



Engineering – Design – Manufacturing

Damper specification sheet

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...)			<p><u>Type of damper</u></p> <p><input type="checkbox"/> Round butterfly</p> <p><input type="checkbox"/> Rectangular louver</p> <p style="padding-left: 40px;"><input type="checkbox"/> Parallel</p> <p style="padding-left: 40px;"><input type="checkbox"/> Opposed</p> <p><input type="checkbox"/> Slide gate guillotine</p> <p><input type="checkbox"/> Diverter</p> <p><input type="checkbox"/> Counterbalance backdraft</p> <p><input type="checkbox"/> Stack cap</p> <p><input type="checkbox"/> Radial vane</p>
	Type of fuel and percent sulfur			
	Location of damper (fan outlet, stack...)			
	Elevation		ft.	
Size	Duct size (inside diameter or dimensions)	in.	in.	
	Face to face dimensions (if replacement or required)		in.	
Gas	Flowing medium (air, flue gas, etc...)			
	Dust load		lb./cu.ft.	
	Flow velocity / Volume flow		ft./sec. ; cfm	
	Flow direction (up, down, horizontal, angular up, angular down)			
Pressure	Maximum operating pressure - in open position		in. H2O	
	Differential pressure - in closed position		in. H2O	
Temperature	Gas temperature	Normal continuous		°F
		Maximum	temperature	°F
			duration per event	hr
			cumulative duration	hr
	Ambient temperature	Maximum		°F
		Minimum		°F
Leakage	Allowable leakage across damper		% or cfm	
Duct	Duct material			
	Duct thickness		in.	
	Insulation	<input type="checkbox"/> None <input type="checkbox"/> External <input type="checkbox"/> Internal		
		Thickness	in.	
Material				
Operation	<input type="checkbox"/> On / Off		Modulation : <input type="checkbox"/> Start-up <input type="checkbox"/> Continuous	
Actuator	Controls			
	Type	<input type="checkbox"/> Electric	Voltage : / /	
		<input type="checkbox"/> Pneumatic	Pressure : psig.	
		<input type="checkbox"/> Hydraulic	Pressure : psig.	
		<input type="checkbox"/> Manual	<input type="checkbox"/> Lever 10 pos. <input type="checkbox"/> Chainwheel	
	Time req'd for on/off		sec.	
Enclosure		<input type="checkbox"/> Weatherproof <input type="checkbox"/> Explosion proof		
Material	Blade	Shaft		
	Frame	Seal		
<u>Other comments</u>				

Note :
Please provide lay-out or sketch of damper location within the system.