



# MVE Tech Tips



December, 2007

## Static Evaporation Rates

Although evaporation rates are not listed in any of Chart's marketing brochures, we have come up with a general list for each series. For obvious reasons, these are only general estimates of the static loss rates. Static means that the tanks are left undisturbed without any lid openings. Because the freezers are used in non-static conditions, these figures can only be taken as estimates. They can vary depending on a variety of uncontrolled parameters.

Open Top Models		High Efficiency	
Model.....	SER (L/day)	Model .....	SER (L/day)
MVE 103 .....	4.1	800 series .....	5.0
MVE 205 .....	3.0	1500 series .....	7.5
MVE 510 .....	6.2	1800 series .....	12.5
MVE 616 & C.....	8.5	1842 (old 1830) .....	12.0
MVE 808 .....	8.0		
MVE 1223 .....	13.0		
MVE 1318 .....	8.5		
MVE 1426 & C.....	14.0		
MVE 1839 .....	13.0		

## New Cork Material

Beginning on January 1 of 2008, you will notice a different colored cork material on aluminum dewars. We will begin installing these new corks on the Lab series and eventually cover the entire aluminum line. Instead of yellow, the new cork material will be pink. The yellow cork material is A400, and the pink is 250 Styrene. Although the pink cork is not as hard as the yellow, it is a much more efficient insulator. You may still see the yellow corks as we deplete existing inventories.

## New Faces at Chart BioMedical

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Please welcome our latest employees to come on board at Chart.

Johnny Greene is a May 2007 graduate of Georgia Tech (where else?) with a degree in Biomedical Engineering. He will be assigned to the BioMedical Division as a Technical Service Representative.

LaDahvia Flournoy graduated from the University of Pittsburgh in August of 2007 with a degree in Bioengineering. She also will be assigned to the Bio-Medical Division of Chart as a Technical Service Representative.

Hazel Velez is our newest Customer Service Representative. Hazel was born in New York and was raised in South America. She comes to Chart from Image Ink Jet Printing where she gained valuable experience in the international business world. Hazel is Chart's BioMedical Division International Customer Service Representative for South America.

All three are located out of Chart's Marietta office. Please welcome Chart's three latest employees; they will bring a great deal of experience and knowledge to the BioMedical group.



**LaDahvia Flournoy**



**Johnny Greene**



**Hazel Velez**

## Customer/Technical Info

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