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INSTALLATION CERTIFICATE		CF-6R-MECH-06
Evaporatively Cooled Condensing Units		**(Page 1 of 2)**
Site Address:	**Enforcement Agency:**	**Permit Number:**

HVAC SYSTEMS: *Evaporatively Cooled Condensing Units*

CEC Certified Mfr. Name and Model Number	# of Identical Systems	EER_a	EER_b	Duct Location (attic, etc.)	Duct R-value	Cooling Load (Btu/hr)	Cooling Capacity (Btu/hr)

EER_a = EER at 75° F wetbulb and 95° F dry bulb;

EER_b = EER at 65° F wetbulb and 82° F dry bulb

	The system complies with all eligibility criteria:	**YES**	**NO**
1	EER at 95° F dry bulb and 75° F wet bulb temperature is listed with ARI	☑	☐
2	EER at 82° F dry bulb and 65° F wet bulb temperature is submitted to ARI and published in accordance with ARI guidelines.	☑	☐
	Pass if: Yes in lines 1-5	☐	☐

	The system complies with all eligibility criteria:	**YES**	**NO**
1	Water stays in the water casing.	☐	☑
2	Water pump starts running when the system is turned on.	☐	☐
3	When the water pump is running, verify that all the condenser coils are wet.	☐	☐
4	High pressure trip for the compressor is set (per manufacturer's documents) at or below 300 psig for R22 Refrigerant and at or below the saturation pressure corresponding to a temperature of 131^0 F for all other refrigerants.	☐	☐
5	When the water supply to the water casing is turned off and the casing is drained, the water pump (if the pump is water cooled) and the compressor trip off.	☐	☐
6	Condenser coils have a corrosion-resistant coating.	☐	☐
7	Electrolytic protection is installed, and the wiring of the protection circuit is intact.	☐	☐
8	Water casing is made up of corrosion-resistant material.	☐	☐
9	A blow-down pump is installed for periodic blow-down in order to remove solids from the water casing. Operation of this pump is automatic and is linked to compressor run time or conductivity of the water in the casing.	☐	☐
10	Water casing is sloped downward toward the blow-down pump location.	☐	☐
11	Drift elimination is in place, there is not a mist of water exiting with the exhaust air.	☐	☐
12	Verify that condensate from the cooling coils is routed to water casing unless a document is submitted to the Building Department showing that doing so is not practical due to availability of space, health, or safety concerns.	☐	☐

13	Condenser has manufacturer's certification that water consumption is less than or equal to 5.0 gallons per ton-hour of capacity at ARI Rating conditions.	☐	☐
14	Water connection is made with tubing not more than ¼" ID at the unit. Larger line may come up to the connection.	☐	☐
15	Overflow from the unit is not connected directly to the sewer drain (so that in the event of a water float failure, an overflow condition can be more easily detected) or another means of determining an overflow condition is provided.	☐	☐
	Pass if: Yes in lines 1-15	☐	☐

☐ EER for evaporatively cooled condensers must be verified by a HERS rater.

☐ Ducts are required to be tested and sealed in all evaporatively cooled condenser installations, and the duct sealing must be verified by a HERS rater.

☐ Proper refrigerant charge or a Charge Indicator Light (certified by the Energy Commission) must be verified by a HERS rater for all evaporatively cooled condenser installations.

DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for construction, or an authorized representative of the person responsible for construction (responsible person).
- I certify that the installed features, materials, components, or manufactured devices identified on this certificate (the installation) conforms to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcement agency.
- I reviewed a copy of the Certificate of Compliance (CF-1R) form approved by the enforcement agency that identifies the specific requirements for the installation. I certify that the requirements detailed on the CF-1R that apply to the installation have been met.
- **I will ensure that a completed, signed copy of this Installation Certificate shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a signed copy of this Installation Certificate is required to be included with the documentation the builder provides to the building owner at occupancy.**

Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)		
Responsible Person's Name:		Responsible Person's Signature:
CSLB License:	Date Signed:	Position With Company (Title):