

Z-VENT® Suggested Resistance Loss Coefficients or K-Values*



Component	Suggested K-Value
Piping	$0.40 \times (\text{Length in feet} / \text{Diameter in inches})$
45° Round Elbow	0.3
90° Round Elbow	0.75
Boot Tee or Y Connector	0.75
Tee	1.25
Cap Low Resistance	0.5
Converging Exit Cone	$(\text{Inlet Diameter} / \text{Outlet Diameter})^4 - 1$
Tapered Reducer	$1 - (\text{Outlet Diameter} / \text{Inlet Diameter})^4$

*From Table 9 in Chapter 35 of 2016 ASHRAE Handbook - HVAC Systems & Equipment

- Information subject to change without notice
- Review appliance manufacturer's installation instructions for appropriate k-value or equivalent length; only use above if this information is missing

The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete Terms and Conditions of Sale located on our web sites at: www.novaflex.com | www.z-flex.com | www.flexmaster.com

Z-VENT™ is manufactured by Z-Flex® US, a Novaflex Group Company

Canada: 452 Attwell Drive, Etobicoke, ON M9W 5C3 tel: 416.679.0045 • fax: 416.679.0051
USA: 20 Commerce Park North, Bedford, New Hampshire tel: 603.669.5136 800.654.5600 • fax: 603.669.0309

19.06.2025