

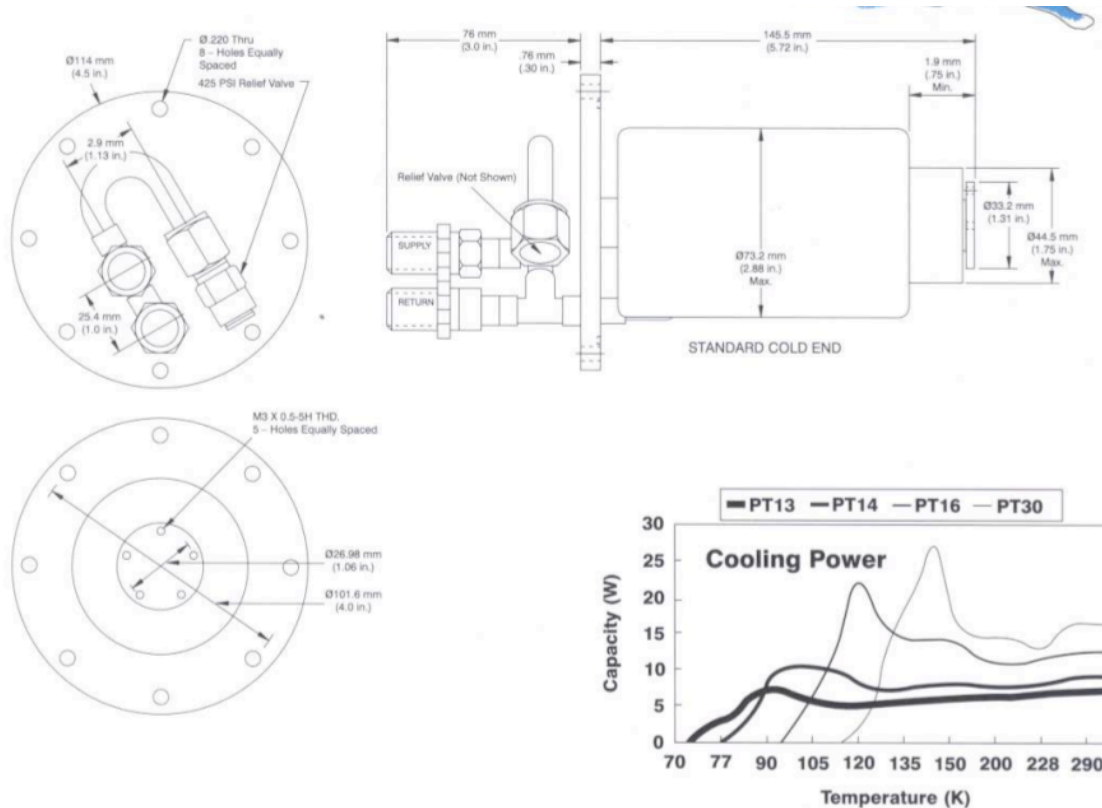
**Notes on using a Cryotiger (HP?) with the CFH12K**  
**V. Velur 12/04/2007**

dimensions of the PTF MOSAIC Dewar flask: 12"x12"x6.5" (see Hal's pics)  
 XY dimensions of the removable panel = 9.75"x4.25" (the opening is 3" in height :).

**Constraints:** So we may need to leave out 2 screws on the cryotiger panel and may even need to take off some material near the o-ring lip to see if we can squeeze in and get away with one high-performance cryo-tiger unit. This 3" opening is shown in <http://www.astro.caltech.edu/~hlp/Images/CFH12K/DSCF4401.JPG>, we scaled the inner opening knowing the outer one.

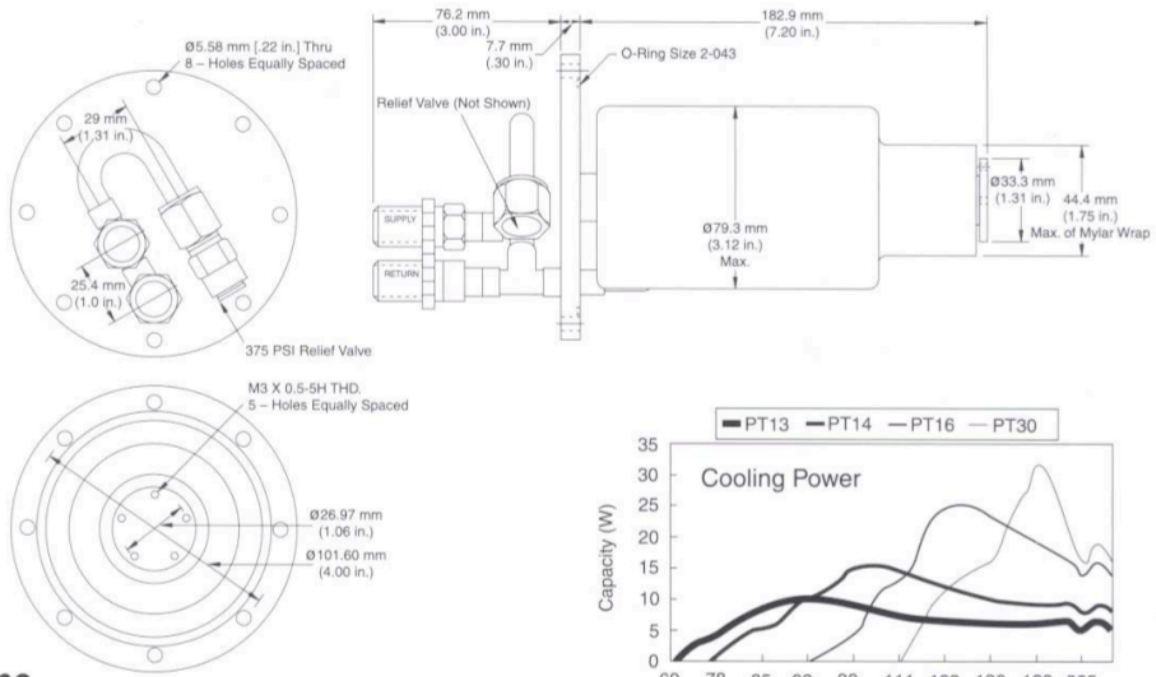
We do have to figure out how to attach the cold end to the CCDs and work out a thermal model.

Cryotiger standard cold end ([http://www.ociw.edu/instrumentation/ccd/imacs/docs/ICG\\_Brochure.pdf](http://www.ociw.edu/instrumentation/ccd/imacs/docs/ICG_Brochure.pdf)):



High performance cold end ([http://www.ociw.edu/instrumentation/ccd/imacs/docs/ICG\\_Brochure.pdf](http://www.ociw.edu/instrumentation/ccd/imacs/docs/ICG_Brochure.pdf)):





Inc.

CCD package (Data sheet is located at: <http://www.ociw.edu/instrumentation/ccd/parts/CCID-20.pdf>)

