

Title:	Cooler Gas Recharge	ID:	
		0062	
Date in:	Response:	Model:	Author:
2003-09-03	2003-09-03	-	CMa

Q:

My name is Jesus Presa and I works by GlaxoSmithKline in Tres Cantos Spain, I have several Liconic incubators in production and I need to recharge the gas in two of them. Please could you send me the procedure to refill the gas, the type of gas that you use and the final pressure after the charge, or if you have delegation in Spain the way to establish in contact with them.

Please Could you provide us the service manual for that incubators?

A:

We fill them to correct pressure. Depending if there is R134 or R404 the evaporation temperature when cooling down should be ~ -12'C..-20'C reps. ~ -18'C..-25'C. The temperature in the high pressure side is ~35'C. The units have fittings on both ends, so there are no tools required to connect the hoses. Later units have a glass-window to check the filling. Note that you may only ready pressure when the unit is cooling downwards - when the temperature in the chamber is higher than the set temperature (e. g. chamber is at 10'C and the set temperature is 04'C). When the unit gets close to the set temperature the chiller will switch to an idle mode where hot gas is added in the evaporation path.