



Technical Products and Services, Inc.

Industrial Fluid Handling Product Specialists Since 1981

Phone 908.362.9981 Fax 908.362.5631 Web <http://www.fluidproducts.com>

Section I. Contact Information

Company Name			
Contact For This Project		Email Address	
Street Address			
City		State	
Phone		Fax	
		Zip	

Section II. Part (Target) Description

Describe the part to be dried.					
What are the physical dimensions of the part?					
	Length	Width	Height	Diameter	Weight
What material is the part constructed from?					
	Plastic	Glass	Metal	Elastomer	Other
Describe the surface of the target					
	Smooth	Textured	Porus	other	
Describe the surface contour					
	protrusions	other	thru holes	blind holes	ribbed pockets
Upon request, can a sample be provided to Sonic Air Systems for evaluating the application?					

3.0 Method of Conveyance

How is the part conveyed?	(conveyor, other)	conveyor speed	conveyor width
conveyor type	belt	overhead	hoist
	cable		
conveyor material	chain mesh	% open area	roller diameter
	pitch		
What is your production rate for this part?	parts/ft per, minute, hour day		batch size, batches/hr
How is the part orientated on the conveyor?			
What is the direction of travel? (horizontal, vertical, other)			
Does the part rotate? (yes (rpm), no)			
How close can an air knife be placed to the part?			
Describe any space limitations for the Sonic Air System?			

4.0 Performance Parameters

Material to be removed from part? (tap water, di water, coolants/lubricants, contaminants, wash solution, acids/caustics, coatings, other) (temp, % solution)	
2. What level of air filtration is needed to maintain product cleanliness? (standard 10 micron or clean room 0.30 micron)	
What method do you use to determine dryness of the part? (none, visual, gross weight, optical scanner, other)	
What level of dryness is required? (50, 90, 95, 99 or other%)	
What section(s) of the parts need to be dried (top, bottom, l side, r side, back, all surfaces, other)	
What method of drying is currently used?	
What electrical power is available? (V, Hz, phase, amps)	
Special Motor Considerations (Premium Efficiency (PE), Explosion Proof (XP), Wash Down (WD) Other)	
Is this a wash down area? (caustic, water only, other)	
Plant conditions (temp, altitude)	
Will blower be exposed to water spray?	Dirt/Debris?
Acceptable decibel level (db)	



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5.0 Additional information

Please add any additional information in the space provided that may impact the design and subsequent quote from Sonic Air Systems.

6.0 Plumbing Information

Sonic provides the required plumbing to get the air from the blower to the knives/nozzles. Each system is shipped with a 3D plumbing installation drawing to assist with proper installation. These responses assist us with ensuring the blower is sized properly and will meet the performance guarantee by taking the plumbing required into consideration.

Approximate Plant Elevation Above Sea Level: Ft.

Location of Blower/Motor unit in relation to line: Ft.

Unit Mounting: Floor Overhead

If Overhead, will it be accessible? Yes No

How far is the Blower/Motor unit from the air knives/air wipe: Ft.

Are there any obstructions to plumb the blower straight to the air knives? Yes No

If yes, please describe:

Can you provide a Plant layout drawing? Yes No



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Are there any limitations to going up and over structures? Yes No If yes, please describe:

Which type of tubing do you prefer? ABS Stainless Steel Other _____

Are there any caustics in the environment? Yes No

Will there be any Exhausting for this application? Yes No If yes, please describe:

Are there any special Filtering requirements? Yes No

Are there any other Safety concerns to be aware of? Yes No If yes, please describe:

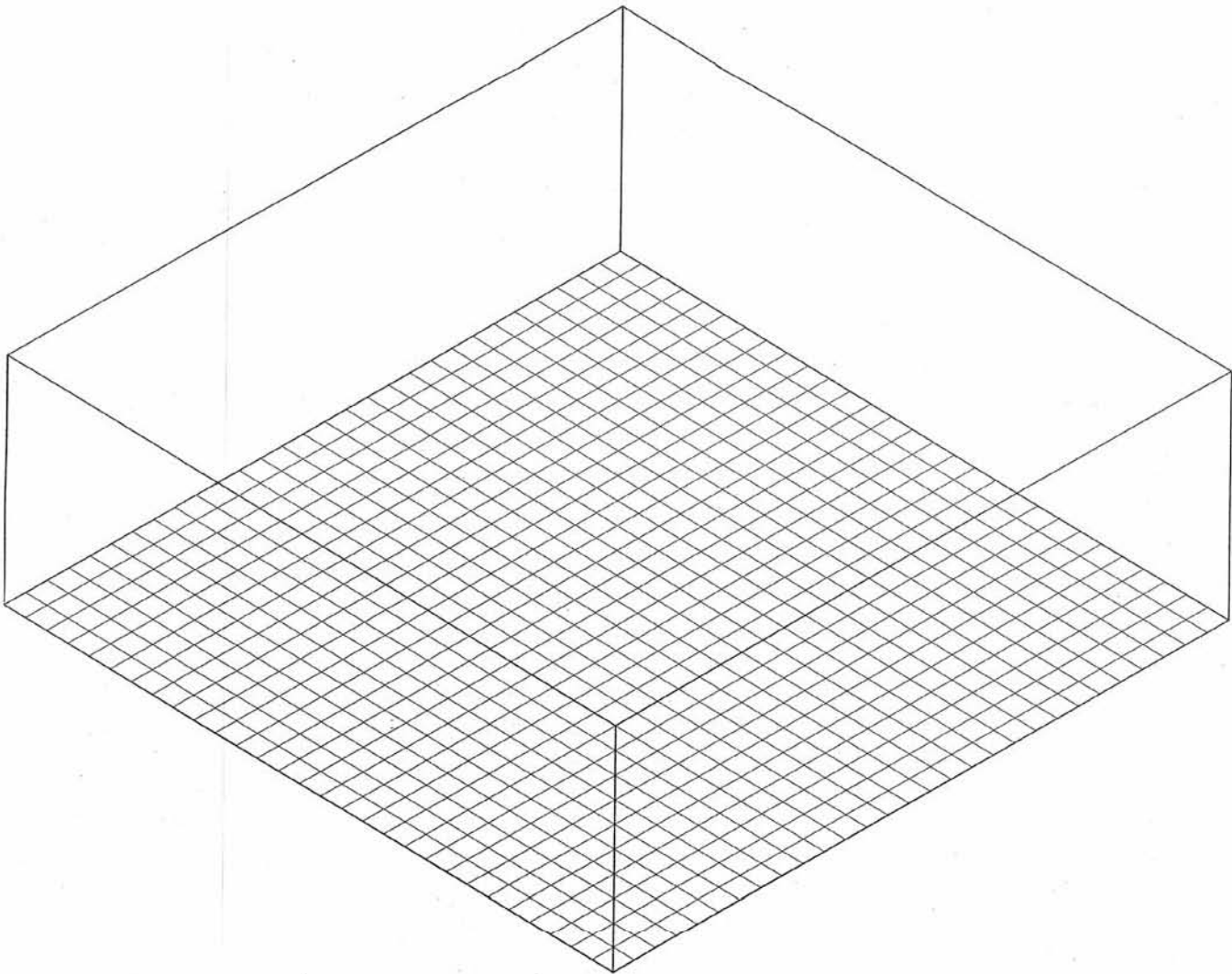


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Piping over 50ft will require Piping Loss calculations to determine pressure loss.
If requested information is not provided, Sonic Air Systems assumes no responsibility for performance loss, and can only issue a budgetary design until the necessary information is received.



Thank you for completing this questionnaire and for considering Sonic Air Systems for your drying needs.