

GKS9 HORIZONTAL INSTALLATION KIT

KIT PART NUMBER 0270K00012

Goodman Manufacturing Company, L.P. © 2006
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Description

All GKS9 model furnaces are shipped from the factory as Dedicated Upflow. The furnace can be installed as a Horizontal Left or a Horizontal Right, but only after installing this kit.

The GKS9 Horizontal Installation Kit (0270K00012) provides a positive means of detecting a blocked condensate drain line in the horizontal position. When installed as an upflow furnace, the induced draft blower pressure switch will also act to detect a blocked drain line, negating the need for a second pressure switch.

Use the following parts list to ensure that all parts listed below are present and in an undamaged condition. IF ANY DOUBT EXISTS ABOUT THE CONDITION OF ANY COMPONENT WITHIN THIS KIT, DO NOT USE THIS KIT AND CONTACT YOUR SUPPLIER FOR A NEW KIT.

Contents of Kit

PARTS LIST		
Part Number	Description	Quantity
20197312	Pressure Switch, Set point -0.37 In. W.C.	1
M0219916	Mounting Screw	1
0164M00014	Rubber Tubing	26 Inches
W18210160160012	Gray Wire Assembly	1

WARNING

HIGH VOLTAGE!
Disconnect ALL power before servicing or installing this kit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury or death.



Pressure Switch Installation

1. With the furnace lying on its side, mount the pressure switch using the supplied screw to the opposite side of the burner rack from the factory supplied pressure switch. The switch should be mounted so that the hose connection faces downward (4 o'clock to 8 o'clock) to prevent moisture from entering the switch.
2. Take a moment and check the positioning of the factory supplied pressure switch and adjust if necessary so that the hose connection falls from the 4 o'clock to 8 o'clock position.
3. Locate the pressure switch tap at the bottom of the collector box and remove the rubber plug. The pressure switch must be connected to the down side to guard against blocked drain conditions.
4. Cut hose to appropriate length to prevent sagging and connect between the pressure switch and cover tap.

Jumper Wire Installation

1. Refer to the Wiring Diagram supplied with the furnace.
2. Disconnect the GRAY wire from the gas valve and reconnect to either one of the terminals on the blocked drain pressure switch.
3. Connect the GRAY jumper wire supplied with this kit between the gas valve and the remaining terminal on the pressure switch.

Drain Connections

Refer to the Installation Manual supplied with the furnace for proper installation of drain lines.

ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.