

ENERGY STAR® Most Efficient HVAC 2015

Draft: Required information for system status and messaging requirements.

Submitted data will be used by the U.S. Environmental Protection Agency (EPA) only for ENERGY STAR Most Efficient reviews and will be closely controlled. If requested under the Freedom of Information Act (FOIA), EPA will argue that the data is exempt. Any information used will be masked by EPA so as to protect the confidentiality of the Partner.

What models/combinations does this information apply to? (Include all that are relevant.)

Split CAC/ASHP	Packaged CAC/ASHP	Furnace	GHP	Ductless

1. (For all units/systems) Describe the automatic setup capabilities of the unit/system, including the steps installers go through that are enabled by it, and manual steps also required in a typical installation. What other capabilities does the unit/system provide to facilitate a high-quality installation?
2. (For centrally ducted units/systems including blower fans; not required for GHP) How does the unit/system estimate external static pressure and where is the information made available for use? Is particular equipment (e.g. a particular system controller/thermostat) needed for the signal to be of use?
3. (For all units/systems) How are service personnel able to access the fault history of the unit/system? What equipment, if any, do they need to bring to the site to access the history? How deep is the history they are able to access, and how are the faults displayed? Lastly, are service personnel potentially able to access the fault history from off site, at the discretion of the owner?
4. (For all units/systems) How are residents alerted that air filter(s) are in need of checking/cleaning/changing? How does the unit/system estimate when to alert residents to check the filter? How are residents alerted when professional service is needed? Is there a way for service personnel to be notified directly as well, at the discretion of the owner?
5. (For all units/systems) What other capabilities does the equipment have to facilitate appropriate installation and maintenance? Are there other notable advanced features specific to system status and messaging that the unit/system provides?