



## Ventilation Guidelines for Professional Installers

<b>HPS10 models</b> 4065452, 4842214 & 5207971 <b>HPA10 models</b> 5374506, 5374507, 5374512 & 5374513 <b>HPV10 models</b> 5374508 & 5374510						
<b>Configuration</b>	Enclosed Room	Fully Louvered Door	Upper and Lower Louvers in Door (Note 1,2)	Upper Louver and Undercut Door (Note 1,3,4)	Inlet <u>or</u> Outlet Ducting and a Single Louver or Undercut Door (Note 1,3,4,5)	Inlet <u>and</u> Outlet Ducting (Note 5)
<b>Minimum Space (FT<sup>3</sup>)</b>	450	84	84	84	No minimum space requirement	No minimum space requirement
<b>Space Example L x W x H (FT)</b>	6 x 7.5 x 10	3 x 2.8 x 10	3 x 2.8 x 10	3 x 2.8 x 10		

**450 ft<sup>3</sup> enclosed room size is 35% smaller than other manufacturers require**

Note 1: Minimum louver size is 130 in<sup>2</sup> free area each.

Note 2: When two louvers are installed, install one louver at the top of the heater and the other close to the floor.

Note 3: Undercut door should have a minimum of 0.75" clearance. (minimum 18 in<sup>2</sup> air gap)

Note 4: When one louver is installed, install the louver in a location close to the top of the heater.

Note 5: This heater supports multiple duct diameters as well as rigid and flex ducting options. See manual for more information.

<b>HP10 models</b> Lowe's Items: 816193 & 816194						
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Note 5: Ducting these models requires adapter kit 100234320. Duct with 8" flex duct. Maximum 50 equivalent feet for total of inlet and outlet ducting.