

NORTHSTAR

Private Residence
Aspen, Colorado



efficiency | sustainability | simplicity

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Project description:

The Northstar Residence is a high-end house spectacularly situated on the outskirts of Aspen, Colorado. The site has a dramatic view of the Ajax Mountain ski area. The house's modern form with open spaces and large glazed areas required extensive structural-mechanical coordination (provided in-house at REG) and clear communication with the architect to make the HVAC systems effective yet invisible.

Energy Systems:

The HVAC systems include high-efficiency condensing boilers, in-floor heating, supplemental forced-air heating and cooling, humidification, solar thermal hot water, and efficient design details such as low-temperature delivery and big pipes/small pumps.

Resource Engineering Group services:

REG provided mechanical and structural engineering for the project, as well as code-required energy calculations. Construction completed 2010.

