

APPLIANCE CATEGORIES

Definition of ANSI Categories of Appliances*

Gas Appliances Categories. Vented gas appliances are classified for venting purposes into four categories as follows:

Category I

An appliance that operates with a non-positive vent static pressure and with a vent gas temperature that avoids excessive condensate production in the vent.

May include draft hood and fan-assisted furnaces and boilers. Vented with **Class B** or a lined masonry chimney system.

These systems have AFUE ratings of 55—80% for older furnaces, boilers, and water heaters, and up to 78—82% for newer systems.

Venting to be done with Gas Appliance Manufacturer's Association (GAMA) tables, or the manufacturer's instructions.

Category II

An appliance that operates with a non-positive vent static pressure and with a vent gas temperature that may cause excessive condensate production in the vent.

Category III

An appliance that operates with a positive vent static pressure and with a vent gas temperature that avoids excessive condensate production in the vent.

Category IV

An appliance that operates with a positive vent static pressure and with a vent gas temperature that may cause excessive condensate production in the vent.

These appliances are typically 87—97% efficient and are vented with plastic, stainless steel, or a material which is other than Class B or masonry.

Vent installation must follow manufacturer's instructions.

* Remember that these definitions apply to the appliance and do not necessarily reflect the performance of the connected vent system.

Seminars Coming Soon

Some Useful Philosophy!!!

Once upon a time, there was a happy little fly buzzing around a barn when she happened upon a large pile of fresh cow manure. Since it had been hours since her last meal and she was feeling hunger pangs, she flew down to the irresistible delicacy and began to pig out.

She ate...and she ate... and then, she ate a little more! Finally, she decided she'd had plenty. She washed her face with her tiny front legs, belched a few times, then attempted to fly away; but alas, she had eaten far too much and could not get off the ground.

Wondering what to do about this situation she looked around and spotted a pitchfork leaning upright against the barn wall. Finally. A solution! She realized if she could just climb up that handle and jump off to become airborne she'd be able to fly again. So, she painstakingly climbed to the top of the handle. Once there, she took a deep breath, spread her tiny wings, and leaped confidently into the air.

She dropped like a rock and splattered all over the ground.

Result:

Dead Fly.

The moral of this sad story:

Never fly off the handle when you know you're full of "crap".

Flame Rectification, HSI, DSI, IID -

Michigan Association of RSES, Frankenmuth Michigan. Bavarian Inn, Sat. October 14, 2006, Contact Paul Getejanc, CM, Education Chairman at (586)781-5271 or Cell (586) 295-5386 Email: pfgetejanc@aol.com

High Efficiency Furnace Operation, Maintenance & Service,

Fox Valley RSES, Elgin Illinois, Elgin Community College, Sat. November 4, 2006 contact Rich Hoke, at (847) 931-5650, Email richhoke@sbcglobal.net

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Education & Consulting, Inc.

HVAC Training Specialists

3131 Brisbane Dr.

Lansing MI 48911

Phone (517) 371-4101

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Instructor / Instructional Designer

Marcus "Butch" Metoyer, Jr.

CMS, CIE, MS

Email info@777educate.com

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