

# Gas Flow Controls Burner Accessories



**Karl Dungs Inc.**  
**Product offering:**

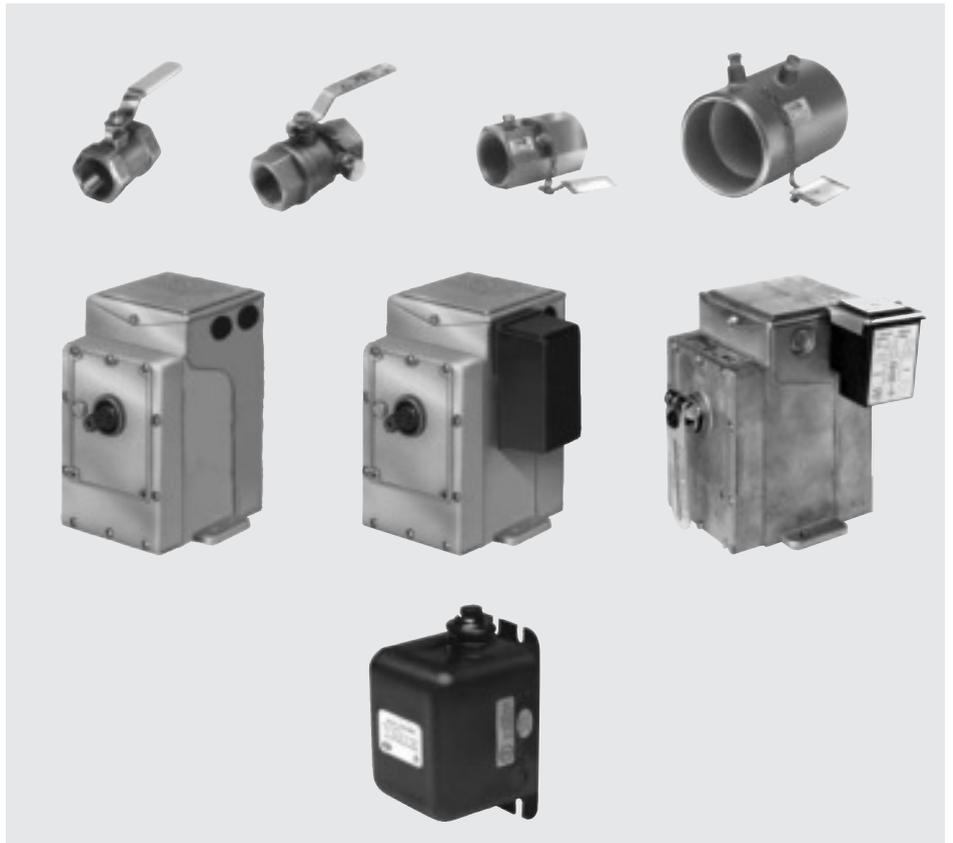
### Gas Flow Controls

- Manually operated shut-off valves
- Gas Orifice Meters
- Gas Venturi Meters

### Burner Accessories

- Ignition Transformers
- Electric Actuators

\*US and Canadian Approvals  
UL, CSA, FM



\*Check model listing for specific approvals

### Manually operated shut-off valves for flammable fluids.

Full port manual shut-off ball valves with low turning torque. Valve seat and packing are made of Teflon; O-ring is made of Viton.

CSA certified and UL Listed as 100% manual shut-off valves for combustion service.

Ambient temperatures: -40 to +300°F  
max. operating pressures (ratings):

UL	1/4" to 2"	<b>175 PSIG</b>
CSA	1/4" to 2"	<b>5 PSIG</b>
	2 1/2" to 3"	<b>1/2 PSIG</b>

### Gas Orifice Meters

Permit accurate setting of burner air & gas flow for optimum efficiency.

Max. operating pressure: **250 PSI**

Pipe sizes (NPT)

<b>Brass construction</b>	1/2" to 2"
<b>Carbon steel</b>	2 1/2" to 24"

### Gas Venturi meters

Max. operating pressure **250 PSI**

Pipe sizes (NPT)

<b>Brass construction:</b>	1/2" to 1 1/4"
<b>Carbon steel:</b>	2 1/2" to 8"

**Electric Actuators**

Dungs actuators are designed to operate dampers, butterfly valves and similar devices. Models are available for a variety of torques from 16 in. lb. to 450 in. lb. and control methods including two-position, position proportioning with slide-wire feedback, potentiometer proportioning and current-to-position proportioning. All models are UL listed and CSA approved.

**EMA-...**

- Two Position

**EMP-...**

- Position Proportioning 100 Ohm Slidewire Feedback
- Potentiometer Slaved Proportioning, 100-1000 Ohm, Slidewire Feedback
- Proportioning, 4 - 20 mA Input

**Ignition Transformers**

- Primary 120 or 240 V
  - 50 or 60 Hz Models
  - Secondary 6000 V
- UL listed  
CSA approved (120 V-Version)

We reserve the right to make any changes in the interest of technical progress.



**Karl Dungs, Inc.**  
3890 Pheasant Ridge Drive NE  
Suite 150  
Blaine, MN 55449, U.S.A.  
Phone 763 582-1700  
Fax 763 582-1799  
e-mail [info@karldungsusa.com](mailto:info@karldungsusa.com)  
Internet <http://www.dungs.com/usa/>

**Karl Dungs GmbH & Co. KG**  
P.O. Box 12 29  
D-73602 Schorndorf, Germany  
Phone +49 (0)7181-804-0  
Fax +49 (0)7181-804-166  
e-mail [info@dungs.com](mailto:info@dungs.com)  
Internet <http://www.dungs.com>