Higher efficiency absorption chiller operate in Melbourne University

2009 Our higher efficiency absorption chiller had bitted the project of University of Melbourne. We delivered the chiller on side. AE Smith & Son Pty Ltd installed all mechanical work and Datacom Australia Pty Ltd controls all data. CTA International Group Pty Ltd handles whole system commission (chiller and BMS) and Type B by Energy Safety Victoria's permit. The absorption chiller has been permitted safety use in University of Melbourne by ESV.

The absorption chiller is two stage hot water and direct nature gas system. When the chiller be installed. There are many questions from engineers which are: 1. the chamber is very small than other. It should outlet more CO, because it isn't enough air. 2. How is the chiller efficiency compare with electronic chiller? 3. How is the chiller modbus communication with control center, etc---. 22nd September 2010, our engineer has checked the system. 23rd September 2010 turn on the gas burner and set the gas burner to excellence condition. 24th September 2010 commission the whole system. The chiller controls chiller water pump, condenser water pump, input chiller water 12℃ and output chiller water 7℃. All sign communicate with control center.

During two month operating, the absorption chiller has run smoothly. It works at 20% to 100% load for higher or lower demand.

CTA International Group Pty Ltd is supplying all energy systems to Australia markets.
We look forward to many more successes such as this in the near future.

For more information regarding the system visit www.atd.net.au or call Tony Deng on 03 9455 3991 or email: cldeng@atd.net.au.