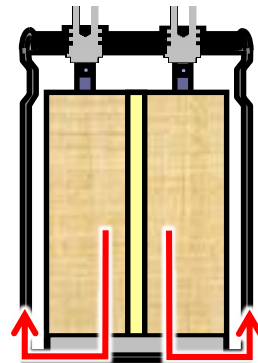
● Advantage

Conventional Structure



Paper

Heat dissipative Structure

Protruding
Cathode foil

- ☑ **Structure:** Protruding cathode foil on the bottom side
- ☑ **Case:** Foil directly contact to case (High thermal conductivity)

☑ Advantage from RWH to RWK



- ① Downsizing
- ② Higher ripple current

Conventional
RWF

Conventional
RWH

NEW
RWK

【 Key Technologies 】

Al-Foil (–)

- Heat dissipative structure

Al-Foil (+)

- Low losses foil
(Higher ripple current at 120Hz)

Electrolyte

- low resistance Electrolyte
(Higher ripple current at 120Hz)

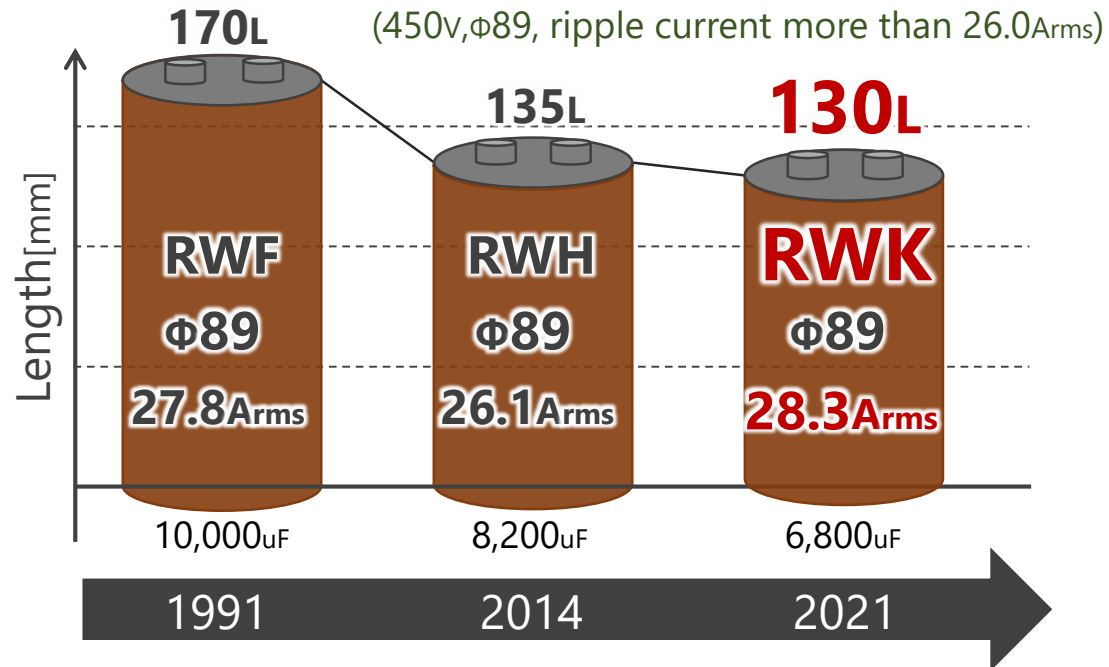
● Benefit/Evidence

➡ ① **Downsizing** . . . **Equipment downsizing, Low height**

② Higher ripple current . . . Longer equipment life, Reduce # of capacitor



✓ Comparison at height

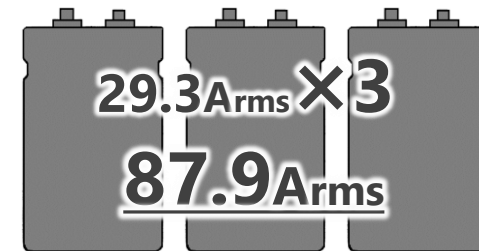


✓ Reduced # of capacitors

(450v, Ripple current more than 80Arms)

RWF

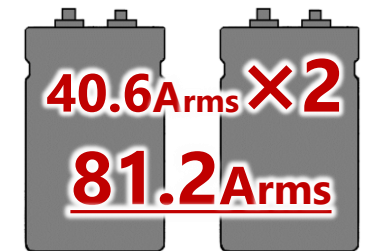
450V 12,000uF ($\phi 100 \times 190$ L)
29.3Arms/pc



1991

RWK

450V 10,000uF ($\phi 89 \times 190$ L)
40.6Arms/pc



2021

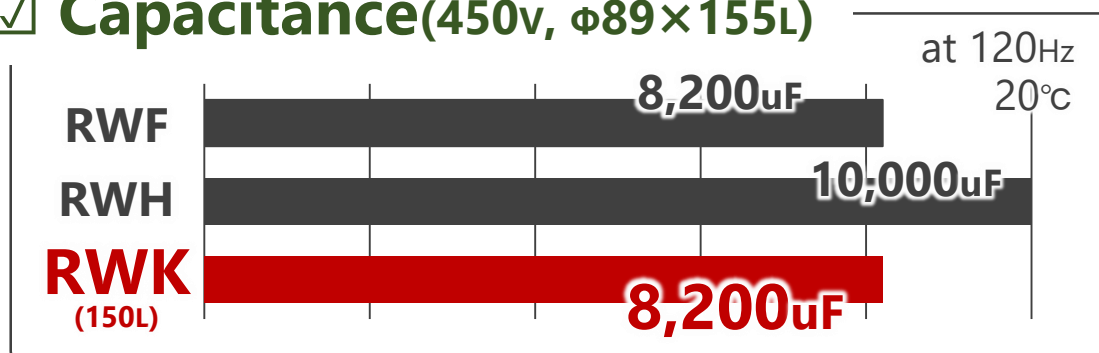
● Benefit/Evidence

① Downsizing . . . Equipment downsizing, Low height

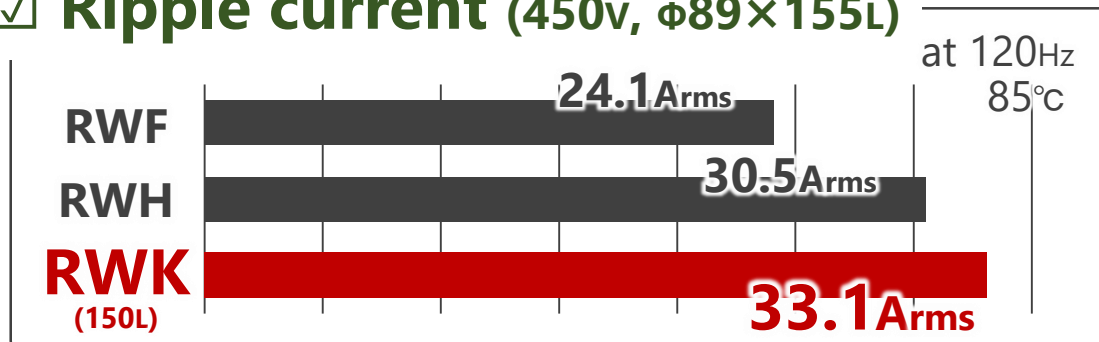
➡ ② Higher ripple current . . . Longer equipment life, Reduce # of capacitor



☑ Capacitance(450V, $\phi 89 \times 155L$)



☑ Ripple current (450V, $\phi 89 \times 155L$)



☑ Lifetime(450V, $\phi 89 \times 155L$)

