

Allied Air Enterprises Condensing (90%+) Gas Furnaces

Condensing (90%+) gas furnaces manufactured by Allied Air Enterprises are certified by CSA to comply with ANSI Z21.47 Standard for Gas-Fired Central Furnaces as Category IV condensing furnaces. The agency certification of these products includes furnace construction requirements and extensive performance testing at normal and abnormal conditions to ensure safe operation. This agency evaluation includes testing with a vent system constructed from PVC pipe as outlined in the installation instructions provided with each furnace.

Allied Air’s condensing gas furnaces are approved under agency certification to be vented with Schedule 40 PVC plastic pipe meeting ASTM D1785 or ASTM F891. Details of approved vent materials and vent system construction methods are provided in product installation instructions.

The following table provides a listing of applicable furnace model families and corresponding flue gas temperatures under normal and abnormal operating conditions.

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| Allied Air Enterprises Condensing Gas Furnace Model Families | A93UH1D | 92G1UH-P |
| | A93DF1D | 92G1DF-P |
| | A95UH1D | 95G1UH-P |
| | A95DF1D | 95G1DF-P |
| | A95UH1E | 95G1UH-E |
| | A95DF1E | 95G1DF-E |
| | A95UH2E | 95G2UH-E |
| | A95DF2E | 95G2DF-E |
| | A95UH2V | 95G2UH-V |
| | A95DF2V | 95G2DF-V |
| | A96US2V | |
| | A96DS2V | |
| | A96UHMV | |
| | A96DFMV | |
| | A97USMV | |
| A97DSMV | | |
| Typical Flue Gas Temperature Under NORMAL Operating Conditions | 95 – 125 °F (Model and vent length dependent) | |
| Maximum Flue Gas Temperature under ABNORMAL Operating Conditions | ≤ 140 °F | |

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