

**DOCKETED**

<b>Docket Number:</b>	18-BSTD-02
<b>Project Title:</b>	2019 ENERGY CODE COMPLIANCE MANUALS
<b>TN #:</b>	232778-5
<b>Document Title:</b>	2019-CF2R-MCH-31d-H-WholeHouseFanHERS- TotalAirflowandWattspdf
<b>Description:</b>	N/A
<b>Filer:</b>	Corrine Fishman
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Public Agency
<b>Submission Date:</b>	4/20/2020 8:45:49 AM
<b>Docketed Date:</b>	4/20/2020



CERTIFICATE OF INSTALLATION		CF2R-MCH-31-H
Whole House Fan		(Page 1 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

**A. Whole House Fan Measurement Procedures**

01	Whole House Fan Airflow/Watts Measurement Procedure:
----	--

**MCH-31d Whole House Fan Airflow and Fan Efficacy – Airflow and Watts measured as a total values**

**B. Whole House Fan Equipment Information**  
 Requirements for Whole House Fans are given in Sections 150.1(b)3.B.vi. and 150.1(c)12d

01	02	03	04	05	06
Fan Name	Fan Location	WHF Manufacturer Name	WHF Model Number	WHF Measured Airflow (CFM)	WHF Measured Watts

**C. Whole House Fan Compliance Calculations**

01	Required CFM
02	Installed CFM
03	Required Fan Efficacy (Watts/CFM)
04	Installed Fan Efficacy (Watts/CFM)

**D. Compliance Statement**

--

**E. Additional Requirements**

01	The installed fan shall be listed on the CEC's Modernized Appliance Efficiency Database as an approved model.
02	The homeowner shall be provided with user instructions documentation that describes the proper use of the whole house fan necessary to obtain the full energy savings benefit.

**The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.**

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



<b>CERTIFICATE OF INSTALLATION</b>		<b>CF2R-MCH-31-H</b>
<b>Whole House Fan</b>		<b>(Page 2 of 2)</b>
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

<b>DOCUMENTATION AUTHOR'S DECLARATION STATEMENT</b>	
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:

<b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b>		
I certify the following under penalty of perjury, under the laws of the State of California:		
<ol style="list-style-type: none"> <li>1. The information provided on this Certificate of Installation is true and correct.</li> <li>2. 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.</li> <li>3. 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.</li> <li>4. 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.</li> </ol>		
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:

For information only. Not valid until HERS provider

**CF2R-MCH-31d-H User Instructions****Section A. Whole House Fan Measurement Procedures**

1. Select the procedure used to measure whole house fan Airflow.
2. Select the procedure used to measure whole house fan Watts.

**Section B. Whole House Fan (WHF) Equipment Information**

1. Fan name will be auto populated from CF1R.
2. Enter the location where each whole house fan is installed in the house.
3. Enter the name of the manufacturer for each whole house fan installed in the house.
4. Enter the model number for each whole house fan installed in the house.
5. Enter the total measured airflow in CFM for all whole house fans installed in the house.
6. Enter the total measured Watts for all whole house fans installed in the house.

**Section C. Whole House Fan Compliance Calculations**

1. This field is automatically populated from the CF1R.
2. This field is automatically populated from Section B.
3. This field is automatically populated from the CF1R.
4. This field is automatically calculated using information from section B.

**D. Compliance Statement**

To comply, the total installed whole house fan airflow must equal to or greater than the required airflow and the installed fan efficacy must be less than or equal to the required fan efficacy.

**E. Additional Requirements**

1. To qualify, for the whole house fan compliance credit, the installed whole house fan must be certified to the Energy Commission and be listed in the Energy Commission's Modernized Appliance Efficiency Database as an approved model, link located here [Modernized Appliance Efficiency Database System \(MAEDBS\)](#).
2. The homeowner shall be provided with user instructions documentation that describes the proper use of the whole house fan necessary to obtain the full energy savings benefit.
3. This must be a true statement to comply.