



Expansion Joint specification sheet

Engineering – Design – Manufacturing

Customer :	
Project :	
Contact :	
Phone # :	
Inquiry # :	

Date :	
Quote Req'd by :	
Delivery date required :	
Item no. / tag no.	
Quantity per item	
New or Replacement	

Service	Type of plant / Service (precipitator, scrubber, etc...)					
	Type of fuel and percent sulfur					
	Number of startups and shutdowns per year					
	Location of expansion joint (fan outlet, stack...)					
Size	Duct size (inside diameter or dimensions)			in.	in.	in.
	Face to face dimensions (if replacement or required)			in.	in.	in.
Gas	Flowing medium (air, flue gas, etc...)					
	Dust load			lb./cu.ft.	lb./cu.ft.	lb./cu.ft.
	Flow velocity / Volume flow			fps/cfm	fps/cfm	fps/cfm
	Flow direction (up, down, horizontal, angular up, angular down)					
Pressure	Maximum operating pressure			in. H2O	in. H2O	in. H2O
	Normal operating pressure			in. H2O	in. H2O	in. H2O
Temperature	Gas temperature	Normal continuous		°F	°F	°F
		Maximum	temperature	°F	°F	°F
			duration per event	hr	hr	hr
			cumulative duration	hr	hr	hr
	Ambient temperature	Maximum		°F	°F	°F
		Minimum		°F	°F	°F
Movements	Axial compression			in.	in.	in.
	Axial extension			in.	in.	in.
	Lateral deflection			in.	in.	in.
	Angulation (indicate if in plane of lateral movement: yes or no)			° / Y N	° / Y N	° / Y N
	Torsion			°	°	°
Duct	Duct material					
	Duct thickness			in.	in.	in.
	Duct corner (radius or square)					
	Internal liner/ baffle					
	Dust pillow					
	Tie rods					
Other Comments	Skin temperature required (fabric)					