



⚠ WARNING

Asphyxiation Hazard. Failure to vent this boiler in accordance with these instructions could cause products of combustion to enter the building resulting in severe property damage, personal injury or death.

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Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or loss of life. For assistance or additional information, consult a qualified installer, service agency or the gas supplier. This boiler requires a special venting system. Read these instructions and instructions provided in the *Installation, Operating and Service Instructions* manual carefully before installing.

This is a supplement to the *Installation, Operating and Service (I,O&S) Instruction* manual provided with the boiler. Refer to that manual for complete information on the proper installation of this product. Be sure to comply with all local and nationally recognized installation codes.

**Updated Table 5: Vent and Combustion Air Pipe Sizes and Equivalent Lengths
(Applies to All Listed Vent/Combustion Air System Options)**

Boiler Model	Option	Combustion Air Length			Vent Length		
		Pipe Dia., in. (mm)	Min., ft. (m)	Max., ft. (m)	Pipe Dia., in. (mm)	Min., ft. (m)	Max., ft. (m)
PHNTM210	Factory Build	3 (80)	2.5 (0.76)	135 (41.1)	3 (80)	2.5 (0.76)	135 (41.1)
PHNTM285	Reduced Diameter	3 (80)	2.5 (0.76)	60 (18.3)	3 (80)	2.5 (0.76)	60 (18.3)
	Factory Build	4 (100 or 110)	2.5 (0.76)	100 (30.5)	4 (100 or 110)	2.5 (0.76)	100 (30.5)

Notes:

- Applicable to PHNTM285 build for reduced 3" vent/air intake diameter option (60' max. equivalent vent length):
 - Mount provided 4" x 30" long CPVC pipe into two-pipe vent/intake air system connector assembly vent connection and secure with built-in worm-drive clamp. The pipe may be cut to suit installation.
 - Install 4" 90° CPVC elbow at the opposite end of the pipe. The elbow may be installed between two cut pipe pieces.
 - Mount installer provided 4" x 3" CPVC concentric reducing coupling or 4" x 3" PVC concentric reducing coupling, as applicable (see paragraph 5 'Horizontal Sidewall Termination' and Figure 12 'Wall Penetration Clearances for PVC Pipe in Installation Instructions), in vertical position only, at vent pipe end. Proceed to install the balance of installer provided 3" CPVC or PVC vent piping and vent termination (coupling) with screen.
 - Mount installer provided 4" PVC pipe into two-pipe vent/combustion air system connector assembly air intake connection and secure with built-in worm-drive clamp.
 - Mount installer provided 4" x 3" PVC concentric reducing coupling at air intake pipe end.
 - Install the balance of installer provided 3" PVC air intake piping and air intake termination (90° elbow) with screen.