

Introducing the **Tight Seal** Motorized Flue Damper



For positive pressure venting systems.

Introducing a powerful solution to improve efficiency and conserve energy on commercial gas-fired boilers, central heating boilers, and tankless water heaters. The Field Controls Tight Seal Flue Damper is designed to maintain a super-tight seal when the system is idle and

is ideal for positive pressure systems. When multiple boilers are installed in series, the Tight Seal works to isolate each boiler system to prevent heat loss and flue-gas migration between boilers. There are nine sizes of the Tight Seal for pipe diameters 4" to 14".

- Reduces emissions, enhances safety and reliability
- Power open/spring closed action
- Prevents flue-gas backflow
- Reduces heat loss and fuel consumption



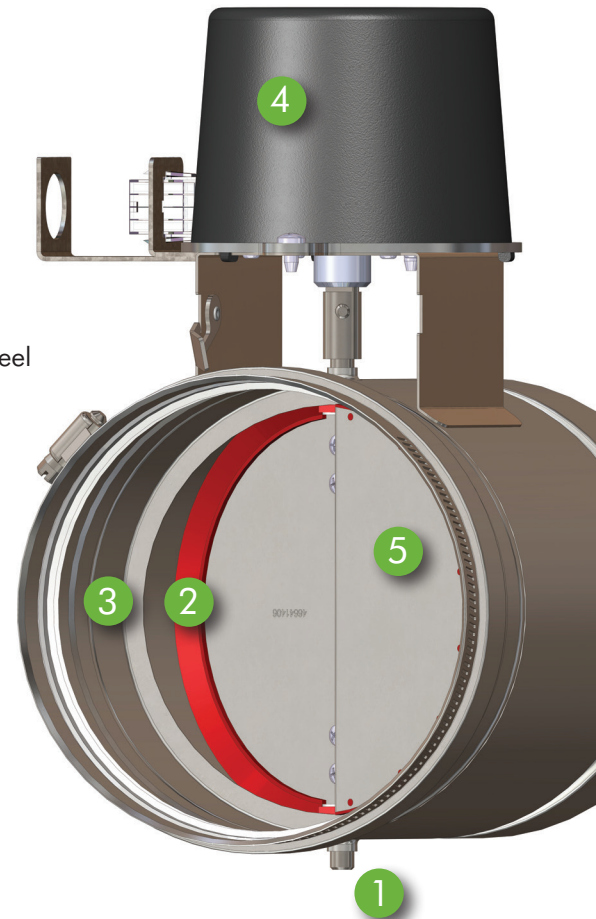
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How it Works

When there is a call for heat, the damper powers open in 30 seconds. Once the damper is proven open, the burner is allowed to fire. When the thermostat is satisfied, the damper closes within 10 seconds.

Features

- 1 Shaft**
 - 5/16" 303 stainless steel
- 2 Seal**
 - EPDM (Black) up to 300° F
(Standard Model)
 - FKM (Red) up to 400° F
(Premium Model)
 - Leakage: <7 CFH @ 0.4" w.c.
- 3 Pipe**
 - 24 gauge 316L stainless steel
(Standard Model)
 - 24 gauge AL29-4C stainless steel
(Premium Model)
- 4 Motor**
 - Power open, spring close
 - 24V or 120V control
 - Proof of open & closure
 - 5 amp proving switches
 - 6 watt synchronous motor
 - 8 pin connector
- 5 Gate**
 - 20 gauge 316L stainless steel
(Standard Model)
 - 20 gauge AL29-4C stainless steel
(Premium Model)



Model Options

When ordering a Tight Seal Motorized Flue Damper, please use the following chart for desired sizing, features, and specifications.

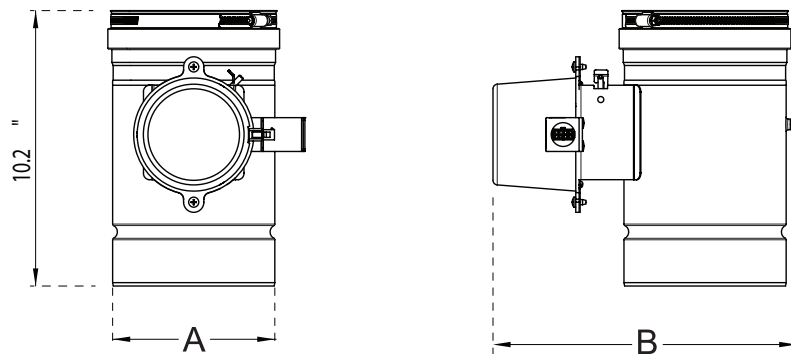
LLD – Size – Pipe/Gate Mat'l – Seal Mat'l – Voltage

example: LLD-4-316L-EPDM-24

Specifications			
Size (inches)	Pipe/Gate Material	Seal Material	VOLTAGE
4 - 14	316L*	EPDM*	24
	AL29-4C**	FKM**	120

*316L and EPDM only available together

**AL29-4C and FKM only available together



Dimensions (inches)

Model	A	B
LLD-4	4.0	9.2
LLD-5	5.0	10.2
LLD-6	6.0	11.2
LLD-7	7.0	12.2
LLD-8	8.0	13.2
LLD-9	9.0	14.2
LLD-10	10.0	15.2
LLD-12	11.0	17.2
LLD-14	12.0	19.2



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