



MECHANICAL ROOM REQUIREMENTS

NOTICE

Attention all Builders and Contractors:

Beginning March 31, 2012, all rooms containing fuel fired appliances requiring combustion air must meet the thermal envelope requirements of the International Residential Code and the Residential Energy Code, **Rooms Containing Fuel-Burning Appliances**.

If outside cold air is supplied into the mechanical room through an opening to the exterior, R-15 insulation is required on the walls and R-30 in the ceiling with a continuous air barrier on the walls and ceiling. Keep away from the B-vent to the listing of the B-vent. The air barrier shall be sealed over all sides of the insulation (polyethylene, building paper, drywall or wood panel can be used to seal the insulation). The door is to be sealed on 4 sides. Water lines and ducts within the room are to be insulated. The combustion air duct shall be insulated where it passes through conditioned space with R-8 minimum insulation. This includes where it is located within the floor joists.

Beginning July 1, 2014, **the previously allowed exception** of submitting a passing energy analysis (Manual J, D & S Load Short Form) showing calculations using the simplified method using average, semi-loose to loose construction **will no longer be permitted**.