



Vacuum Flange Quotation Specification

CUSTOMER INFORMATION

Customer Name: _____
Company Name: _____
Company Address: _____
Contact Phone Number: _____
Contact Fax Number: _____
Contact Email Address: _____

BASIC FURNACE INFORMATION

Furnace Type: _____
Wafer Size: _____
Quartz Tube Size (ID/OD in MM): _____
Quartz Liner Size (ID/OD in MM): _____
Process Type: _____
Qty of Front Flanges to be Quoted: _____
Qty of Rear Flanges to be Quoted: _____

VACUUM FLANGE INFORMATION

Flange Part Number: _____
Flange Manufacturer: _____
Basic Flange Size (ID/OD in MM): _____

Below you will find a basic drawing for a front and rear vacuum flange. Please make a simple sketch of components on your current or existing flange that you would like us to quote or duplicate. The more detail you are able to give us, the faster we can determine your requirements and forward your quotation.

Vacuum ports are available in KF, ISO, CF, and Ball Joint configurations. Profile TC, Gas Inlet/Injector fittings are available in Swagelok VCR®, VCO®, Ultra-Torr®, tube, pipe seal, ball joint, and ball socket fittings. Water fittings are available in Swagelok, pipe seal, tubing, as requested.

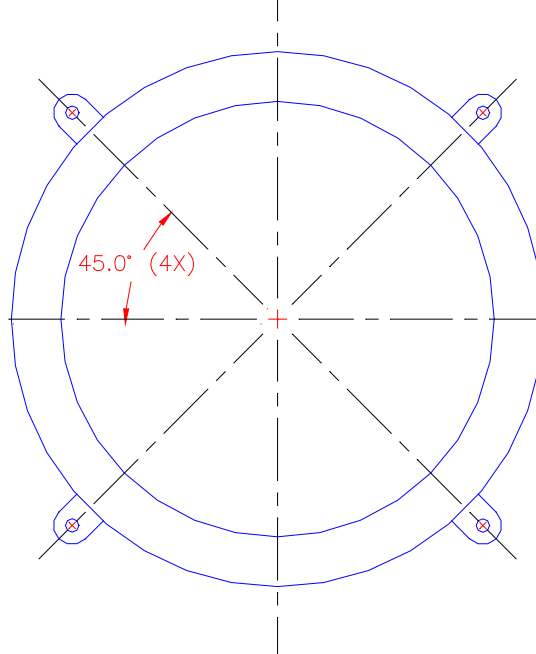


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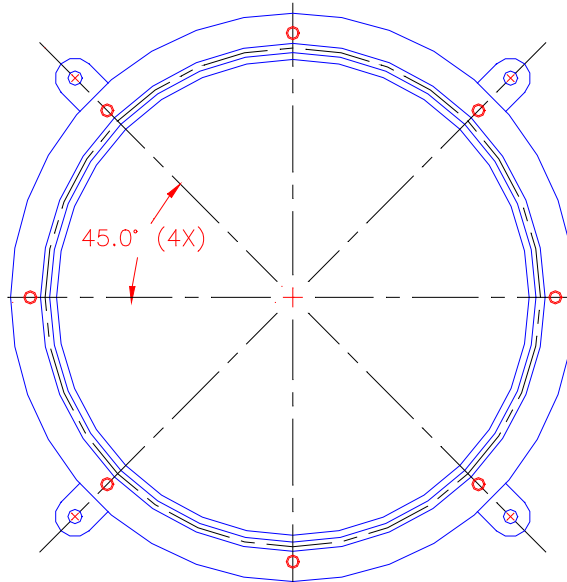
FRONT FLANGE DRAWING

Sketch Water Lines, Gas Inlets, & Baratron, etc...



BACK FLANGE DRAWING

Sketch Water Lines, Gas Inlets, etc...





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FRONT FLANGE SPECIFICATION

O-ring Seal on Door (Y/N):		Size:
O-ring Seal on Front Flange (Y/N):		Size:
Vacuum Locked Door (VLD) Required (Y/N):		
<u>Water Line Fitting Type:</u>		
1/4 Tubing		1/4 Swagelok
3/8 Tubing		3/8 Swagelok
Other:		
Water Line Fitting Location (0-360°):		Inlet: Outlet:
VLD Line:		Location: Size:
Gas Inlet #1:		Location: Size:
Gas Inlet #2:		Location: Size:
Gas Inlet #3:		Location: Size:
Gas Inlet #4:		Location: Size:
Baratron Inlet:		Location: Size:
Other:		Location: Size:
<u>Gas Inlet Type:</u>		
1/4 MVCR (Fixed or Floating Nut)		1/4 FVMCR
3/8 MVCR (Fixed or Floating Nut)		3/8 FMVCR
1/2 MVCR (Fixed or floating Nut)		1/2 FVCR
Swagelok	VCO	
Other		
Front Injector Required:	Gas Inlet#	Qtz Inj ID/OD
Other:		



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BACK FLANGE SPECIFICATION

O-ring Seal:		Size:	
<u>Water Line Fitting Type:</u>			
1/4 Tubing		1/4 Swagelok	
3/8 Tubing		3/8 Swagelok	
Other:			
Water Line Fitting Location (0-360°):		Inlet:	Outlet:
		0-360°	
Gas Inlet #1:	Location:		Size:
Gas Inlet #2:	Location:		Size:
Gas Inlet #3:	Location:		Size:
Gas Inlet #4:	Location:		Size:
Baratron Inlet:	Location:		Size:
Other:	Location:		Size:
<u>Gas Inlet Type:</u>			
1/4 MVCR (Fixed or Floating Nut)		1/4 FVMCR	
3/8 MVCR (Fixed or Floating Nut)		3/8 FMVCR	
1/2 MVCR (Fixed or floating Nut)		1/2 FVCR	
Swagelok	VCO		
Other			

COMMENTS OR QUESTIONS?

Please send specification to INVAC Systems for review by Engineering. A quote will be forwarded in 5-10 business days upon receipt of specification.



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