

# DID YOU KNOW?

## DUCT LEAKAGE



- Leaky duct work can account for up to 30% of heating and cooling costs.
- Duct leakage of only 20% of air flow can reduce your heating and air conditioning system's efficiency by up to 50%. In other words, a loss of 1/5 of air flow can result in your units having to work twice as hard and cost you twice as much.
- Areas where duct work is installed are typically exposed to extreme cold in winter and high temperatures in the summer.

### UNDERSTANDING THE ISSUE/PROBLEM

**Proper sealing of critical areas is essential for maximum energy savings:**

- Holes or seams in furnace or air handler
- Connections between the air handler & the plenum
- Seams in plenums and rectangular duct
- Duct boots and/or coupling connections
- Joints between sections of branch ducts
- Exterior vapor barrier sleeves and insulation



### CRITICAL AREAS TO SEAL PROPERLY

IPG® PRODUCTS	ITEM NUMBER
Gen Purpose HVAC Foil	ALF150L
Cold Weather Foil	ALF175L
UL 181A-P/B-FX Foil	ALF201L-UL
FSK (Foil-Skrim-Kraft)	FSK
UL 181B-FX Film	AC698
UL 181B-FX Cloth	AC50UL
Spray Adhesive	AC 50 (Spray)

**Key points include:**

- UL 181A-P refers to pressure sensitive tapes and their use on rigid duct work (duct board)
- UL 181B-FX refers to pressure sensitive tapes and their use on Class 1 flexible duct
- All UL listed tapes must be clearly marked with UL's mark as well as the mfr's name and the appropriate UL code
- IPG's UL 181A-P/B-FX listed foil tape is **ALF201L-UL**
- IPG's UL 181B-FX listed tapes include cloth duct tape **AC50UL** and BOPP film tape **AC698**

### NATIONAL ENERGY & BILL STANDARDS

## WHY?

- IPG® HVAC tapes improved energy efficiency
- Using IPG® tapes to seal critical areas saves time, energy and money

Call your IPG Sales representatives for further details.

