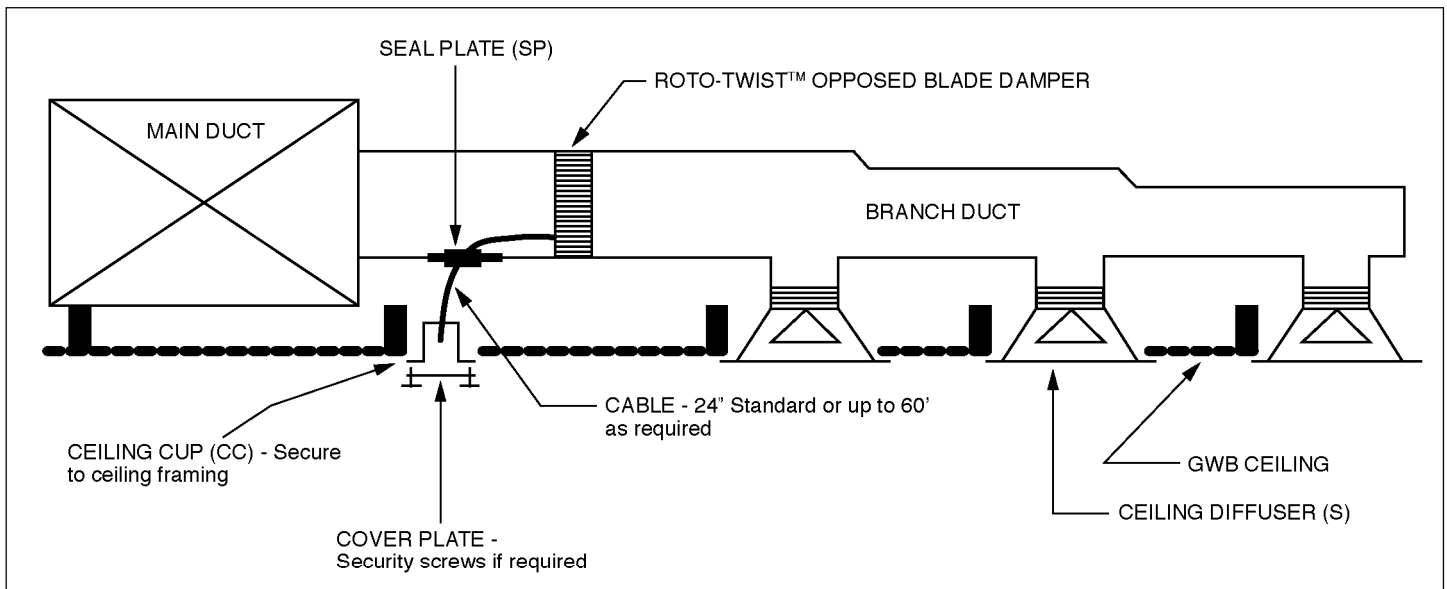


## The RT-100 SP/CC Specifications



9K-100-3.4 NT8

Furnish cable operated remote controlled volume dampers in branch ducts located in inaccessible ceilings and where otherwise indicated. Reference architectural drawings for locations of gypsum board, spline, (etc.) ceilings. Damper shall be adjustable with standard tools at the ceiling line through a concealed rectangular steel Ceiling Cup (RT-CCS) or round Ceiling Cup (RT-CCR or RT-CCM) secured to the ceiling or ceiling framing. The Ceiling Cups shall provide a secure, unobtrusive appearance flush with the ceiling surface. Extruded aluminum damper shall be pivot actuated by a brass plated rotary cable and supported at the damper end in an extruded aluminum-bearing bracket. Seal Plate shall be furnished with a self-lubricating bearing at the cable's point of exit from the duct. Additional cable retainer supports shall be factory furnished as required by the cable length. Rotary cable shall have a minimum torque service factor of 200% when installed in accordance with manufacturer furnished instructions. Cable assembly shall snap-fit into damper for one piece installation with no linkage adjustment required or miscellaneous small parts. Positive, direct, two-way damper control shall be provided with no sleeves, springs, or screw adjustments (that may loosen after ceiling closure). Damper sizes greater than 24" x 20" shall be fabricated in sections with one cable operator per section. Cable operated dampers shall be Metropolitan Air Technology LLC. Model #RT-100 with Ceiling Cup RT-CCR, RT-CCM, or RT-CCS, and Seal Plate System, or approved equal.

US Patent #5,702,298. Canadian Patent #2,185,311.