

**INTERPRETATION IC 189.1-2009-1 OF
ANSI/ASHRAE/USGBC/IES STANDARD 189.1-2009
Standard for the Design of High-Performance Green Buildings
Except Low-Rise Residential Buildings**

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Request from: Pedro Gomez (pedrog@husemanllc.com), Associate, Huseman, 3925 N I-10 Service Rd., Suite. 201-B, Metairie, LA 70002.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, Section 8.3.1.3.c., relating to sealing of filter bypass pathways.

Background: Section 8.3.1.3.c states “All filter frames, air cleaner racks, access doors, and air cleaner cartridges shall be sealed.”

Interpretation: Some means of sealing, e.g. a neoprene or polypropylene gasket, shall be provided between all filter housing frames and the filter(s) to seal bypass pathways.

Question: Is this interpretation correct?

Answer: Yes

Comments: The Standard requires that filter frames be sealed but does not specify the mechanism or material to be used. Although the standard does not describe the type of seal required or the level of tightness of the seal, a gasket as described in the interpretation is an acceptable means, but not the only means, of complying with the requirement in 8.3.1.3c. For example, sealing with a friction fit is also an acceptable means of complying with this requirement.