Flow Control Valves

MICRO-RATIO® Valve assemblies are used for air, gas and oil proportioning control. The multiple screw cam assembly provides mechanical adjustment capabilities to the air/fuel ratio at each valve position throughout the entire capacity range of your burner system.

Throttling range is fully adjustable and designed to operate over the extremely wide turndown capabilities of Maxon's modern burner systems.

Stand-by fuel requirements are simplified by using tandem-linked "air-gas-oil" valves to provide single point control for multiple fuel or multiple zone systems (see photo below).

M- 10" x 4" -M x 3/4" -O -200 MICRO-RATIO® triplex valve arrangement with optional companion flange set

MICRO-RATIO® Valves covered by U.S. Patents 2,286,173; 2,035,904; and 3,706,438.

M- 4" x 1-1/2" -P MICRO-RATIO® Valve

SYNCHRO Valves (below) may be used independently for individual adjustable gradient fuel flow control, or in tandem with other fuel control valves for more sophisticated multi-zone control applications.

Smaller sizes of SYNCHRO Valves use characterized "V" ports in a poppet disc for greatest refinement of control. Larger sizes feature a butterfly-type disc for maximum capacity with minimum pressure drop for gas or air flows.

Poppet-type Gas/Oil SYNCHRO Valve

1" -O -400 SYNCHRO

Butterfly-type Gas SYNCHRO Valve

2-1/2" -M SYNCHRO Valve

MAXON
A Honeywell Company

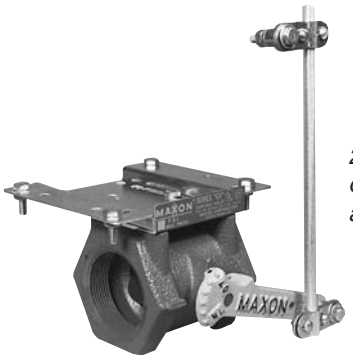
201 East 18th Street, P.O. Box 2068, Muncie, Indiana, 47307-0068. Phone: (765) 284-3304. FAX (765) 286-8394. www.maxoncorp.com

Flow Control Valves

Series "CV" Control Valves incorporate a full-flow, fixed gradient butterfly valve design for high capacities at low pressure drops, using minimum operating torque.

This economical assembly includes a minimum stop screw and can be supplied with connecting base and linkage assembly to mount your electric control operator.

Versions available with UL (Underwriters Laboratories) listing for air, natural gas and liquefied petroleum gas service.



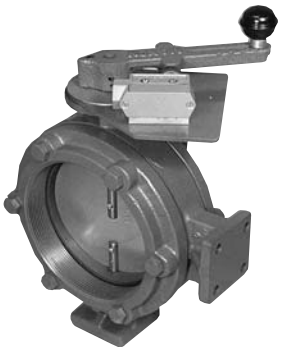
2" Series "CV" Valve with optional connecting base and linkage assembly

Series "BV" Balancing Valves are used to balance gas or air flows in multiple-burner systems fed by a common manifold. They feature a full-flow butterfly design with provision for locking in any position.

2-1/2" Series "BV" Valve

Air Control Valves permit throttling control of air to burners. They feature a fixed gradient butterfly valve design with an adjustable minimum stop, friction brake screw and provision for manual or automatic operation. Air control valves are offered in 1-1/2" through 18" pipe sizes.

A complete system using Maxon Flow Control Valves will typically include burner, gas and/or oil pipe trains, mixing equipment, pressure blower and a control panel. Your Maxon representative can help you choose from the broad range available.



M-6" Manual Air Control Valve with optional Low Fire Start Switch

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