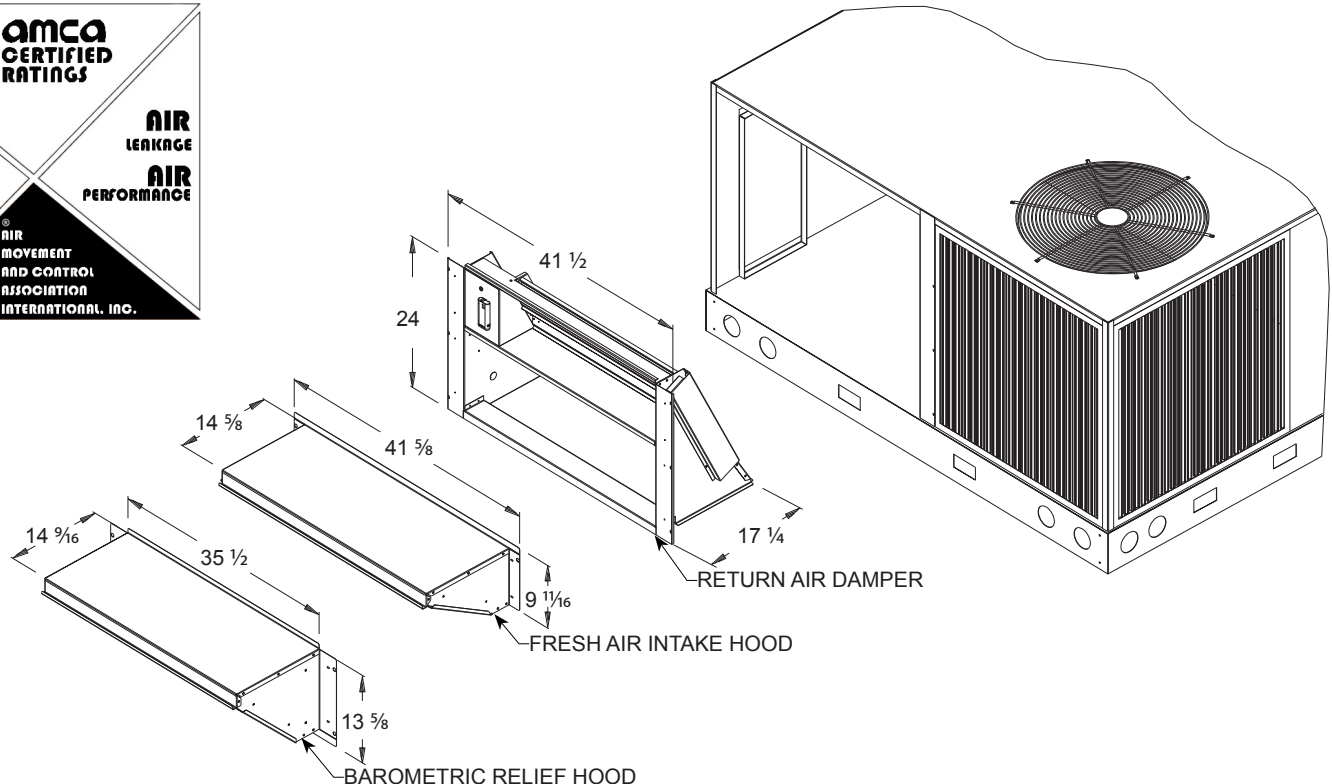


**RRS MODEL#: 10-36*-09C
DOWN DISCHARGE GEAR ECONOMIZER
U.S. PATENT#S: 5836814, 5938524, 6099405**

These ultra-low leak economizer dampers meet the following minimum construction standards:

1. Frame shall be 14 to 20 gauge galvanized steel channel.
2. Blades shall be 14 gauge (2.0) equivalent thickness galvanized steel, roll-formed airfoil type for low pressure drop and low noise generation.
3. Blade edge seals shall be Ruskiprene type or equivalent suitable for -72°F (-60°C) to +275°F (+135°C) mechanically locked into the blade edge. Adhesive or clip-on type seals are unacceptable.
4. Jamb seals shall be flexible metal, compression type to prevent leakage between blade end and damper frame. Blade end overlapping frame is unacceptable.
5. Bearings shall be stainless steel or nylon bushing.
6. Axles shall be hexagonal positively locked into the damper blade.
7. Drive mechanism shall be concealed out of airstream to reduce pressure drop and noise.
8. Economizer damper is tested and rated based upon AMCA Publication 500-D.
9. Damper shall meet the leakage requirements of the International Energy Conservation Code by leaking less than 3 cfm/sq. ft. at 1" of static pressure and shall be AMCA licensed as a class 1A damper. Complies with reliability and performance requirements as specified by the California Energy Commission's 2013 Title 24 Standard and ASHRAE 90.1 2013. Economizer dampers shall be Ruskin Rooftop Systems ECD60 model.



RRS controls feature the Honeywell JADE™ W7220 economizer controller with communicating actuator. Controls capable of Economizer Fault Detection and Diagnostics for code compliance.

RRS Model#	Control Package
10-366-09C	Modulating Control w/ Enthalpy
10-365-09C	Modulating Control w/ Dry Bulb