

Takagi T-H3S-DV-P

Takagi T-H3S-DV-P Condensing High Efficiency Propane Indoor Tankless Water Heater User Manual

Model: T-H3S-DV-P | Brand: Takagi

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Takagi T-H3S-DV-P Condensing High Efficiency Propane Indoor Tankless Water Heater. Please read all instructions thoroughly before attempting to install or operate this appliance. Retain this manual for future reference.

2. SAFETY INFORMATION

Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Refer to this manual. For assistance or additional information, consult a qualified installer, service agency, or the gas supplier.

- **Professional Installation Required:** Installation and service must be performed by a qualified professional.
- **Propane Gas:** This unit is designed for propane gas only. Do not use other fuel types.
- **Hot Water Safety:** Water temperatures over 125°F (52°C) can cause severe burns instantly or death from scalds. Exercise caution when setting water temperature.
- **Ventilation:** Ensure proper ventilation as specified in the installation instructions to prevent carbon monoxide accumulation.
- **Electrical Connection:** Connect to a properly grounded 120-volt electrical supply.

3. PRODUCT OVERVIEW

The Takagi T-H3S-DV-P is a high-efficiency, condensing, indoor tankless water heater designed to provide continuous hot water on demand. It features a compact design and operates on propane gas, offering an 8-gallon per minute maximum flow rate suitable for multiple applications.



This image displays the Takagi T-H3S-DV-P tankless water heater. It features a white rectangular casing with a black control panel located at the lower front. Two silver vent pipes are visible on the top surface of the unit. The Takagi logo is prominently displayed on the upper front.

4. SETUP AND INSTALLATION

Installation of the Takagi T-H3S-DV-P water heater requires adherence to local codes and manufacturer guidelines. It is imperative that a qualified and licensed professional performs the installation.

4.1 Key Installation Considerations:

- **Location:** Install indoors only, ensuring adequate clearance for maintenance and proper ventilation.
- **Venting:** This unit requires a dedicated venting system. Follow all instructions for proper vent pipe sizing and material.
- **Gas Supply:** Ensure the propane gas supply line is correctly sized and connected by a qualified gas technician.
- **Water Connections:** Connect cold water inlet and hot water outlet lines securely. Install isolation valves for maintenance.
- **Electrical:** Connect to a 120-volt, properly grounded electrical outlet.
- **Condensate Drain:** A condensate drain line must be installed and properly routed.

Refer to the detailed installation manual provided with the unit for specific diagrams and step-by-step instructions.

5. OPERATING INSTRUCTIONS

Once properly installed and connected, operating your Takagi tankless water heater is straightforward.

5.1 Initial Startup:

1. Ensure all gas and water supply valves are open.
2. Plug the unit into the electrical outlet.
3. Open a hot water faucet in your home to allow water to flow through the unit. The heater will detect the flow and begin heating.

5.2 Temperature Adjustment:

The water heater features a control panel, typically located on the front of the unit, allowing you to adjust the desired hot water temperature. Consult the specific control panel instructions in your full manual for precise temperature setting procedures.

5.3 Normal Operation:

The unit will automatically activate when a hot water faucet is opened and deactivate when it is closed. This on-demand operation ensures hot water is only produced when needed, contributing to energy efficiency.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and efficient operation of your tankless water heater. It is recommended that a qualified service technician perform annual maintenance.

6.1 Recommended Maintenance Tasks:

- **Flushing:** Periodically flush the heat exchanger to remove mineral buildup, especially in areas with hard water. This typically involves using a descaling solution.
- **Inspection:** Check all gas, water, and vent connections for leaks or damage.
- **Cleaning:** Ensure the air intake and exhaust vents are clear of obstructions.
- **Filter Cleaning:** If applicable, clean any inline water filters.

Always disconnect power and shut off gas and water supplies before performing any maintenance.

7. TROUBLESHOOTING

If your water heater is not functioning correctly, consult this section for common issues. For complex problems or error codes, contact a qualified service professional.

7.1 Common Issues:

- **No Hot Water:** Check gas supply, water supply, electrical connection, and ensure no error codes are displayed.
- **Inconsistent Hot Water:** May indicate mineral buildup requiring flushing, or issues with water flow sensors.
- **Error Codes:** The unit's display may show an error code. Refer to the comprehensive manual for a list of codes and their corresponding solutions.
- **Low Water Pressure:** Check for kinks in water lines or blockages in filters.

If troubleshooting steps do not resolve the issue, contact Takagi customer support or a certified technician.

8. SPECIFICATIONS

Feature	Specification
Brand	Takagi
Model	T-H3S-DV-P
Voltage	120 Volts
Maximum Flow Rate	8 Gallons Per Minute
Efficiency	Energy Star certified
Style	Indoor
Mounting Type	Internal
Fuel Type	Propane (Not Electric)
Item Weight	58 pounds
Product Dimensions (L x W x H)	11.25 x 17.75 x 24.88 inches
Temperature Range	100-140 Degrees Celsius
Sound Level	55 Decibels
Usage	Indoor use only
UPC	671657141448

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product packaging or visit the official Takagi website. Warranty terms and conditions may vary.

For technical support, service inquiries, or to locate a certified service provider, please contact Takagi customer service directly. Contact information can typically be found on the manufacturer's website or in the product documentation.

