



TECHNICAL PRODUCT BULLETIN

30

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Addendum: Vent Lengths for Maximus Builder Models

This Bulletin serves to advise that the recommended vent lengths for the Maximus and Builder models are as per the prescribed venting and fitting consideration in the latest Use & Care Manual. **The recommendations as outlined below apply to ALL Maximus and Builder Model tanks including all older units that came with the supplementary sheet.**

INSTALLATION

Additional Fitting Considerations

EXAMPLES OF ELBOWS:

It is recommended to use only standard and/or long sweep elbows. See examples as shown.

10 Feet Equivalent Length



Short Sweep 90° Elbow

6 Feet Equivalent Length



Standard 90° Elbow

5 Feet Equivalent Length



Long Sweep 90° Elbow

Minimum and Maximum Vent Lengths

Important information for all installations:

- 1) The minimum required venting is what is required to safely extend the inlet and outlet vent pipes outside of the building.
- 2) Each 90° elbow (standard or long sweep elbow) reduces the equivalent vent length as shown.
- 3) Each 45° elbow reduces the equivalent vent length by 2 1/2 feet (0.8m).
- 4) DO NOT mix pipe sizes for venting these models, use only one size of pipe for all venting.
- 5) All vent terminations (horizontal or vertical) should be a minimum of 24 inches (61cm) and a maximum of 36 inches (91 cm) apart, as measured from center to center of terminals.

Feet	to	Meters
20		6.1
50		15.2
60		18.3
70		21.3
80		24.4
100		30.5
120		36.6
130		39.6
170		51.8

Exceeding the maximum equivalent vent lengths may cause the water heater to malfunction or cause a lock-out condition.

Sincerely,

P. Amaravadhi

Senior Engineering Manager