

<p>Maximum Pipe Size: 3" Inside diameter 3.75" Outside diameter</p>
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Specification and Data Sheet

MODEL NO. 3-RAH-7 (SS or HDG)

1. **Product Name:** PILLOW BLOCK PIPESTAND MODEL NO. 3-RAH-7 (SS or HDG). NOTE: Pillowblock pipestands are given model numbers which correspond to usual pipe names. Pipe that is called "three inch" or 3" pipe has a 3" inside diameter and a larger outside diameter. Model 3-RAH-7 (SS or HDG) will hold all usual and customary 3" and smaller pipe sizes, referring to the inside diameter. The maximum outside dimension of the pipe or conduit the Model 3-RAH-7 (SS or HDG) will hold is 3.75" diameter.
2. **Manufacturer:** MIRO INDUSTRIES, INC., 2700 South 900 West, Salt Lake City, Utah 84119 Phone (800) 768-6978
Fax (800) 440-7958
3. **Product Description:** A "roller-bearing" pipe support used to support roof-mounted gas pipes, electrical conduit, solar piping and other mechanical piping. Unique design absorbs thermal expansion and contraction of pipes thus preventing damage to the roof membrane. Pipes rest on a self-lubricating roller which is made of a stainless steel rod and a polycarbonate resin roller. The pipe support base is made of stainless steel or hot-dip galvanized steel and all other metal parts are made of stainless steel. Pipestand will accommodate up to 3" inside diameter pipe or up to 3.75" outside diameter pipes.
4. **Product Performance:** The "U" shaped cradle serves to keep the pipestand roller system directly beneath the pipe without binding and allows for some lateral expansion of the piping system. The base is gently rounded to prevent gouging with edges raised 1". Drainage ports are provided to prevent ponding within the device.
5. **Compatibility:** Pillow Block Pipestands are recommended for use and are compatible with all current types of decking and with all commonly used built-up and single-ply roofing membranes where roof-mounted pipes occur.
6. **Load Weight:** Maximum load weight may not exceed 100 lbs. per pipestand.
7. **Composition and Materials:** The pipestand consists of two major components: (1) A one-piece stainless or hot-dip galvanized steel roof deck base, pipe support, and adjustable roller housing, and (2) A roller made of polycarbonate resin and a stainless steel rod which rests upon the adjustable height roller housing connected with 3/8" diameter stainless steel all thread. Carbon black is added to the polycarbonate resin for UV resistance and protection.
8. **Size:** Pillow Block Pipestand Models 3-RAH-7 (SS or HDG) is made in one standard size. The deck base is 8" by 14", has a maximum cradle width of 4", and can adjust in height from a low of 3.5" to a high of 7" from bottom of pipe support.
9. **Installation:** (1) Center the pipestand beneath the pipe so that the cradle allows the pipe to be squarely over and through the roller of the pipestand. (2) Adjust the pipestand to the desired height and even load with other pipestands. Make certain the roller and horizontal rod is level. (3) Set the pipe in the pipestand without dropping or causing undue impact. If desired, an additional sheet of roofing material, a MIRO Support Pad, or a MIRO Deck Plate can be installed beneath the pipestand. For built-up roofs, all loose aggregate from an area 15" square should be removed from the area directly beneath the pipestand and then follow the installation directions set forth above. Care should be taken to install each pipestand so it supports a proportional and equal amount of weight at each pipestand.

OPTIONAL METHOD OF INSTALLATION (Not recommended): Where code requires or as desired, the pipestands may be attached to the roof by appropriate and compatible rooftop fasteners through holes then drilled in the bottom of the pipestand pitchpan at the time of installation.
10. **Spacing:** Manufacturer's recommended spacing should not exceed 10 foot centers depending upon the load. Do not exceed 100 lbs. load weight and make certain each pipestand is adjusted in height to even load with all other pipestands.
11. **Availability:** Pillow Block Pipestands are marketed throughout the United States through representatives and distributors.
12. **Maintenance:** Normally maintenance is not required. Semi-annual inspection is required to check pipestand position and set pipe alignment, weight distribution and improper installation which may cause pipestand damage or failure.
13. **Technical Services:** Please call MIRO INDUSTRIES, INC.: (800) 768-6978 or visit our website www.miroind.com for technical information and for graphic and CAD drawing downloads.