

# **MZL SERIES ZERO LOSS CONDENSATE DRAIN**

Manufacturing Forward





Mikropor began its journey in 1987 with a passion to create "Tomorrow's Technology" and has become one of the leading manufacturers of atmospheric air filtration solutions and compressed air treatment systems for a variety of industries.

By closely following the latest developments in technology, Mikropor's "Best in Class" products and solutions are appreciated by customers in more than 100 countries.

The company's sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to technology. Mikropor is an environmentally conscious company that values people, while developing products that extend the needs and expectations of customers.

With this mission, Mikropor continues to become one of the most recognized brands in the world by expanding its global penetration in the field of technological filtration and contributes to a healthier planet.

[www.mikroporamerica.com](http://www.mikroporamerica.com)

## MZL SERIES ZERO LOSS CONDENSATE DRAIN

The Mikropor MZL Series Zero Loss Condensate Drains are designed for zero loss of compressed air thus eliminating excess amount of compressed air waste. The MZL Series have digital control features that provides alarms when drain is clogged and to alert the user when regular maintenance is required unlike standard mechanical drains. The MZL Series is also extremely easy to Troubleshoot if a problem arises.

The MZL Series Zero Loss Condensate Drains can be used on all Compressed Air Filters, Dryers, After-Coolers, Storage Tanks, and Water Separators or anywhere within the Compressed Air System where water may be present.



\* MZL-6000



Zero compressed  
air loss



Ease on service and  
maintenance



Compact and  
user-friendly design

### Advantages of MZL Series

The MZL Series have capacitive sensors to detect the condensate level which activates the drain when needed. When activated only the accumulated water is expelled from the drain leaving the compressed air in the system thus no loss of air escapes, only the water.

The MZL Series digital alarms alerts the user in case the drain fails, or maintenance is required. Easy to Troubleshoot.

There is an integrated mesh strainer to help protect the valve from any downstream dirt from clogging the MZL Series drain.

All MZL Models are rated for IP65 / NEMA-4 as standard.

All MZL Models are certified CSA.

All MZL Models can be connected to all compressed air systems thanks to the standard inlet and outlet connection size.



## MZL SERIES ZERO LOSS CONDENSATE DRAIN

| Model       | Voltage          | Inlet Diameter | Outlet Diameter         | Working Pressure | Working Temperature | Width (mm) | Length (mm) | Height (mm) |
|-------------|------------------|----------------|-------------------------|------------------|---------------------|------------|-------------|-------------|
| MZL-600     | 115 VAC 50-60 Hz | G 1/2"         | G 1/4"<br>Hose Fittings | 0-230 psi        | 34-122 °F           | 5.6"       | 3.6"        | 3.03"       |
|             | 230 VAC 50-60 Hz |                |                         |                  |                     |            |             |             |
|             | 24 VAC 50-60 Hz  |                |                         |                  |                     |            |             |             |
|             | 24 VDC           |                |                         |                  |                     |            |             |             |
| MZL-6000    | 115 VAC 50-60 Hz | G 1/2"         | G 1/4"<br>Hose Fittings | 0-230 psi        | 34-122 °F           | 3.4"       | 7.04"       | 4.5"        |
|             | 230 VAC 50-60 Hz |                |                         |                  |                     |            |             |             |
|             | 24 VAC 50-60 Hz  |                |                         |                  |                     |            |             |             |
|             | 24 VDC           |                |                         |                  |                     |            |             |             |
| MZL-6000-HP | 115 VAC 50-60 Hz | G 1/2"         | G 1/4"<br>Hose Fittings | 0-725 psi        | 34-122 °F           | 3.4"       | 7.04"       | 4.5"        |
|             | 230 VAC 50-60 Hz |                |                         |                  |                     |            |             |             |
|             | 24 VAC 50-60 Hz  |                |                         |                  |                     |            |             |             |
|             | 24 VDC           |                |                         |                  |                     |            |             |             |

Note: Zero-Loss drains has BSP thread. If you need to change the inlet to NPT thread, you can use the adaptor 1012890100/ IC-US50-100 G1/2"-NPT1/2" BAG. KIT1

| MZL Series Air Flows (cfm) |            |        |       |
|----------------------------|------------|--------|-------|
|                            | Compressor | Filter | Dryer |
| MZL-600                    | 350        | 3500   | 700   |
| MZL-6000                   | 3500       | 35000  | 7000  |
| MZL-6000 HP                | 3500       | 35000  | 7000  |



\* MZL-600



Dry-contact (potential free relay) alarm output



Integrated mesh filter



LED Power indication

# **MZL SERIES ZERO LOSS CONDENSATE DRAIN**



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