

Easier Access and Cleaning; Keep the Room Clean

Cleaning and maintaining your material receivers is important to all processors. But Medical processors know that faster, easier, safer and cleaner are of the utmost importance. Conair MedLine® Access Receivers achieve this through the unique angled canister design, which means workers don't need to climb as high or work as hard to service the drop-in filter or wipe out the stainless steel canister. Easy wipe out and increased safety make this receiver perfect for cleanroom and other medical applications.



Access Model AR-5
with ELC-16 Control

Stainless Steel and RAL 9003 Paint; Cleanroom Ready

The MedLine® Access Receiver (AR Series) delivers all the performance and reliability you expect from Conair, plus added features and benefits. The unique angled canister is constructed of stainless steel, and the discharge valve is anodized, to ensure corrosion resistance and easy cleaning. The hinged lid opens easily, without tools, tilts back and locks out of the way leaving workers with both hands free for safety, comfort and convenience.

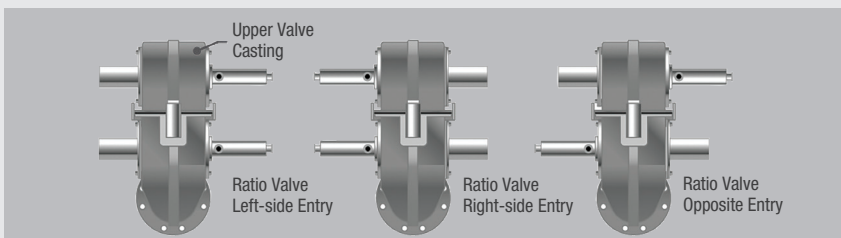
The modular design provides application flexibility, by allowing the material inlet to be positioned in virtually any direction. A vertically oriented ratio valve or a common line valve are available. A remote valve is available for operation inside a cleanroom.

- ▶ **The world's most reliable discharge valve**
Anodized cast aluminum, for years of trouble-free performance.
- ▶ **Option packages to suit your needs**
Popular options are combined for easy selection and integrated into your receiver purchase.
- ▶ **Integrates with existing loading systems**
Modular design allows your Access Receiver to be outfitted for your specific requirements including voltage, line size and material inlet orientation.

- ▶ **Choice of control**
The Universal Terminal Box (UTB) is mounted on your receiver. The UTB works with B-32, FLX-128 or FLX-128 Plus. The optional ELC control is a stand-alone loading control based on a receiver integrated CAN open network.



- ▶ **Optional customizable ratio valve**
The ratio valve's top and bottom material inlets can be conveniently positioned facing forward or backwards for convenient connection to your material lines.



Controlled by Conair's Central Loading Controls

All of Conair's loaders and receivers can be controlled using one of the central loading controls developed by Conair to manage your entire conveying system. Instead of choosing the ELC, select a UTB (Universal Terminal Box) for your Access AR Receiver and connect and control the receiver with Conair's B-32, FLX-128, or FLX-128 Plus conveying system controls. See the B-32, FLX-128 and FLX-128 Plus specifications sheets for more information about the capacities and capabilities of these scalable controls.



Features

(Shown with optional ELC-16 controls)

01

Optional bolt-on ratio or common line valves can replace the receiver's original material inlet/outlets tube. Valve retro-fit kits are also available.

Bolt-on replacement inlet/outlets (1.75 in. {44.45 mm} standard) vertical feed tube and flex hose clamps.

02

Stainless steel cylindrical, angled body for easy access to internal drop-in disk filter.

All material contact surfaces are built of pristine stainless steel or anodized to prevent corrosion.

03

Choose between standard universal terminal box (UTB) or the optional Easy Loading Control (ELC).

04

- Anodized base
- Protective stand-offs
- Integral discharge pan



Options



Stainless Steel Hopper (JIT)

Mounts directly to a machine throat with a stainless steel hopper (JIT). Three sizes are available: 10 lb hopper for the AR-2 model, 20 lb hopper for the AR-5 model and a 40 lb hopper for the AR-5 and AR-10 models. An air tight seal is not required at the base of the Access Receiver due to the included isolator valve. A simple grate magnet may also be included in the stainless steel base to catch tramp metal. Remote demand sensor brackets are included with 20 and 40 lb JIT hoppers.



Glass Hopper

Mounts directly to a machine throat with a direct feed glass hopper. Three sizes are available for the AR-2 model receiver only. An air tight seal is not required at the base of the Access Loader due to the included isolator valve. Quick disconnect clamps allow easy receiver removal for thorough cleaning. A simple grate magnet is available as an option and may be installed in the stainless steel base to catch tramp metal. Remote demand sensor brackets are included.

Gravity Discharge Valve

The gravity discharge valve uses a non contact, magnetic reed switch to signal loader demand. Stand-offs provide a rugged guard to prevent discharge valve damage. The large opening eliminates material bridging.

Remote Demand Sensor

To trigger the operation of the loader (demand) from a location other than directly below the loader, a remote demand sensor may be used. The remote demand sensor is useful on oversized drying hoppers to sense material through a sight glass. Extension cables are available.

Ratio Valve

A dual inlet, single outlet material valve that is mounted directly to the Access Loader allows the loading of a second material to be layered along with virgin material. Ratio Valve field retrofit kits are available.

High-wear Kit

Stainless steel deflector plate is added to the inside of the loader's body to reduce wear from highly abrasive materials, such as glass-filled compounds.

Volume Fill Sensor

Provides automatic shut-off of the loader's vacuum sequence when the loader is full.

Left-side Material Inlet

Rotates the position of the loader's material inlet 180°.

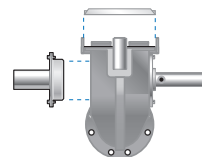
High-temperature Kit

Replaces standard cylinders with high temperature cylinders.

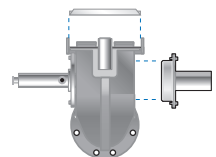
Common Line Valve

Mounted directly to the material inlet, the common line valve isolates the receiver from a common material conveying line in a system. This option features reversible material valve entry and a removable top lid for easy access to the material valve. Field retrofit kits are available.

Common Line Valve
Left-side Entry



Common Line Valve
Right-side Entry

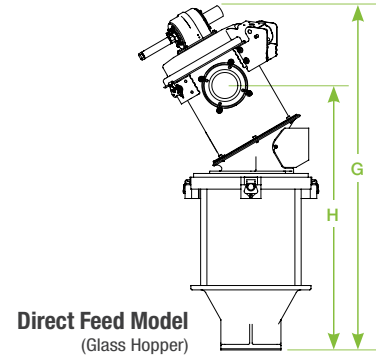
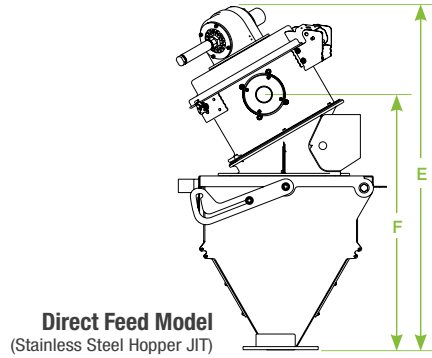
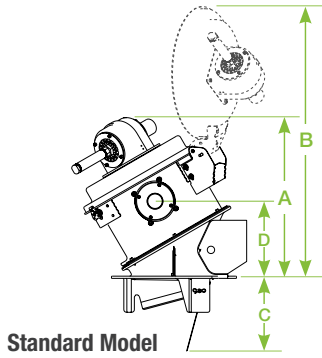


Individual alarm kit

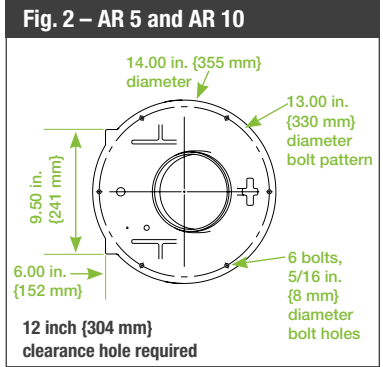
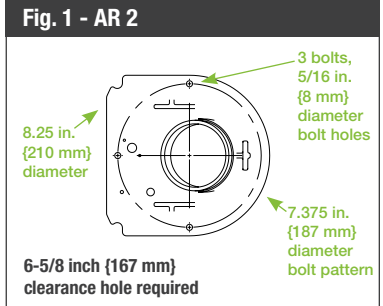
An individual alarm kit can be used to monitor and alarm for individual receivers.



Specifications

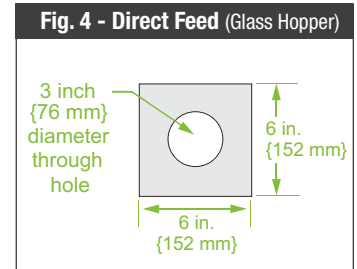
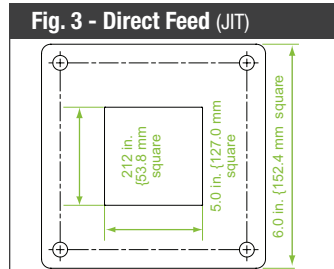


Model	AR 2	AR 5	AL 10
Performance characteristics			
Receiver volume ft ³ {liters}	0.2 {6}	0.5 {14}	1.0 {28}
Loader body diameter inches {mm}	8.0 {203}	12.0 {304}	
Material/vacuum line inches {mm}	1.5 - 3.0 {38.0 - 51.0}		
Receiver maximum temperature rating °F {°C}	180 {82}		
with high-heat option °F {°C}	350 {177}		
Filter type	20 mesh stainless steel disc		
Available voltages (outputs)	120 VAC, 24 VAC and 24 VDC		
Discharge type	Gravity flapper		
Demand sensor	Integrated reed switch/Remote capacitive sensor (optional)		
Compressed air requirements	Intermittent duty: 1ft ³ /min. @ 80 psi {28.3 liters/min. @ 5.51 bars} NPT fitting: 1/4 inch		
Dimensions inches {mm}			
A - Height above mounting plate	18.2 {462}	18.0 {458}	23.8 {603}
B - Height to center of material inlet	26.2 {656}	31.1 {790}	36.7 {932}
C - Depth below mounting plate	5.1 {130}	8.1 {206}	8.1 {206}
D - Clearance hole diameter	8.8 {223}	8.6 {220}	14.3 {364}
Mounting details	See Fig. 1	See Fig. 2	See Fig. 2
Approximate weight lb {kg}			
Installed	21 {10}	40 {18}	44 {20}
Shipping	35 {16}	50 {23}	70 {32}



Direct Feed Model (Stainless Steel Hopper JIT)				
Model	AR 2	AR 5	AR 5	AR 10
Performance characteristics				
Viewing bin model	10 lb	20 lb	40 lb	
Viewing chamber capacity lb {kg}	11.1 {5}	24.3 {11}	41.5 {19}	
Isolator valve	Standard	Standard	Standard	
Dimensions inches {mm}				
E - Height above mounting plate	32.4 {824}	37.4 {950}	40.6 {1030}	46.4 {1178}
F - Height to center of material inlet	22.7 {577}	22.7 {577}	30.8 {782}	36.5 {927}
Mounting details	See Fig. 3			
Approximate weight lb {kg}				
Installed	38 {17}	71 {32}	76 {34}	80 {36}
Shipping	52 {24}	81 {37}	86 {39}	106 {48}

Direct Feed Model (Glass Hopper)			
Model	AR 2		
Performance characteristics			
Viewing chamber model	3 lb	11 lb	21 lb
Viewing chamber capacity lb {kg}	3.0 {1}	11.0 {5}	21.0 {10}
Isolator valve	Standard	Standard	Standard
Dimensions inches {mm}			
G - Height above mounting plate	30.5 {775}	36.2 {920}	47.8 {1213}
H - Height to center of material inlet	20.8 {527}	26.4 {672}	38.0 {965}
Mounting details	See Fig. 4		
Approximate weight lb {kg}			
Installed	36 {16}	42 {19}	53 {24}
Shipping	65 {23}	56 {25}	67 {30}



Specification Notes

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

