



CSI: DIVISION: 23 00 00—HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)
Section: 23 33 46—Flexible Ducts

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Airmax Flexible Air Ducts

Listee: Airmax International, Inc.
80 Ross Avenue
Manchester, NH 03108
www.airmax.net

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 *International Mechanical Code*® (IMC)
2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Mechanical Code*® (UMC)*

**Uniform Mechanical Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials.*

Compliance with the following standards:

ICC-ES LC1005-2010, PMG Listing Criteria for Fabric Air Dispersion Systems
ASTM E84-2023d, Test Method for Surface Burning Characteristics of Building Materials
UL 181-2013 (11th Edition), Factory-made Air Ducts and Air Connectors

Identification:

Airmax Flexible Air Distribution Ducts described in this listing must be identified by a label bearing the manufacturer's name, the product name, and the ICC-ES PMG listing mark. The ICC-ES evaluation report number (PMG-1048) is optional. The packages containing support system components are labeled with the manufacturer's name and the ICC-ES PMG listing mark. The ICC-ES evaluation report number (PMG-1048) is optional.

Installation:

Airmax Flexible Air Distribution Ducts must be installed in accordance with the manufacturer's published instructions and the applicable code(s). Airmax Flexible Air Distribution Ducts cannot be installed in unexposed interior location such as within concealed walls, ceilings or floors of the building. For example, in a self-storage facility, the air distribution duct is installed above the ceiling of the corridor leading to the individual storage units. The air distribution duct delivers conditioned air to the storage units which have walls but either have a dropped metallic ceiling for security reasons or

no ceiling at all. The air distribution duct is commonly not visible from outside an individual storage unit but is considered to be exposed since it is not located within any building construction or is visible from the within the storage unit.

Models:

Airmax Flexible Air Distribution Duct Systems are specifically designed for each application with varying duct diameters, discharge orifice sizes, metal (not fabric) elbows and airflow volumes. The air distribution duct system is installed using an air craft cable to support the air distribution ducts from the ceiling.

The light-weight polyolefin flexible fabric ducts described below have a flame-spread index of 0 and a smoke-developed index of 20 based on testing in accordance with ASTM E 84 and a Class 1 Rating in accordance with UL 181.

Fabric Material:

Polyolefin plastic fabric

Conditions of Listing:

1. Airmax Flexible Air Ducts must be designed in accordance with Airmax's design and installation instructions.
2. The Airmax Flexible Air Ducts must not pass through fire resistance-rated assemblies.
3. The Airmax Flexible Air Ducts are used only as positive pressure supply air distribution components of mechanical ventilation systems.
4. The Airmax Flexible Air Ducts are used in exposed interior locations only.
5. The Airmax Flexible Air Ducts are produced by Airmax International under a quality control program with an annual inspection by ICC-ES.