

HOSE KIT

The hose kit includes the following parts:

- One 30 foot length of clear double ribbon hose.
- One 50 foot length of green hose.
- One 50 foot length of blue hose.
- One 15 foot length of yellow hose.
- Two 10 foot lengths of red hose.
- Four plastic straight hose connectors.
- Two plastic "T" connectors.
- One stainless steel probe.

Colored hoses are used in many building testing protocols to facilitate equipment setup and provide quick identification of pressure input and reference sources. The hose colors provided in this kit are consistent with the Duct Diagnostic Checklist forms and procedures developed by Advanced Energy Corporation (AEC).

Clear Double Hose: The clear double hose is used in the AEC procedure to provide two equivalent outside reference pressure sources inside the house. One end of the clear double hose is placed outside approximately 20' away from the house. The other end is pulled into the house between the blower door fan and the elastic collar in the nylon door panel. One side of the clear double hose is connected to the 10 foot green hose coming from the house pressure gauge on the blower door system (using one of the straight hose connectors). The other side of the double clear hose is connected to the 50 foot green hose.

Green: The 50 foot green hose is used as an outdoor reference hose. It is typically connected to one side of the clear double hose to provide a convenient outside pressure source anywhere in the house.

Blue: The blue hose is used as the duct system input pressure hose. One end of this hose is placed inside the duct system to provide duct system pressures when conducting duct airtightness tests.

Yellow: The yellow hose is used for measuring draft pressures during combustion safety testing.

Red: The red hoses are used to measure fan pressure (to determine fan flow) for either the Blower Door or Duct Blaster fan. These hoses are provided if you need to extend the 10 foot red hose already provided with the Blower Door & Duct Blaster fan.

Stainless Steel Probe: The stainless steel probe is useful when measuring zone pressures in the house or in unconditioned spaces connected to the house. The probe (which is inserted into one end of a hose), can be slipped into a zone through cracks, gaps or holes in sheetrock, flooring, duct boots (etc.).