

Automatic Damper ADF

Use

The ADF Automatic Damper is a single blade, two position damper powered by an actuator. The ADF is available in standard stack diameters ranging from 6 to 36 inches. The actuator interlocks with a boiler or gas fireplace to open the damper when the appliance is in use, and close it when the appliance is not in use.

Description

The ADF is powered by a 120 or 240VAC actuator. The actuator is equipped with the Enerdrive fail safe system to open the damper (and has two endswitches to prove damper position open/closed) in the event of an electrical or mechanical failure. The ADF stack section has a 1/2 inch flange and will attach to most standard flanged stack. The ADF is rated for temperatures up to 500°F (260°C).

The ADF should be installed with sufficient clearance above the boiler outlet to allow for damper protrusion into the stack when fully open.

The ADF has adjustable OPEN position, so it can operate as a Balancing Baffle as well.

Material

The damper is made of 20 GA, type 304 stainless steel.

Standard Equipment

One set of V-bands for proper mating to a UL308 positive pressure vent.

Optional Equipment

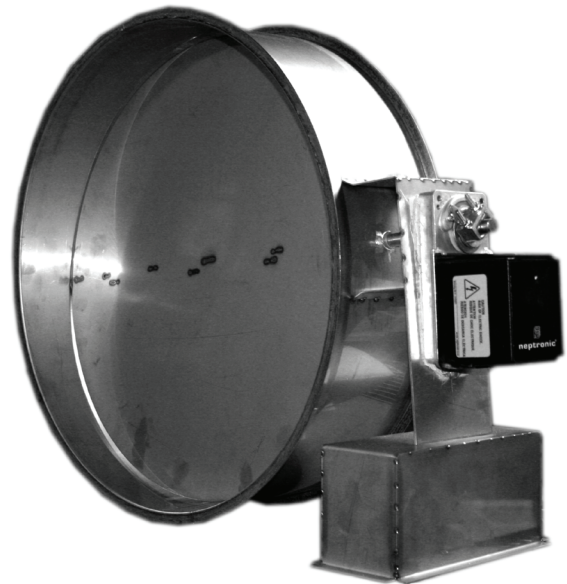
Weather proof enclosure for actuator.

Listings

Actuator is CSA and CE listed.

Warranty

2 year factory warranty.



Specifications

Model			ADF 6	ADF 8	ADF 10	ADF 12	ADF 14	ADF 16	ADF 18	ADF 20
Dimensions	Ø A	in	6	8	10	12	14	16	18	20
		mm	152	203	254	305	356	406	457	508
	Ø B	in	5.75	7.75	9.75	11.75	13.75	15.75	17.75	19.75
		mm	146	197	248	298	349	400	451	502
	Ø C	in	7	9	11	13	15	17	19	21
		mm	178	229	279	330	381	432	483	533
	D	in	12	14	16	18	20	22	24.5	26.5
		mm	305	356	406	457	508	559	623	686

Model			ADF 22	ADF 24	ADF 26	ADF 28	ADF 30	ADF 32	ADF 34	ADF 36
Dimensions	Ø A	in	22	24	26	28	30	32	34	36
		mm	559	610	660	711	762	813	864	914
	Ø B	in	21.75	23.75	25.75	27.75	29.75	31.75	33.75	35.75
		mm	552	603	654	705	756	806	857	908
	Ø C	in	23	25	27	29	31	33	35	37
		mm	584	635	686	737	787	838	889	940
	D	in	28.5	30.5	32.5	34.5	36.5	38.5	40.5	42.5
		mm	750	813	877	940	1004	1067	1131	1194

