

Vent pipe sizing

How big is it?

Vent pipe sizing

- Go to page 103 or table 504.2(1) type B double wall gas vent.
- If I have 8 ft. in height and a 5 ft. lateral with a nat. max of 71000 BTU. How big is that vent diameter?
- If I have 20' of height on a 6" vent with a 10' lateral. What is the max fan in BTU's? what is the nat. max?

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- 1. 4"
- 2. 351, 228
- Go to page 107 or table 504.2(2)
- What is the nat. max for a 4" vent with 8' height with a 5' lateral?
- Go to page 109 or table 504.2(3) what is the nat. max for a 4" vent 8' in height with a 5' lateral?

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- 1. 69000
- 2. 52000
- Go to page 115 or table 504.3(1)
- On 20' height with a 6" vent with 2' of connector rise what is the vent connector capacity on fan max?
- What is the common vent capacity on 20' fan + fan on a 6" vent?

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- 1. 259000
- 2. 314000
- Remember the common vent capacity may have to be larger than the vent connector capacity depending on the unit...
- Go to page 117 or table 504.3(2) answer the same questions as before on this table.

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- 1. 252000
- 2. 305000
- They may have both answers on the test so, make sure you are on the right table...
- Go to page 155 or appendix B work on example 1.

Look at (b) if 3 90 degree ell's are used....

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- Hope this helps you on vent pipe sizing.
- That's all folk's.....
- Any questions?