



STACK DAMPER

DESIGNED FOR PERFORMANCE AND RELIABILITY

FEATURES:

- Fits Pressure Stacks 12" to 44" in Diameter
- High Temperature Bearings

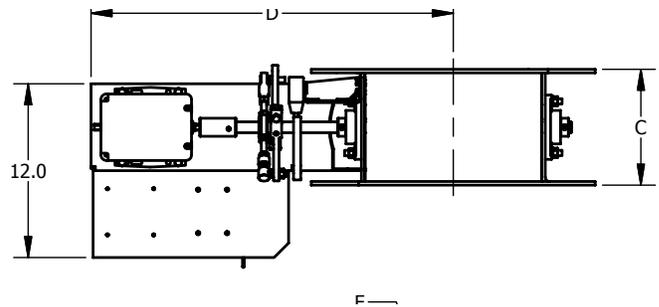
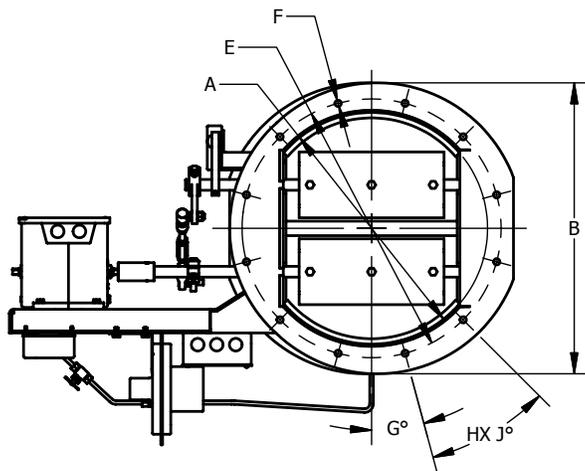
The Cleaver-Brooks Stack Damper is designed to control chimney draft. The stack damper can be used as an on-off system, to help reduce boiler standby losses, or with the C-B Sequencing Draft System to control excessive draft throughout the firing range. This improves heat transfer, combustion efficiency, and reduces incidences of pilot failure.

The Stack Damper is a ruggedly built multi-blade damper system, flanged for easy installation in pressure stacks from 12 to 44 inches in diameter. The opposing damper blade design delivers precise draft control. Damper blades are #10 gauge carbon steel plate reinforced and bolted to a 3/4" diameter

- Reduces Boiler Standby Losses
- Compatible with IC Sequence Draft System

cold rolled steel shaft. The shaft is supported by relubricable, high temperature ball bearings with Graphalloy® bushings. The heavy duty cast iron arms and ball joints provide smooth assembly movement. The damper system is driven by a control motor developing between 150 and 600 inch pounds of torque (depending on the size of the damper) and operated by either a 0-135 ohm or a 4 to 20 mA signal. A pressure switch and external limit switch are provided for maximum safety, proving damper open before firing of the burner. Maximum temperature rating is 600°F.

SPECIFICATIONS:



STANDARD CONFIGURATION

DAMPER ASSEMBLY P / N	STACK ID (IN.)	A	B	C	D	E	F	G	H	J
506-00544	12	12.0	16.1	8.0	23.4	13.9	0.44	22.5	8.0	45.0
506-00541	16	16.0	20.1	8.0	25.0	17.9	0.44	15.0	12.0	30.0
506-00550	18	18.0	23.1	8.0	26.2	20.5	0.63	22.5	8.0	45.0
506-00543	20	20.0	23.3	8.0	27.2	21.9	0.44	15.0	12.0	30.0
506-00542	24	24.0	27.0	8.0	29.0	25.9	0.44	11.25	16.0	22.5
506-00545	32	32.0	36.0	8.0	32.5	34.0	0.56	15.0	12.0	30.0
506-00546	36	36.0	40.3	10.0	35.3	38.0	0.56	15.0	12.0	30.0
506-00547	42	42.0	48.0	10.0	38.1	45.5	0.88	15.0	12.0	30.0
506-00551	44	44.0	50.0	10.0	39.4	47.5	0.88	15.0	12.0	30.0



Packaged Burner Systems
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