

Maximum Pipe Size:	
3"	Inside diameter
3-3/4"	Outside diameter

Specification and Data Sheet

MODEL NO. 3-RAH-7 and 3-RAH-12

1. **Product Name:** PILLOW BLOCK PIPESTAND MODEL 3-RAH-7 and 3-RAH-12. **NOTE:** Pillowblock pipestand model numbers correspond to nominal or typical "trade" pipe sizes. Pipe that is called "three inch" or 3" pipe has a 3" inside diameter and a larger outside diameter. Model 3-RAH-7 and 3-RAH-12 will hold up to all nominal and customary 3" and smaller pipe sizes. The maximum outside diameter of the pipe or conduit the Model 3-RAH-7 and 3-RAH-12 will hold is 3-3/4".
2. **Manufacturer:** MIRO INDUSTRIES, INC., 844 South 430 West, Suite 100, Heber City, Utah 84032 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 polycarbonate resin rod and roller. The pipe support base is made of sturdy MIRON TPC™ or polycarbonate resin, and all metal parts are made of stainless steel. Pipestand will accommodate up to 3" inside diameter pipe or up to 3-3/4" outside diameter pipes.
4. **Product Performance:** The "U" shaped roller 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 the roof membrane.
5. **Compatibility:** Pillow Block Pipestands are recommended for use on and are compatible with all current types of decking 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 115 lbs. per 3-RAH-7 and 186 lbs. per 3-RAH-12.
7. **Composition and Materials:** The pipestand consists of two major components: (1) A one-piece roof deck base, (2) A roller and roller rod made out of polycarbonate resin connected with 3/8" diameter stainless steel all thread designed for adjustable height. Carbon black is added to the MIRON TPC™ or polycarbonate resin for UV resistance and protection.
8. **Size:** Pillow Block Pipestand Model 3-RAH-7 has a deck base that is 7-1/2" by 10". Model 3-RAH-12 has a deck base of 9" x 15-1/4", and has a maximum cradle width of 4". The 3-RAH-7 can adjust in height from a low of 3-1/2" to a high of 7" from bottom of pipe support. The 3-RAH-12 can adjust in height from a low of 5-1/2" to a high of 12".
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 to even load with other pipestands. Make certain the strut or roller is level. (3) Set the pipe in the pipestand without dropping or causing undue impact. An additional sheet of roofing material, a MIRO Support Pad, or a MIRO Deck Plate should 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.
10. **Spacing:** Manufacturer's recommended spacing is not to exceed 10 foot centers depending upon the load. Do not exceed specified load weight and make certain each pipestand is adjusted in height to even load. Support spacing is not to exceed the maximum spacing required in the pipe specifications where applicable.
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.