



SIEMENS

HVAC Products

Valve Retrofit Kit —
Universal Appeal



A Universal Problem

Broken actuators in your HVAC system used to mean just one thing — headaches. Replacing the valve along with the actuator wasn't always practical due to the additional labor expenses and downtime. That left you with one choice: finding a custom replacement or paying a premium price for the same technology that had already failed you once.

Siemens Building Technologies is changing the rules by offering you something you haven't had before — **a choice.**

Now a broken actuator can actually be an opportunity to put the quality and value of a Siemens solution in your system. Imagine being able to install a state-of-the-art Flowrite™ 599 Series actuator regardless of the manufacturer's name on your valve.

Whether your system is electronic or pneumatic, Siemens Building Technologies has the right actuator for your application. Now there's a way to retrofit actuators on your valves quickly and easily.

The Universal Valve Retrofit Kit —

Only from **Siemens Building Technologies.**

A Fitting Solution

The Universal Valve Retrofit Kit is engineered to provide a solid, reliable connection between a Flowrite 599 Series actuator and your valve. The valve kit adapts both the bonnet connection on the valve and the stem connection on the actuator without using complicated linkage arrangements that require painstaking adjustment during installation.

To accommodate different stroke lengths, the modulating valve actuators in the SQX, SKB, SKC, and SKD series employ an automatic calibration feature that will set the actuator's stroke to match that of the valve body (as long as the stroke length is equal to or less than the range of the actuator).

These kits allow the use of Siemens Flowrite 599 Series actuators with a wide array of third-party valves:

Honeywell
Johnson Controls
Invensys (Siebe, Barber-Colman,
Robertshaw)

Installation is as easy as selecting the correct bonnet and stem adapters, bolting the assembly in place, and letting the actuator calibrate itself.

Siemens Actuators — The Best in the Business

Siemens actuators are consistently chosen for their outstanding quality, precision, and reliability. With more than 100 years of manufacturing experience in the flow control arena, Siemens continues to lead the industry in innovation and value with its extensive product offering.



Whatever your need, you'll find a solution that meets your specifications without breaking your budget. The Flowrite™ 599 Series is perfect for all kinds of applications, from small air-handling units to central plant equipment rooms.

- **Outstanding precision** — With 100:1 position resolution, you get superior control over your HVAC system.
- **High force** — Flowrite 599 Series pneumatic, electro-hydraulic, and electro-mechanical actuators exert output forces up to 1,000 pounds.
- **Built-in manual override — no tools required** — All Flowrite 599 Series electronic actuators include a built-in manual override for emergency positioning, eliminating the need for a separate manual control valve.
- **Meets international standards requirements** — Flowrite 599 Series products meet industry standard requirements in North American and international markets.

Making the Connection

Choosing Siemens actuators for your next replacement makes perfect sense. In addition to offering a lower-cost alternative to a custom-made solution, Siemens advanced technology provides you with benefits far beyond just getting your system operational again:

- **Trouble-free operation** — Siemens actuators are known for their outstanding reliability. Why settle for anything less?
- **Greater control** — Repeatable, accurate valve positioning provides you with greater control over your system, which allows for more efficient operation. And greater control and efficiency translate into cost savings and improved occupant comfort.
- **Easy installation** — The Universal Valve Retrofit Kit and one-touch calibration make installation a breeze, minimizing downtime and labor costs.



Actuator Retrofit Kit Ordering Information

Brand Name	Valve Product Number	Kit Number
Siemens	658-XXXX and 339-XXXX	ARK10
	591-XXXX and 598-XXXX	ARK11
Honeywell	V3XXXX (2-1/2 inch and 3 inch)	ARK16
	V3XXXX (4 inch through 6 inch)	ARK18
	V501X (A, B, C, F, G, N) 1/2 inch through 3 inch	ARK17
	V501X (A, B, C) 4 inch through 6 inch	ARK21
Johnson Controls	VG2XXX (1-1/16 inch bonnet)	ARK20
	VG2XXX (1-5/8 inch bonnet)	ARK12
	VG7XXX (1 inch through 2 inch)	ARK13
	VG7XXX (1/2 inch and 3/4 inch)	ARK19
Siebe	VB7XXX and VB9XXX (threaded and flanged)	ARK14

Electronic Actuators — With Advanced Electronic Features

Actuator Stroke	Order Number
3/4 inch (20 mm)	SKD62UA SKB62UA
1-1/2 inch (40 mm)	SKC62UA

Setting a New Standard

Siemens Building Technologies has raised the bar for adaptability with the introduction of the UA Series electro-hydraulic actuators (SKB62UA, SKC62UA, and SKD62UA). The advanced electronic features of these innovative actuators allow for even greater flexibility in your retrofitting applications with:

- Adjustable input signals
- Signal inversion
- Adjustable start/span
- Stroke limitation

Get More. Specify Siemens.

Talk to your Siemens representative today and discover the universal appeal of this innovative solution.

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153-905P10 (03/04)