



**CBS MAGVAC: VIRTUALLY NO MOVING PARTS OR MAINTENANCE AND A FIVE YEAR WARRANTY**



# THE FUTURE IS HERE.



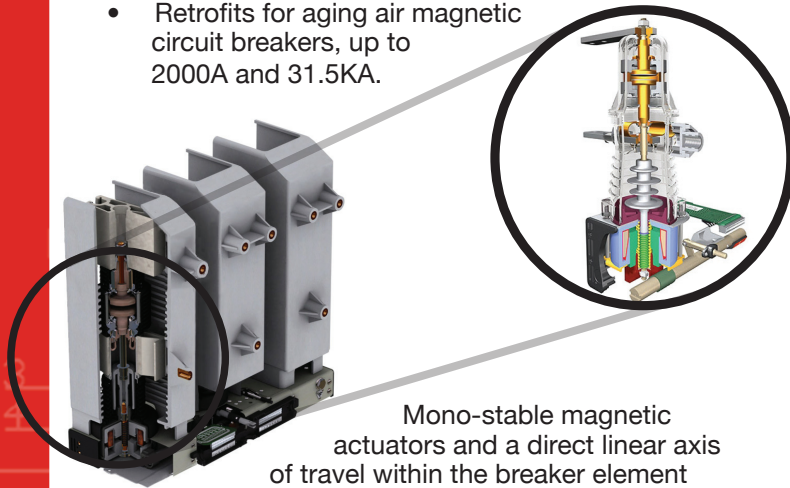
## MAGVAC REPLACEMENTS FOR COMMON AIR CIRCUIT BREAKERS

Original Model Type	CBS MagVac Solutions	Nominal Voltage (kV)	Max. Voltage (kV)	MVA / KA Rating	Continuous Current (A)	BIL (kV)	Opening Time (Cycles)	Electrical Operations
50-DH-250	50DH-MGV-250	4.16	5	250 / 31.5	1200A, 2000A	60	<3	30,000
50-DHP-250	50DHP-MGV-250	4.16	5	250 / 31.5	1200A, 2000A	60	<3	30,000
150-DHP-500	150DHP-MGV-500	13.8	15	500 / 31.5	1200A, 2000A	95	<3	30,000
5HK-250	5HK-MGV-250	4.16	5	250 / 31.5	1200A, 2000A	60	<3	30,000
DST-2	DST-2-MGV-5	4.16	5	500 / 31.5	1200A, 2000A	60	<3	30,000
DST-2	DST-2-MGV-15	13.8	15	500 / 31.5	1200A, 2000A	95	<3	30,000
MA-250-C1	MA-MGV-250- C1	4.16	5	250 / 31.5	1200A, 2000A	60	<3	30,000
Magnablast	AM 4.16-MGV-250	4.16	5	250 / 31.5	1200A, 2000A	60	<3	30,000

Additional models are available; contact us at [info@cbsmagvac.com](mailto:info@cbsmagvac.com) or 281-479-4555

### ROLL-IN REPLACEMENT AND RETROFIT SOLUTIONS WITH CUTTING EDGE MAGNETIC ACTUATOR TECHNOLOGY.

- Virtually no moving parts to wear out  
No breaker operating mechanism  
No trip/close coil  
No charging motor
- No new equipment investment
- 5 year manufacturer's warranty
- Up to 30,000 operations at rated current
- Retrofits for aging air magnetic circuit breakers, up to 2000A and 31.5KA.



Mono-stable magnetic actuators and a direct linear axis of travel within the breaker element eliminates virtually all moving parts. This gives the MagVac the ability to perform continuous switching without the need for maintenance.

### INNOVATIVE MOC SOLUTIONS

The CBS MagVac is equipped with the innovative MOC Actuator Control System (MACS). The MACS is a patented MOC solution designed to reposition the switchgear MOC independent of the MagVac magnetic actuator. The MACS eliminates the possibility of breaker stalls that can occur when MOC actuators are driven directly by the breaker mechanism. Additional advantages of the MACS include:

- The MACS is fully compatible with legacy switchgear; no cubical modification is required.
- The MACS applies less force to aging switchgear MOC switches compared to competitor options, extending their life.
- The MACS travel perfectly matches the legacy circuit breakers they replace. If required, the range of travel is easily adjusted.

### FUTURE PROOF

When your facility is upgrading wiring and relays, the MagVac is ready to move forward to the ultimate in simplicity and safety.

With consultation from CBS engineers, the breaker can be re-wired to work in conjunction with modern, fast acting relays. When combined with modern relays, the breaker interrupt speed can be reduced to one-cycle for arc flash mitigation projects.

### CIRCUIT BREAKER SALES AND REPAIR

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