


# CEJ Custom Expansion Joints

## RECTANGULAR METAL EXPANSION JOINT DATA SHEET

313 N. Stewart Rd., Liberty, MO 64068 (816) 781-3507 Fax (816) 781-3520

Customer's Name			Date		Page		of	
Mailing Address			Project Name					
City, State, Zip Code			*Quote Req'd by:			Quote No.		
Phone No.		Fax No.			Delivery Req'd by:			
Prepared By:			Item/Tag No.		Item/Tag No.		Item/Tag No.	
PLANT TYPE (Coal, Oil, Gas, Hydro, Incineration, Etc.)			Qty.		Qty.		Qty.	
LOCATION OF EXPANSION JOINT (Fan, Boiler, Scrubber, Precipitator, Stack, Etc.)								
FLOW DIRECTION (Up, Down, Horizontal, Angular Up, Angular Down)								
<b>BELLOWS</b>	STYLE		NO. OF CONS.					
			HEIGHT OF CONS.		IN.		IN.	
			PITCH OF CONS.		IN.		IN.	
	CORNER STYLE (Round, Miter, Camera)							
<b>SIZE</b>	DUCT SIZE (Inside Dimensions/Diameter)		FT. IN. X FT. IN. DIAMETER		FT. IN. X FT. IN. DIAMETER		FT. IN. X FT. IN. DIAMETER	
	DUCT MATING FLANGE SIZE		IN.		IN.		IN.	
	FACE TO FACE DIMENSION		IN.		IN.		IN.	
<b>GAS</b>	MEDIUM (Air, Flue Gas, Liquids, Etc)							
	DUST LOAD		PSF		PSF		PSF	
	FLOW VELOCITY		FPS		FPS		FPS	
<b>PRESSURE</b>	MAXIMUM		IN. H <sub>2</sub> O Pos. Neg.		IN. H <sub>2</sub> O Pos. Neg.		IN. H <sub>2</sub> O Pos. Neg.	
	DESIGN		IN. H <sub>2</sub> O Pos. Neg.		IN. H <sub>2</sub> O Pos. Neg.		IN. H <sub>2</sub> O Pos. Neg.	
	OPERATIONAL		IN. H <sub>2</sub> O Pos. Neg.		IN. H <sub>2</sub> O Pos. Neg.		IN. H <sub>2</sub> O Pos. Neg.	
<b>TEMP.</b>	DESIGN		°F		°F		°F	
	OPERATING		°F		°F		°F	
	MINIMUM		°F		°F		°F	
<b>MATERIALS</b>	BELLOWS							
	LINER							
	COVERS							
<b>MOVEMENTS</b>	AXIAL COMPRESSION		IN.		IN.		IN.	
	AXIAL EXTENSION		IN.		IN.		IN.	
	LATERAL DEFLECTION		IN.		IN.		IN.	
	ANGULAR (1st Plane/2nd Plane)		° °		° °		° °	
	TORSION		°		°		°	
<b>DUCT</b>	DUCT MATERIAL							
	DUCT OPENING		IN.		IN.		IN.	
	FRAME MATERIAL		FASTENERS					
	DUCT THICKNESS W/INSULATION		IN.		IN.		IN.	
	AXIAL		IN.		IN.		IN.	
<b>SPRING RATE</b>	LATERAL DEFLECTION		IN.		IN.		IN.	
	ANGULAR (1st Plane/2nd Plane)		° °		° °		° °	
FLY ASH BARRIER (Std. or IFAB, IAF, IAT)								
COMMENTS:								

\*Please allow adequate time to prepare customer inquiry quotation.