

Quarter-Turn Electric Actuator for HVAC Systems

This quarter-turn electric actuator is designed for HVAC systems, including air conditioning and building automation. It provides reliable and precise control of quarter-turn valves in heating and cooling systems.



ADDITIONAL IMAGES



Overview

Precision Control for HVAC Systems

This compact quarter-turn electric actuator is specifically engineered for high-performance HVAC applications, including air conditioning, building automation, and fluid flow regulation. Designed for durability, it features a heavy-duty motor with thermal overload protection and an 80% duty rate, ensuring reliable operation in demanding environments. With its weather-proof housing and optional dehumidify heater, it provides consistent performance for both indoor and outdoor installations.

Performance & Operation

Performance Metrics

80 % Duty Rate	10000 cycles Life Cycle
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Operation Type	1/4 Turn with self-locking mechanism
Manual Override	Yes

Environmental & Housing

Housing Rating
IP67 • Type 4X

Environmental Resistance

- High temperature resistant
- Low temperature resistant
- High moisture resistant

Compliance & Standards

Certifications

CSA Listed, UL Complied, CE Marked, RoHS 3.0

Applications

Typical Applications

- Ball valve automation
- Butterfly valve automation
- Indoor temperature control
- Air conditioner air volume regulation
- Water flow and condensate flow control