

Dear Mr. Dobler,

I want to take a moment to pass along to you a message from our maintenance and engineering staff here at VPE.

As you may be aware, our metallurgical processing facility operates many high vacuum brazing and thermal processing furnaces. These furnaces are pumped using cryogenic, diffusion, and turbomolecular systems. Our customers demand the utmost cleanliness of the furnace interiors so that contaminants will be kept from materials being processed.

We use GNB cryogenically cooled traps on our three 35" diffusion pumped furnaces and also on several smaller furnaces. Also, we use your traps as water cooled thermal baffles for some furnaces. All of your traps have been maintenance free. These traps help keep our systems operating at the extreme cleanliness levels required for processing reactive metals. An added benefit of these traps is a substantial increase the system pumping speed.

We plan to use your traps in future furnace builds.

Best regards,



Carl P Schalansky, Ph.D., P.E.

Vacuum Process Engineering, Inc.  
President