

DUCT & COVER

An incentive program that allows you to evaluate an up-and-coming duct installation technique for the production home market.



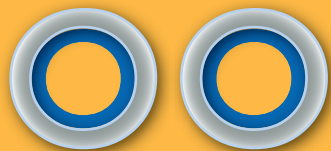
INCENTIVES & BENEFITS

- \$400 incentive provided to builder for each program home after passing final inspection and verification
- Active support from experienced energy consultants including design and construction assistance and minimization of implementation barriers
- Market differentiation as a significantly energy-conscious builder
- Opportunity to evaluate the integration of this duct installation method into the production market

ELIGIBILITY & REQUIREMENTS

To qualify for the Duct & Cover program, you must meet all of the following requirements:

- Program homes built at least 20% above the 2005 California Title 24 Building Energy Efficiency Standards. The efficiency goals of a project may vary based upon the square footage of the homes.
- Each program home includes the use of buried ducts, tight ducts and Quality Insulation Installation (QII).
- Program homes must be built within California Climate Zones 11, 12 or 13.
- Gas and electric service must be provided by PG&E.
- Homes must be constructed by November 1, 2008.
- Funding is limited and availability is on a first-come, first-serve basis.



ConSol's Duct & Cover program seeks homes built at least 20% above the California energy code (2005 Title 24, Section 6) including the use of buried ducts, tight ducts and quality insulation installation (QII). These program measures increase the effectiveness of the building envelope and the efficiency of the HVAC system. This results in a more comfortable, energy efficient home.



Tight Ducts

A diagnostic test that is used to ensure that the duct system is sufficiently sealed. Even newly installed ducts systems can have excessive kinks or compressions, unsealed gaps or holes, and improperly installed connections. This test will help detect these issues, which can dramatically reduce the efficiency of the HVAC system, so that they can be corrected before they are a problem.



Buried Ducts

A technique where ducts in the attic are installed between the trusses and covered in ceiling insulation, instead of being hung from the trusses as is typically done. This insulates the ducts from the summer heat when the attic temperatures can exceed 140°F, significantly increasing cooling efficiencies and reducing energy requirements.



Quality Insulation Installation (QII)

A field inspection that is used to ensure that the building envelope is properly insulated and sealed. Insulation installation defects, such as compression or gaps, can reduce or even nullify the effectiveness of the insulation. This measure verifies that the specified insulation is installed and that it has been installed properly.



PROGRAM DETAILS

The Duct & Cover program, implemented by ConSol, provides incentives to above-code builders that use buried ducts, tight ducts and quality insulation installation (QII).

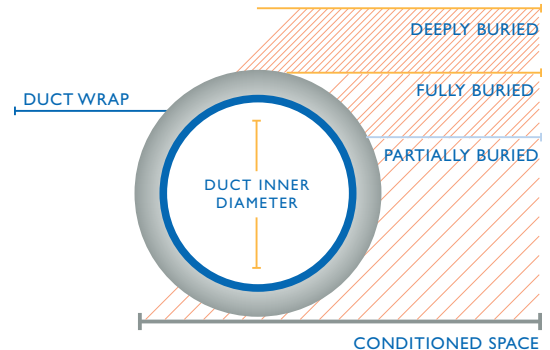
ConSol, energy consultants with 25 years of energy consulting experience in the residential new construction field, will work with the builders to design and construct their homes to the program guidelines for Duct & Cover.

ConSol will work with the builder to develop sets of efficiency features and technologies that will meet the efficiency requirements of the program. The designs will be discussed with the builder and a final set of features and designs will be chosen.

In advance of construction, ConSol shall assist the builder in obtaining necessary installation approvals, agreements and consent of local jurisdiction(s) for the installation of the program measures. ConSol will also work with the builder and applicable government building department(s) to help minimize plan-review and field problems due to design.

ConSol shall work with and train the builder on the relevant construction practices. ConSol will assist with designs and specifications for the program measures and will work with the builder and subcontractors to identify and solve potential construction issues related to these measures.

At the conclusion of the program, a summary report detailing program costs, construction issues and recommendations for future use of the measures will be provided to all builder participants.



DUCT & COVER PROGRAM CONTACTS

ConSol National Sales Manager

Francene DuPre

t. 209.473.5000

FDuPre@ConSol.ws

ConSol Regional Sales Manager

Josh Cook

Central California

t. 209.956.5140

JCook@ConSol.ws

ConSol Regional Sales Manager

Kim Herrera

Los Angeles/Orange County/Bakersfield

t. 562.597.6748

KHerrera@ConSol.ws

ConSol Project Manager

Adam Neugebauer

ANeugebauer@ConSol.ws

California consumers are not obligated to purchase any full-fee service or other service not funded by this program. This program is funded by California utility ratepayers under the auspices of the California Public Utilities Commission. | Los consumidores en California no están obligados a comprar servicios completos o adicionales que no esten cubiertos bajo este programa. Este programa está financiado por los usuarios de servicios públicos en California bajo la jurisdicción de la Comisión de Servicios Públicos de California.