



Continuous Leak-Free Operation

Mokon's Leak-Master negative pressure system stops leaks in molds and processes without stopping production. This easily connected, portable unit controls water leaks and flow by means of a progressive cavity pump. The system "pulls" rather than "pushes" the water through the process. Instead of water being forced out, air is drawn into leaking areas around faulty "O"-rings, holes in pipes or cracks in molds. Essentially, the system creates a vacuum to effectively stop the leak, so there is no need to shut down production for a mechanical repair.

The Leak-Master can be installed quickly for emergency use or as a standby for intermittent use. Each unit is constructed with particular attention to detail and is tested thoroughly prior to shipment. The Leak-Master features all nonferrous components including plumbing, valves and a cast iron pump. The overall design ensures long life and minimal maintenance while providing continuous leak-free operation.



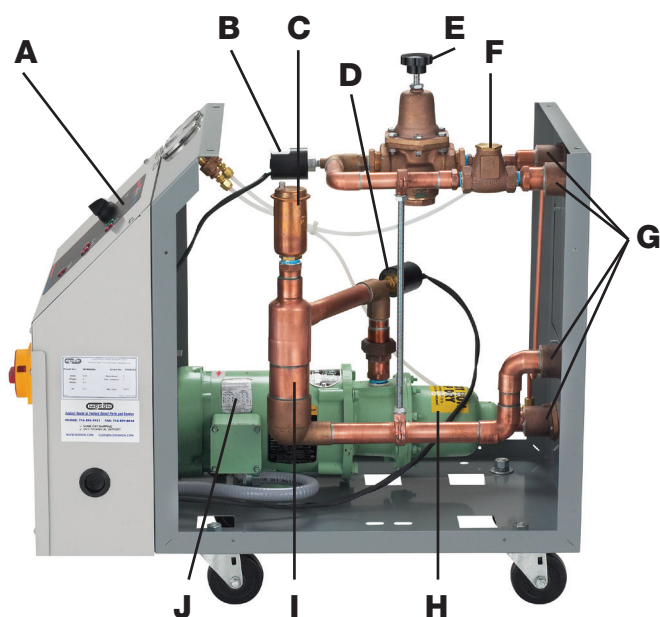
Designed to Perform. Built to Last.

LeakMaster

*Negative Pressure
Water System
10°F to 180°F (-12°C to 82°C)*

- **Portable**
- **Nonferrous piping**
- **Suitable for continuous or intermittent use**
- **Easy to connect**
- **Operator-friendly instrumentation**
- **Easy-to-remove cover with powder-coated finish**
- **UL 508A labeled electrical sub-panel**
- **Meets NFPA 79 electrical safety standards**

Stops Leaks without Stopping Production



Standard Features

- A** Liquid filled pressure gages, on/off switch and indicating lights mounted in operator-friendly orientation
- B** Low pressure switch
- C** Vent
- D** High pressure switch
- E** Regulator valve adjustment
- F** Strainer
- G** Process, drain and supply connections
- H** Progressive cavity pump
- I** Copper piping
- J** Direct drive T.E.F.C. motor

System standard with NFPA 79 and UL 508A labeled electrical sub-panel

Specifications

Model	Pump (Hp)	Flow Rates (GPM)	Voltage	Total Amps	Process Connections	Drain/Supply Connections	Cabinet Dimensions* (L x W x H)	Shipping Weight (Approx. lbs.)
NP1000	1/2	9	115V/1PH	7.4	1"	1"	28" x 16" x 25"	110
NP2000	1/2	9	230V/1PH 230V/3PH	3.7 2	1"	1"	28" x 16" x 25"	110
NP4000	1/2	9	460V/3PH	1	1"	1"	28" x 16" x 25"	110
NP1100	1 1/2	24	115V/1PH	12.4	1 1/2"	1 1/2"	32" x 17" x 27.5"	170
NP2100	1 1/2	24	230V/1PH 230V/3PH	6.2 5	1 1/2"	1 1/2"	32" x 17" x 27.5"	170
NP4100	1 1/2	24	460V/3PH	2.5	1 1/2"	1 1/2"	32" x 17" x 27.5"	170

Temperature range is 10°F to 180°F (-12°C to 82°C)

* Height does not include regulator valve adjustment — allow for 4"

Leak-Master systems are available in other voltages, please contact Mokon.

Applications

The Leak-Master can be connected to any process circulating water system. It can be used in conjunction with a direct water supply, a temperature control system or as a booster pump to an existing water system where head losses cause processing problems.

Installation and Operation

The Leak-Master can be easily installed to your leaking process. To control the leak and flow of water to your process, the regulating valve is simply adjusted from the outside of the cabinet without the need for tools. Casters allow for complete portability.

Warranty and Delivery

Mokon offers a one year warranty as standard. The Leak-Master is designed for long trouble-free service and is constructed with reliable parts and durable materials. Most sizes of the Leak-Master are in stock for immediate shipment. Call Mokon for more information on availability and pricing.

Technical data shown is subject to change without notice. The company will endeavor to supply the equipment as illustrated but reserves the right to make dimensional and other design changes as required.



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