

SITE INSTALLATIONS

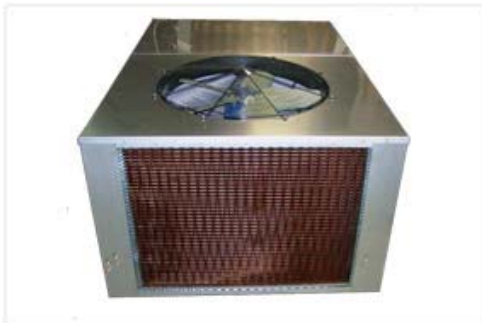
Ratna Ling Retreat Center in Sonoma County July 2007

Ratna Ling Retreat Center is the home of Dharma Publishing International and Dharma Press. Located in the serene redwood forests of coastal Sonoma County, California, Ratna Ling offers work and study programs that aim to promote personal growth and universal harmony.

The Hydronika unit installed at Ratna Ling is a 4 pipe system providing 25 tons of cooling using three separate 2 stage chilling circuits. Chillers are cycled for even wear and shut down individually as demand is satisfied.

The unit is exposed to a "salt air" environment and the stainless steel cabinet is outfitted with all-copper condensing coils.

Hot water is supplied by a liquid propane fired 399K BTUH 95% AFUE boiler. All pumps are stainless steel and equipped with thermocouples that send constant readings to a programmable logic controller. One 3 hp fan is governed by a variable speed drive that responds to signals from the PLC which is monitoring liquid line return temperatures.



This application was designed and engineered by Horn Engineers in Santa Rosa. The Hydronika unit was provided by Hydronic Specialties in Oakland.