

SITE INSTALLATIONS

Private Residence at Emerald Bay, California February 2008

Recognized as one of the premier, independent, private communities in Orange County, Emerald Bay is located just north of Laguna Beach, California. Founded in 1929 and named after the distinctive hue of its ocean cove, Emerald Bay has evolved from a quaint vacation beach destination to an inclusive community of 524 single-family residences.



The Hydronika unit installed at this site is a hybrid unit (6 pipe) providing 8 tons of cooling using two separate 2 stage chilling circuits. Hot compressor gas is directed through water cooled coaxial coils before entering the air cooled condenser coils. Hot waste water is directed to a swimming pool. If the liquid line return temperature from the air cooled coils is within range, the variable speed controlled fan barely cycles. Hot water is supplied by a natural gas fired 80K BTUH 95% AFUE boiler



This application was designed and engineered by Mayo Mechanical in Laguna Hills.
The Hydronika unit was provided by RDC West in San Diego.