




Installation Statement

for Model DH5000 and DH5000T Hood-type Dishwashers with a Direct Vent Option
or a Condensate Removal Option

Installation Codes

Although local codes for dishwasher hood systems may vary from one municipality or state to another most are derived from the National Fire Protection Association, NFPA Code 96 or the International Mechanical Code. Section 507.2.2 of the International Mechanical Code, (2009) states, "Type II hoods shall be installed above dishwashers and light duty appliances that produce heat or moisture and do not produce grease or smoke, except where the heat and moisture from such appliances are incorporated into the HVAC system design or into the design of a separate removal system".

The requirement does not distinguish between machine type, heat type or operational temperature.

Code Compliance

A code official having jurisdiction may ask the HVAC contractor to demonstrate that the heating and air conditioning system for a new or existing installation will accommodate the heat and moisture produced by a Genesis DH5000 and DH5000T utilizing the Direct Vent or Condensate Removal option. The information contained in this document explains the DH5000 and DH5000T operation to assist the code official & the HVAC contractor.

Frequently Asked Questions

Question: Do I need to get approval for my installation?

Answer: A code inspector may need to approve the installation before the dishwasher is installed to ensure that all local codes and regulations have been followed. Contact your local building inspector for details on the applicable codes, regulations, and inspection procedures.

Question: What types of information might I need for approval?

Answer: A code inspector may request a report from an HVAC contractor showing that the building design will handle the heat output of the DH5000 or DH5000T equipped with the condensate removal option. Table 1 below provides the latent and sensible heat output information that the contractor needs to make its report.

| REMOVAL SYSTEM | HEAT OUTPUT (BTU/HR) | |
|--------------------|----------------------|----------|
| | Latent | Sensible |
| Condensate Removal | 13,000 | 5,600 |
| Direct Vent | 4,600 | 6,000 |

Table 1: Latent and Sensible Heat Output

A code inspector may also request information about the dishwasher. You can obtain DH5000 or DH5000T specification sheets at: <http://www.championindustries.com/products>
You may also call USA Champion Sales Dept. at: 1-800 532-8591, M-F 8-5 EST, or Canada Champion Sales Dept. at: 1-800 263-5798, M-F 8:30-4:30. In addition, you may call the Champion National Service Dept.: IN USA: 1-800-858-4477 IN CANADA: 1-800 263-5798



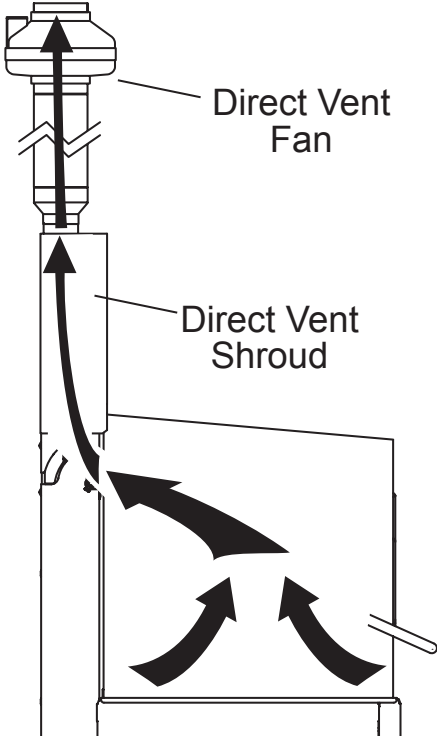
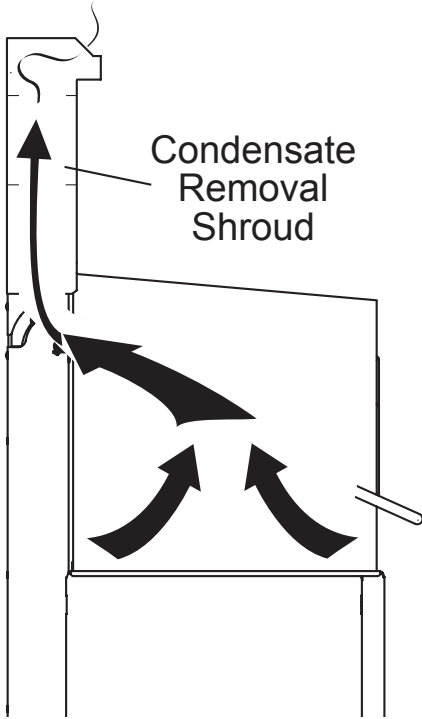
Question: What are the plumbing requirements for the condensate removal option?

Answer: The condensate removal option requires a cold water supply that provides a minimum flowing pressure of 45 PSI at the dishwasher before adjusting the flowing pressure on the machine to 20-22PSI. The cold water supply temperature must be between 55-75°F/13-34°C for proper operation. *(continued on reverse side)*

Genesis Model DH5000 and DH5000T Operation

The Model DH5000 and DH5000T have two venting options: Direct Vent, and Condensate Removal.

The operation of each configuration is described below.

| The Direct Vent Option | The Condensate Removal Option |
|---|--|
|  |  |
| <p>Is a high temperature hot water sanitizing dishwasher with an extended exhaust shroud and vent fan (supplied by Champion or others) to exhaust heat and steam produced by the dishwasher to the outside of the building. Total cycle time is 70 seconds.</p> | <p>Is a high temperature hot water sanitizing dishwasher with an extended shroud that condenses the steam and reclaims the heat from the operation of the dishwasher, significantly reducing the heat output of the dishwasher into the dish room. Total cycle time is 90 seconds.</p> |
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