



Choosing the correct DBX Dryer Vent box

In order to choose the correct dryer vent box you first need to understand the building codes.

The International Residential Code (IRC) is for one and Two Family dwellings and townhouses three stories and under.

The Mechanical Code (IMC) is for dwellings four stories or higher. **Some states/building code officials follow the Mechanical code, which in that case you would need to reference the IMC Code section 101.2, see below where it clearly states the exception where it tells the building officials to reference the IRC.

PART 1—SCOPE AND APPLICATION

SECTION 101 GENERAL

[A] **101.1 Title.** These regulations shall be known as the *Mechanical Code* of [NAME OF JURISDICTION], hereinafter referred to as “this code.”

[A] **101.2 Scope.** This code shall regulate the design, installation, maintenance, *alteration* and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This code shall also regulate those mechanical systems, system components, *equipment* and appliances specifically addressed herein. The installation of fuel gas distribution piping and *equipment*, fuel gas-fired appliances and fuel gas-fired *appliance* venting systems shall be regulated by the *International Fuel Gas Code*.

Exception: Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the *International Residential Code*.

Application types and the correct dryer vent box to use:

<u>Product type</u>	<u>1 story dwelling</u>	<u>2 story dwelling</u>	<u>3 story dwelling</u>	<u>4 stories or higher</u>	<u>1/2 Hour Firewall</u>	<u>1 Hour Firewall</u>
<u>DBX1000-4</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>
<u>DBX1000-6</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>
<u>DBX1000M-4</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>
<u>DBX1000m-6</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>YES</u>	<u>NO</u>

Conclusion:

One and Two family dwellings/townhomes Three stories are under:

The DBX1000 and DBX1000M can be used.

Dwellings 4 stories our higher:

The DBX1000M can be used

½ Hour Firewall requirement:

DBX1000M 4” or 6 “dryer vent box and snap on trim ring

1 Hour Firewall requirement:

DBX1000M 4 dryer vent box and snap on Trim Ring

