

Medical Application Compact Receivers

The compact MedLine® MR Series Receivers provide trouble-free material transfer within a central vacuum system. The exclusive 4.5-inch diameter tube body means that materials will always flow easily from the receiver without bridging. The hinged lid is equipped with a compact vacuum sequencing valve and allows easy, no-tools servicing of the oversized, drop-in, 20-mesh stainless steel filter.

Designed to work seamlessly with Conair MicroWheel™ dryers, the MR Receiver easily mounts to the lid of the MicroWheel (no drilling or fitting necessary) and keeps the MW hopper full.



Medical Loader MR1
shown with UTB control

Medical Loader MR2
shown with UTB control

All-Stainless Receivers for Cleanroom Use

The MedLine® MR fits directly on top of the MicroWheel™ drying hopper. Its discharge valve incorporates a demand switch allowing the MR to automatically keep the drying hopper full.

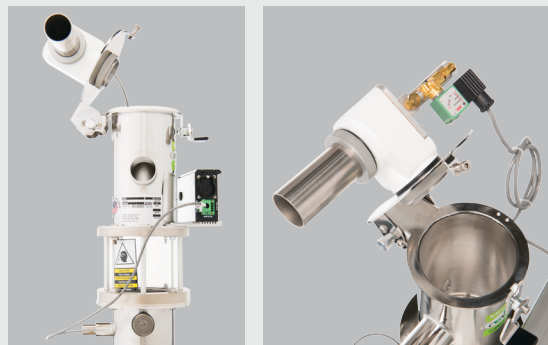
MR is available in a 1-or-2 pound capacity. The MR2 enables easy viewing of your process through a glass chamber.

The drop-in screen filter module provides more than 40 square inches of 20-mesh filter area for efficient air/material separation.

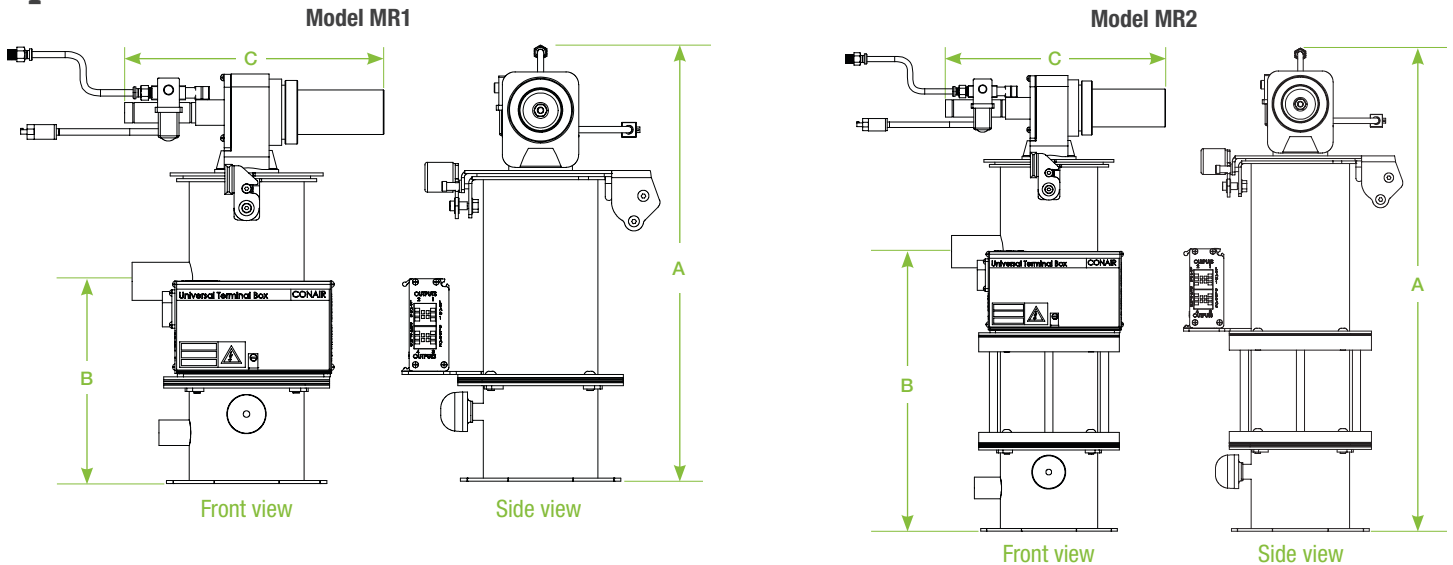
Adapter part numbers for mounting MR Receiver on MicroWheel™ dryer.

MicroWheel	Adapter
MW1-0.2	No adapter necessary
MW1-0.5	102117123
MW1-1.0	102117124
MW2-1.0	102117124
MW2-1.75	102117124

- ▶ **Modular, easy cleaning**
The chamber comes apart without tools for easy access, material changes and cleaning. The stainless steel and RAL 9003 paint maintain the clean bright look expected in a cleanroom.
- ▶ **Compact, attractive**
The 4.5-inch diameter receiver sports an electro-polished stainless steel finish that will compliment any facility while requiring almost no maintenance.
- ▶ **Versatile use**
Available for loading drying hopper and small bins.
- ▶ **Easy-access hinged lid**
No-tools, swing clip opens for easy maintenance.
- ▶ **Choice of control**
The Universal Terminal Box (UTB) is mounted on your receiver. The UTB works with FLX-128 Plus. The optional ELC control is a stand-alone loading control based on a receiver integrated CAN open network.



Specifications



Loader Model	MR1	MR2
Loader diameter inches {mm}	4.50 {114.3}	
Loader volume ft ³ {liters}	0.03 {0.85}	0.06 {1.70}
Material / vacuum line size inches {mm} OD	1.50 {38.1}, 1.75 {44.5}, 2.00 {50.8}	
Vacuum line sizes in {mm}	1.50 {38.1}, 1.75 {44.5}, 2.00 {50.8}	
Loader maximum temperature rating °F {°C}	180 {82}	
Available voltages, 50/60 Hz	120/24 VAC/24 VDC	
Compressed air requirements	90 maximum psi, 1.4 CFM, NPT fitting: 1/4 inch	
Loader maximum temperature rating °F {°C}	180 {82}	
Filter area inch ² {cm ² }	20 {129}	
Filter type	20 mesh stainless steel	
Dimensions inches {mm}		
A - Height above mounting plate	16.06 {407.9}	21.03 {534.1}
B - Height to center of material inlet	7.90 {200.7}	12.90 {327.7}
C - Width	10.15 {257.8}	
Mounting details	See Figure 1 & Figure 2	See Figure 1 & Figure 2
Approximate weight lb {kg}		
Installed	12.50 {5.66}	16.00 {7.25}
Shipping	27.50 {12.47}	31.00 {14.06}

Figure 1 - Mounting on MicroWheel™ dryers

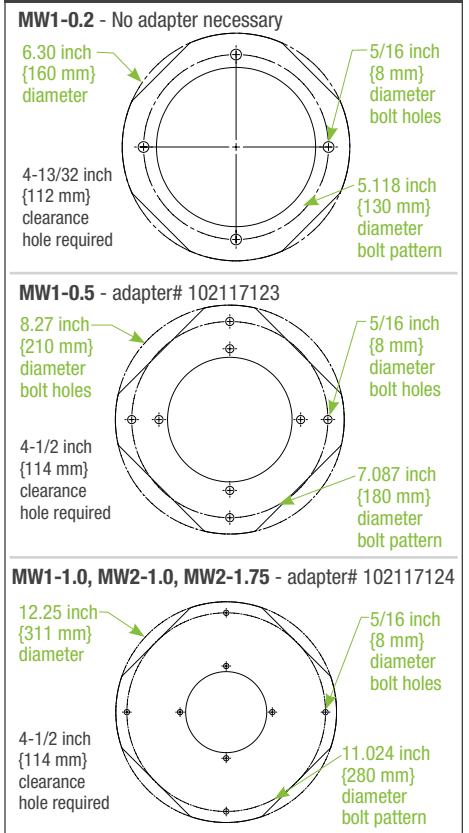
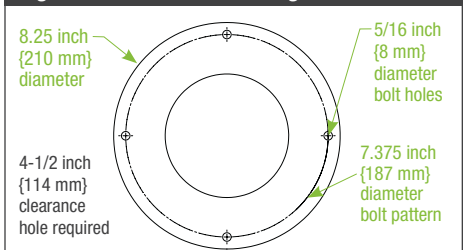


Figure 2 - Standard Mounting



Specification Notes
 Specifications may change without notice. Consult with a Conair representative for the most current information.

