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CERTIFICATE OF INSTALLATION		CF2R-MCH-26-H
Rated Space Conditioning System Equipment Verification		(Page 1 of 3)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

A. System Information

Procedures for verification of High SEER and EER Equipment are described in Reference Appendix RA3.4. Each HVAC system requiring verification must use a separate form.

01	Space Conditioning System Identification or Name	
02	Space Conditioning System Description of Area Served	
03	Indoor Unit Name	
04	Status: SEER Performance Compliance Credit Check	
05	Status: EER Performance Compliance Credit Check	
06	Status: Heat Pump Heating Output Performance Compliance Check	
07	Directory Used to Certify Product Performance	
08	AHRI Certification Number for the Installed Space Conditioning System from http://www.ahridirectory.org	
09	Does the directory used to certify product performance require a specific air handler, furnace or fan coil make and model?	
10	Does the directory used to certify product performance require a time delay relay (+TDR)?	
11	Does the directory used to certify product performance require a TXV (+TXV)?	

B. Rated Space Conditioning System Equipment Verification from Nameplate

The data on the nameplate of the installed component shall conform to the data for the component as shown in the directory used to certify product performance in order to demonstrate compliance.

01	02	03	Data from nameplate of installed system component					
			04	05	06	07	08	09
SC System ID/Name	SC System Description of Area Served	Indoor Unit Name or Description of Area Served	Outdoor Condenser or Package Unit - Installed Manufacturer Name	Outdoor Condenser or Package Unit - Installed Model Number	Inside Unit - Installed Manufacturer Name	Inside Unit - Installed Model Number	Air Handler, Furnace or Fan Coil - Installed Manufacturer Name	Air Handler, Furnace or Fan Coil - Installed Model Number

C. Rated Space Conditioning System Equipment Verification from Directory

The data on the nameplate of the installed component shall conform to the data for the component as shown in the directory used to certify product performance in order to demonstrate compliance.

01	02	03	Data from the directory used to certify product performance for the rated system component					
			04	05	06	07	08	09
SC System ID/Name	SC System Description of Area Served	Indoor Unit Name or Description of Area Served	Outdoor Condenser or Package Unit - Installed Manufacturer Name	Outdoor Condenser or Package Unit - Installed Model Number	Inside Unit - Installed Manufacturer Name	Inside Unit - Installed Model Number	Air Handler, Furnace or Fan Coil - Installed Manufacturer Name	Air Handler, Furnace or Fan Coil - Installed Model Number

D. Verified Cooling System SEER

01	Required minimum SEER	
02	Installed SEER	
03	Compliance Statement:	

Signature by responsible party below certifies that the installed cooling equipment meets or exceeds the required value listed on the CF1R.

E. Verified Cooling System EER

01	Required Minimum EER	
02	Installed EER	
03	Compliance Statement:	

Registration Number:

Registration Date/Time:

HERS Provider:

CA Building Energy Efficiency Standards - 2019 Residential Compliance

January 2019



CERTIFICATE OF INSTALLATION

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Rated Space Conditioning System Equipment Verification

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Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

Signature by responsible party below certifies that the installed cooling equipment meets or exceeds the required value listed on the CF1R.

F. Verified Heat Pump Heating Output

01	Required Heating BTU Output at 47 Degrees F	
02	Installed Heating BTU Output at 47 Degrees F	
03	Required Heating Output at 17 Degrees F	
04	Installed Heating Output at 17 Degrees F	
05	Compliance Statement:	

Signature by responsible party below certifies that the installed heat pump equipment meets or exceeds the required value listed on the CF1R.

G. Verified Space Conditioning System Air Handler, Furnace or Fan Coil

01	If a specific air handler, furnace or fan coil is required by the directory used to certify product performance, the responsible party certifies by signing below that the installed air handler/furnace matches the equipment specified in the directory.
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H. Verified Space Conditioning System Time Delay Relay

01	If a Time Delay Relay is required by the directory used to certify product performance, the responsible party certifies by signing below that the Time Delay Relay is installed and has been tested to operate correctly according to the protocols of RA3.4.3.
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I. Verified Space Conditioning System TXV

01	If a TXV is required by the directory used to certify product performance, the responsible party certifies by signing below that the TXV is properly installed and has been visually verified, including proper placement of sensing bulb.
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CERTIFICATE OF INSTALLATION		CF2R-MCH-26-H
Rated Space Conditioning System Equipment Verification		(Page 3 of 3)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT		
1. I certify that this Certificate of Installation documentation is accurate and complete.		
Documentation Author Name:	Documentation Author Signature:	
Documentation Author Company Name:	Date Signed:	
Address:	CEA/HERS Certification Identification (if applicable):	
City/State/Zip:	Phone:	
RESPONSIBLE PERSON'S DECLARATION STATEMENT		
I certify the following under penalty of perjury, under the laws of the State of California:		
<ol style="list-style-type: none"> The information provided on this Certificate of Installation is true and correct. I am either: a) a responsible person eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation and attest to the declarations in this statement, or b) I am an authorized representative of the responsible person and attest to the declarations in this statement on the responsible person's behalf. The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations and the installation conforms to the requirements given on the Certificate of Compliance, plans, and specifications approved by the enforcement agency. I understand that a HERS rater will check the installation to verify compliance and if such checking determines the installation fails to comply, I am required to offer any necessary corrective action at no charge to the building owner. I will ensure that a registered copy of this Certificate of Installation 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 registered copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy. 		
Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed:
Third Party Quality Control Program (TPQCP) Status:	Name of TPQCP (if applicable):	

CF2R-MCH-26-H User Instructions**Section A. System Information**

1. System Name or Identification/Tag: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
2. System Location or Area Served: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
3. Indoor Unit Name: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
4. Status: SEER performance compliance credit check: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
5. Status: EER performance compliance credit check: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
6. Status: Heat Pump Heating Output Performance Compliance Check: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
7. Directory Used to Certify Product Performance: User to select from dropdown list the certification data base used to document equipment efficiency. Choices are AHRI, CEC and DOE.
8. AHRI Certification Number for the Installed Space Conditioning System: If the directory used is not AHRI, "N/A" will automatically be entered. Otherwise, enter the complete AHRI Certification Number for the Installed Space Conditioning System. This number represents a specific piece of equipment (e.g., package units) or combination of equipment (e.g., split systems) that must match the installed equipment.
9. Does the directory used to certify product performance require a specific air handler, furnace or fan coil make and model?: If not using AHRI, user has the option to select "N/A." Note that when using AHRI, this does not apply to package units. Sometimes, for split systems, a specific model air handler/furnace will be called out in addition to the condenser and coil. When it is, it must be installed and verified for the AHRI certificate to be valid for the installed system. Sometimes, the AHRI certificate only calls out the condenser and coil model numbers. In this case the furnace make/model need not be verified. If not, select "No".
10. Does the directory used to certify product performance require a time delay relay (+TDR)?: If not using AHRI, user has the option to select "N/A." If the AHRI certificate specifies that a TDR was on the system when it was tested, then the TDR is required for the system to achieve its certified efficiency and it must be verified. If not, select "No". The indication for a TDR usually consists of a "+TDR" at the end of the model number. Sometimes it may just be a "+D" (delay).
11. Does the directory used to certify product performance require a TXV (+TXV)?: If not using AHRI, user has the option to select "N/A." If the AHRI certificate specifies that a TXV was on the system when it was tested, then the TXV is required for the system to achieve its certified efficiency and it must be verified. If not, select "No". The indication for a TXV usually consists of a "+TXV" at the end of the model number. Sometimes it may just be a "+V" (valve).

Section B. Rated Space Conditioning System Equipment Verification from Nameplate

1. System Name or Identification/Tag: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
2. System Location or Area Served: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
3. Indoor unit Name: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
4. Outdoor Condenser or Package Unit - Installed Manufacturer Name, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
5. Outdoor Condenser or Package Unit - Installed Model Number, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
6. Inside Coil - Installed Manufacturer Name, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
7. Inside Coil - Installed Model Number, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document. For systems where there is no separate inside coil "N/A" will be automatically entered.
8. Air Handler, Furnace or Fan Coil - Installed Manufacturer Name, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.

9. Air Handler, Furnace or Fan Coil - Installed Model Number, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document

Section C. Rated Space Conditioning System Equipment Verification from Directory

1. System Name or Identification/Tag: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
2. System Location or Area Served: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
3. Indoor unit Name: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
4. Outdoor Condenser or Package Unit - Installed Manufacturer Name, Data from the Directory used to certify product performance for the rated system component: Enter the Manufacturer's name for the condenser as it appears in the Directory. For Package units, this will be the only Manufacturer's name.
5. Outdoor Condenser or Package Unit - Installed Model Number, Data from the Directory used to certify product performance for the rated system component: Enter the Manufacturer's model number for the condenser as it appears in the Directory. For Package units, this will be the only model number required.
6. Inside Coil - Installed Manufacturer Name, Data from the Directory used to certify product performance for the rated system component: Enter the Manufacturer's name for the inside coil (aka, indoor coil, evaporator coil) as it appears in the Directory. For system types that don't have separate inside coils or if the directory rating does not include this information, like package units, fan coil units and multi-split variable capacity heat pumps, user may enter "N/A".
7. Inside Coil - Installed Model Number, Data from the Directory used to certify the rated system component: Enter the Manufacturer's model number for the inside coil (aka, indoor coil, evaporator coil) as it appears in the Directory. For system types that don't have separate inside coils or if the directory rating does not include this information (package units, fan coil units, multi-split variable capacity heat pumps), user may enter "N/A".
8. Air Handler, Furnace or Fan Coil - Installed Manufacturer Name, Data from the directory used to certify product performance for the rated system component: If not using AHRI, user has the option to select "N/A." Enter the Manufacturer's name for the air handler/furnace as it appears in the directory. For package units there is no separate air handler, so enter "N/A". Also enter "N/A" if a specific furnace or air handler is not called out in the directory, as indicated in Section A, above.
9. Air Handler, Furnace or Fan Coil - Installed Model Number, Data from the directory used to certify product performance for the rated system component: If not using AHRI, user has the option to select "N/A". Enter the Manufacturer's model number for the air handler/furnace as it appears in the directory. For package units there is no separate air handler, so enter "N/A". Also enter "N/A" if a specific furnace or air handler is not called out in the directory, as indicated in Section A, above.

Section D. Verified Cooling System SEER

1. Required Minimum SEER: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
2. Installed SEER: Enter the exact SEER value shown in the Directory used to certify the equipment shown in Section B, above.
3. Compliance Statement: This field is filled out automatically. Compliance requires that the installed SEER meet the required minimum SEER.

Section E. Verified Cooling System EER

1. Required Minimum EER: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
2. Installed EER: Enter the exact EER value shown on in the Directory used to certify the equipment shown in Section B, above.
3. Compliance Statement: This field is filled out automatically. Compliance requires that the installed EER meet the required minimum EER.

Section F. Verified Heat Pump Heating Output

1. Required Heating BTU Output at 47 Degrees F: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
2. Installed Heating BTU Output at 47 Degrees F: Enter the exact Heating BTU Output at 47 Degrees F value shown on in the Directory used to certify the equipment shown in Section B, above.
3. Required Heating BTU Output at 17 Degrees F: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.

4. Installed Heating BTU Output at 17 Degrees F: Enter the exact Heating BTU Output at 17 Degrees F value shown on in the Directory used to certify the equipment shown in Section B, above. N/A entry is allowed if heat pump system output is not rated at 17 degrees F in any directory
5. Compliance Statement: This field is filled out automatically. If both rating points are available compliance requires that the installed Heating BTU Output at 47 Degrees and Heating BTU Output at 17 Degrees meet the required minimum from CF2R-MCH-01 or if the high temperature is available compliance requires that the installed Heating BTU Output at 47 Degrees meet the required minimum from CF2R-MCH-01.

Section G. Verified Space Conditioning System Air Handler/Furnace

1. This statement must be true for the system to comply.

Section H. Verified Space Conditioning System Time Delay Relay

1. This statement must be true for the system to comply.

Section I. Verified Space Conditioning System TXV

1. This statement must be true for the system to comply.

For information and data collection only. Not valid until registered with a HERS provider