

# SMUD Air Conditioner and Heat Pump Program (Contractor Summary)

**Contractor Is Required To:**

- Pull and make every effort to promptly final building permits
- Comply with all of the provisions of Title 24 energy codes and building codes
- Submit the following forms:
  - ❖ CF6R- Contractors Compliance Form
  - ❖ Building Permit
  - ❖ Signed & Dated Contract
  - ❖ Rebate Application

**Rebates and Financing for Installation of Air Conditioners and Heat Pumps**

The contractor must certify using CF6R form that the following has been completed on all SMUD rebate or finance jobs

- **Tight Ducts** – Ducts must be sealed by the contractor to ≤ 15% leakage  
 Note: Tight ducts **must be used as method of compliance** - (No exceptions from Residential Compliance Manual, Table 8-3, shall be used to demonstrate compliance)
- **Refrigerant Charge and Air Flow (RCA) Verification** - (Exception=TXV installed with unit)
- **Right Sizing** – Engineered load calculations to verify correct-sized air conditioners
- **HERS Rating Verification** – A third party Home Energy Rating System (HERS) Rater must certify compliance and complete Form CF-4R prior to the final inspection by the building department

**Where To Find A HERS Rater :** <http://www.cheers.org> or <http://www.calCERTS.com>

- **Individual:** The contractor may choose to use a HERS rater on every installation. Also, a customer may select, at his or her expense, to hire a HERS rater to verify compliance with the California Energy Codes.
- **Sampling:** If an installation is part of a group to be sampled, only a fraction of the homes will be tested by the HERS rater (either 1-in-7 or 1-in-30, depending upon the method of duct sealing used). The HERS rater randomly selects which home in the group is tested without input from the homeowners or contractor.

**Aeroseal Duct Sealing Program Will Continue As A Stand-Alone Program**

- Contractor must be listed as an Aeroseal contractor on SMUD’s Participating Contractors List
- Requires ducts have greater than 12% leakage to start the sealing and less than 8% upon completion of sealing.
- May **not** be combined with new installations or change outs.
- If entirely new ducting is installed, the contractor must pull and make every effort to final the building permit as required by Title 24 and verify sealing with Aeroseal equipment (6% leakage upon completion of the seal for new ducting).

Tier	SEER		EER		HSPF		TXV or RCA Required	Title 24 & Duct Sealing	Rebates A/C and H/P
	Split	Package	Split	Package	Split	Package			
1	14.5	14.0	12.0	11.0	8.5	8.0	Yes	Yes	\$400
2	15.0	14.0	12.5	12.0	8.5	8.0	Yes	Yes	\$500
3*	16.0	-	13.0	-	-	-	Yes	Yes	\$650
4**	-	-	14.5	-	-	-	Yes	Yes	\$1100

\* Split system central A/C only. Heat Pumps not eligible for Tier 3.  
 \*\* Evaporatively cooled condensing units only. 5 gallon/ton-hour maximum water use.

