



“Un-Common Venting”  
Industry First UL-Listed, Engineered  
System For Cat I / IV Combined Venting

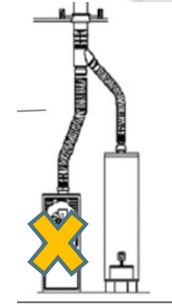
AHRI – JAN 2015

# Company

- ◎ Welcome!
- ◎ M&G Duravent- Industry leader in field of venting:  
Solid Fuel, Pellet, Gas and Oil: Category I (natural draft) gas, Cat II, III, IV condensing special gas vent
- ◎ Stainless, Aluminum, Polypropylene systems
- ◎ Introductions:
  - Matt Bertler- Director of R&D
  - Ryan Devine- Test Lab Manager
  - Dale Menges- Western Regional Sales

## The Problem:

“How do I handle appliance venting when I replace a common vented Cat I appliance (a furnace) with a condensing Cat IV?”



A relatively simple side wall vent may not be possible / desirable for a number of reasons

- Row Home, Zero Lot Line, etc
- Building code / local / provincial code explicitly prohibits due to proximity of windows, sidewalks, common areas, etc) to termination location
- Aesthetics
- “Orphaned” Cat I appliance / vent
- Prevailing wind creates functional appliance operational issues
- Side Wall plume management often creates significant long-term building maintenance issues (acidic condensate / moisture) and icing



# The Solution-

The industry's first UL tested and listed, dual category gas venting system!!

## CHANGING TO HIGH EFFICIENCY? UTILIZE YOUR EXISTING VENT!

FasNSeal 80/90 is a unique, patent pending system that exhausts 90+ condensing appliances with Type B atmospheric units within the same vent.

Using your preexisting common vent, our cap improves the operation of both the remaining atmospheric appliance, and the new condensing unit, while not disturbing finished space during installation.

Finally a solution when you need to deal with narrow lot lines, clearance to window and door openings or when side wall venting just isn't practical.

### Features and Benefits

- Keeps 90+ furnace flue and termination warm, reducing icing
- Eliminates condensing sidewall building moisture concerns and flue management
- Allows superior vertical termination option
- Takes up no additional building envelope space, no additional building penetrations, no disturbing finished internal spaces
- Simple install, compatible with listed PolyPro vent system for appliance connection
- Offers superior flow performance with smooth wall stainless inner wall provides additional performance, no flow de-rate for flex



Follow us on social media or for more information on our products, visit [www.duravent.com](http://www.duravent.com)

## Installation Instructions



Combined Category I and IV venting for Gas-Burning Appliances

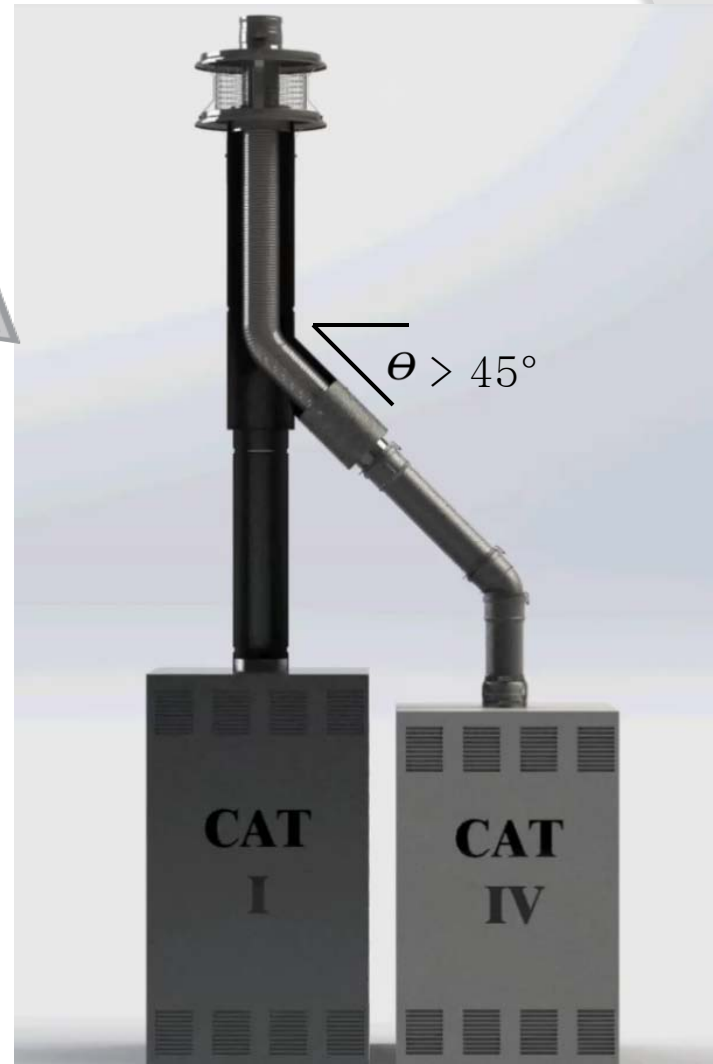
For the most up-to-date installation instructions, see [www.duravent.com](http://www.duravent.com)

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FAS NSEAL  
80/90®

# Installation



# The Solution-

Video

## FNS 80/90- Features and Benefits

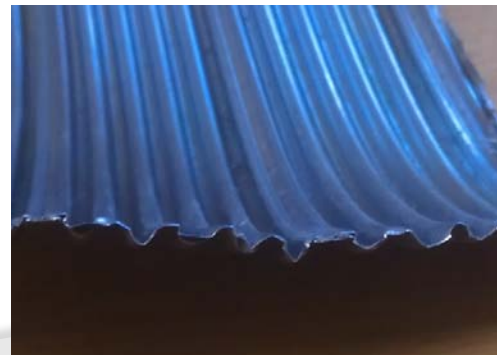
- Improves Cat I performance, solves “orphaned B Vent”. Existing B Vent (the annular space around the flex) remains properly sized for the remaining Cat I appliance
- Keeps Cat IV flue and termination warm, reducing icing →
- Allows superior vertical termination- adverse wind effects minimized
- Offers superior flow performance on the Cat IV exhaust due to smooth SS inner wall, no flow de-rate for flex



Competitor Cap



FNS Flex



Standard Flex

## FNS 80/90- Features and Benefits

- Takes up no additional building envelope space, no additional building penetrations, no disturbing finished internal spaces
- Eliminates condensing sidewall building moisture concerns, flue management
- Simple install, drop a liner. Compatible with listed PP / FNS vent systems for proper appliance connection and condensate handling.



CHICAGO





Stop by M&G DuraVent's booth  
#4823 for more information!

Thank you!