



Jandy® Pro Series Hi-E2® and Hi-E2® R Vent Limit Replacement Kit

⚠ WARNING

FOR YOUR SAFETY - This product must be installed and serviced by a contractor who is licensed and qualified in pool equipment by the jurisdiction in which the product will be installed where such state or local requirements exists. In the event no such state or local requirement exists, the installer or maintainer must be a professional with sufficient experience in pool equipment installation and maintenance so that all of the instructions in this manual can be followed exactly. Before installing this product, read and follow all warning notices and instructions that accompany this product. Failure to follow warning notices and instructions may result in property damage, personal injury, or death. Improper installation and/or operation can create carbon monoxide gas and flue gases which can cause serious injury, property damage, or death. For indoor installations, as an additional measure of safety, Zodiac Pool Systems, Inc. strongly recommends installation of suitable Carbon Monoxide detectors in the vicinity of this appliance and in any adjacent occupied spaces. Improper installation and/or operation will void the warranty.

⚠ WARNING

If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

⚠ WARNING

PVC pipe has a lower temperature rating than the temperature at which this limit switch is designed to activate. Therefore, DO NOT USE PVC pipe for venting with this switch installed. Vent system must be water tight and comply with UL® 1738 (USA) and ULC S636 (Canada). CPVC pipe may be used with this installation.

These instructions are to be used with the following Replacement Kits:

R0461600 -- Hi-E2 Indoor Vent Limit Replacement Kit

1. Introduction

This document provides instructions for replacing the vent limit on all Jandy Pro Series Hi-E2 natural and propane model pool/spa heaters.

These instructions were written with safety as the priority and must be followed exactly. Not following the written procedure or taking shortcuts may increase the risk of personal injury. ***Read through the instructions completely before starting the procedure.***

Before starting the procedure, use the parts list at the back of these instructions to identify the parts that are in your kit. If any parts are missing from the kit please call your local Zodiac distributor for assistance. For technical assistance, please contact Zodiac Technical Support at 1.800.822.7933.

2. Replace the Vent Limit Switch

⚠ WARNING SHOCK HAZARD

Turn off all switches and the main breaker in the pool/spa heater electrical circuit before starting the replacement procedure. Failure to comply may cause a shock hazard resulting in severe personal injury or death.

1. Turn off the electrical power to the heater. Turn off the main gas supply to the heater at the meter or the manual gas cock outside the heater.
2. Be sure that the filter pump is OFF and that it will remain off during the entire procedure.
3. If the heater is below the surface level of the water in the pool, be sure to completely close shut-off valves leading to and coming from the pool.
4. Remove the heater door.

- Disconnect the two (2) wires at the vent limit (Figure 1).

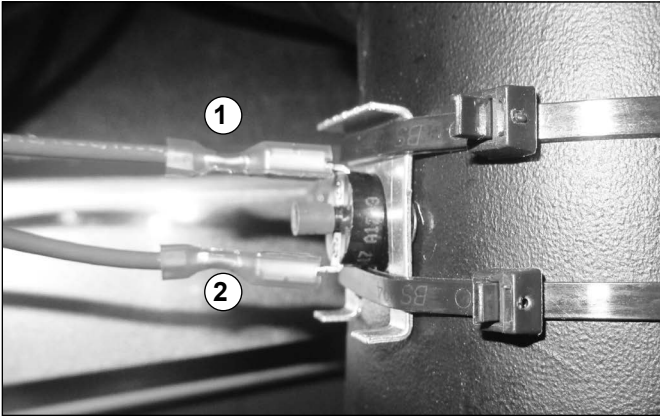


Figure 1. Disconnect wires from vent limit.

- Cut the two (2) zip ties attaching the vent switch to the vent diffuser (Figure 2).

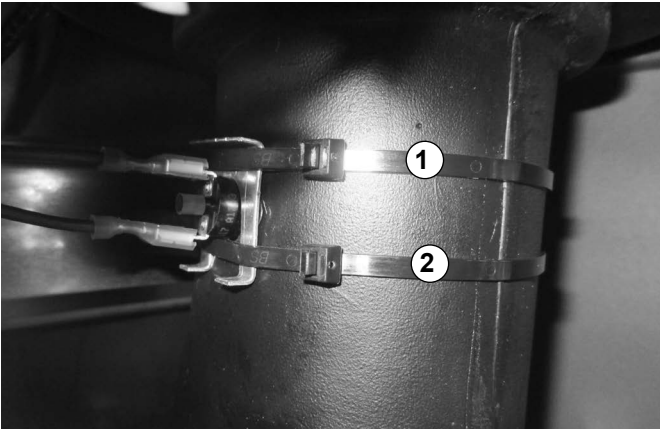


Figure 2. Cut and remove two (2) zip ties.

- Remove the original vent switch from the vent diffuser (Figure 3).

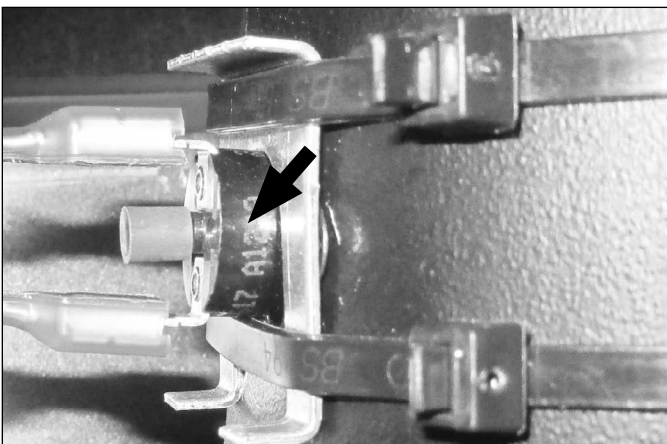


Figure 3. Remove vent limit switch.

- Retain the bracket and discard the vent switch.
- Install the new vent limit with the original bracket.

NOTE: PVC pipe has a lower temperature rating than the temperature at which this limit switch is designed to activate. Therefore **DO NOT USE** PVC pipe for venting with this switch installed.

- Reconnect the two (2) vent limit wires.
- Secure cable ties over the bracket.
- If any of the shutoff valves were closed, reopen them.
- Turn on the filter pump and check the connections for leaks.
- Turn on the power to the heater and test operation.
- Replace the heater door.

3. Replacement Kit Parts List

The following table is for your reference. To order additional parts, please contact your local Zodiac distributor.

COMPONENT DESCRIPTION	#
Warning	1
Temperature Switch	1
Cable Tie	2
Vent Unit Bracket	1
Instructions	1

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