

**Maximum Pipe Size:**  
5" Inside diameter  
6" Outside diameter

## Specification and Data Sheet

# MODEL NO. 5-R, 5-RAH-7 and 5-RAH-12

1. **Product Name:** PILLOW BLOCK PIPESTAND MODELS 5-R, 5-RAH-7 and 5-RAH-12. **NOTE:** Pillowblock pipestands model numbers correspond to nominal or typical "trade" pipe sizes. Pipe that is called "five inch" or 5" has a larger outside diameter or O.D. pipe. The 5-R and 5-RAH series support will hold all nominal or typical "trade" size pipes 5" and smaller. The 5-R and 5-RAH series support will hold up to a maximum of 6" outside diameter or O.D. pipe.
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 which is made of a stainless steel rod and a sturdy polycarbonate resin roller. The pipe support base is made of MIRON TPC™ or polycarbonate plastic and all metal parts are made of stainless steel. Pipestand will accommodate up to 5" inside diameter pipe and up to 6" 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 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 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 223 lbs. per pipestand.
7. **Composition and Materials:** The pipestand consists of two major components: (1) A one-piece MIRON TPC™ or polycarbonate resin roof deck base, pipe support, adjustable roller housing, and (2) A stainless steel rod and polycarbonate resin roller which rest in a fixed saddle on the 5-R or an adjustable height roller housing connected with 1/2" diameter stainless steel all thread on the 5-RAH-7 or 5-RAH-12. Carbon black is added to the MIRON TPC™ and polycarbonate resin for UV resistance and protection.
8. **Size:** Pillow Block Pipestand Models 5-R, 5-RAH-7 and 5-RAH-12 are made in one standard size. The deck base is 9" by 15-1/4" and has a maximum cradle width of 9", but is designed to hold a maximum of 5" inside or a maximum of 6" outside diameter pipe.  
     5-R has a maximum pipe clearance of 2-3/8".  
     5-RAH-7 can adjust in height from a low of 3-1/2" to a high of 7" from bottom of pipe support.  
     5-RAH-12 can adjust in height from a low of 3-1/2" to a high of 12" 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 or strut 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 20" 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 with all other pipestands.
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 to even load with all other pipestands. 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](http://www.miroind.com) for technical information and for graphic and CAD drawing downloads.