

Side Entry (SEntry) Pulse Jet Filter

- Suited for applications where confined space entry or sanitation is critical
- Side access to filter media and tool-free removal speeds maintenance
- Can be used as a dust collector, or as a primary receiver in pneumatic conveying applications
- Compressed air pulses the cartridge dislodging accumulated dust



Application

The SEntry is a versatile cartridge filter ideally suited for pressure and vacuum applications requiring low headroom. Designed to handle low air volume and high pressure, the SEntry can be used in a wide range of process applications in the food, chemical, petrochem and pharmaceutical industries.

The SEntry can be used as a dust collector, or as a primary receiver in pneumatic conveying applications under heavy grain loading, including rail unloading. Vertical explosion venting makes this collector safer to maintain and ideal for applications within a plant where there is no access to an exterior wall to vent through.

Equipment

Side entry, coupled with tool-free cartridge removal, provide easy access for quick maintenance and cartridge change from the outside. Since the filter elements are removed horizontally from the clean air plenum via a hinged access door, there is no reason to access the dirty side of the filter, which eliminates many safety issues.

The sanitary envelope-styled cartridge design minimizes product retention on the cartridge. Wide pleat arrangement allows for high air-to-cloth ratios.

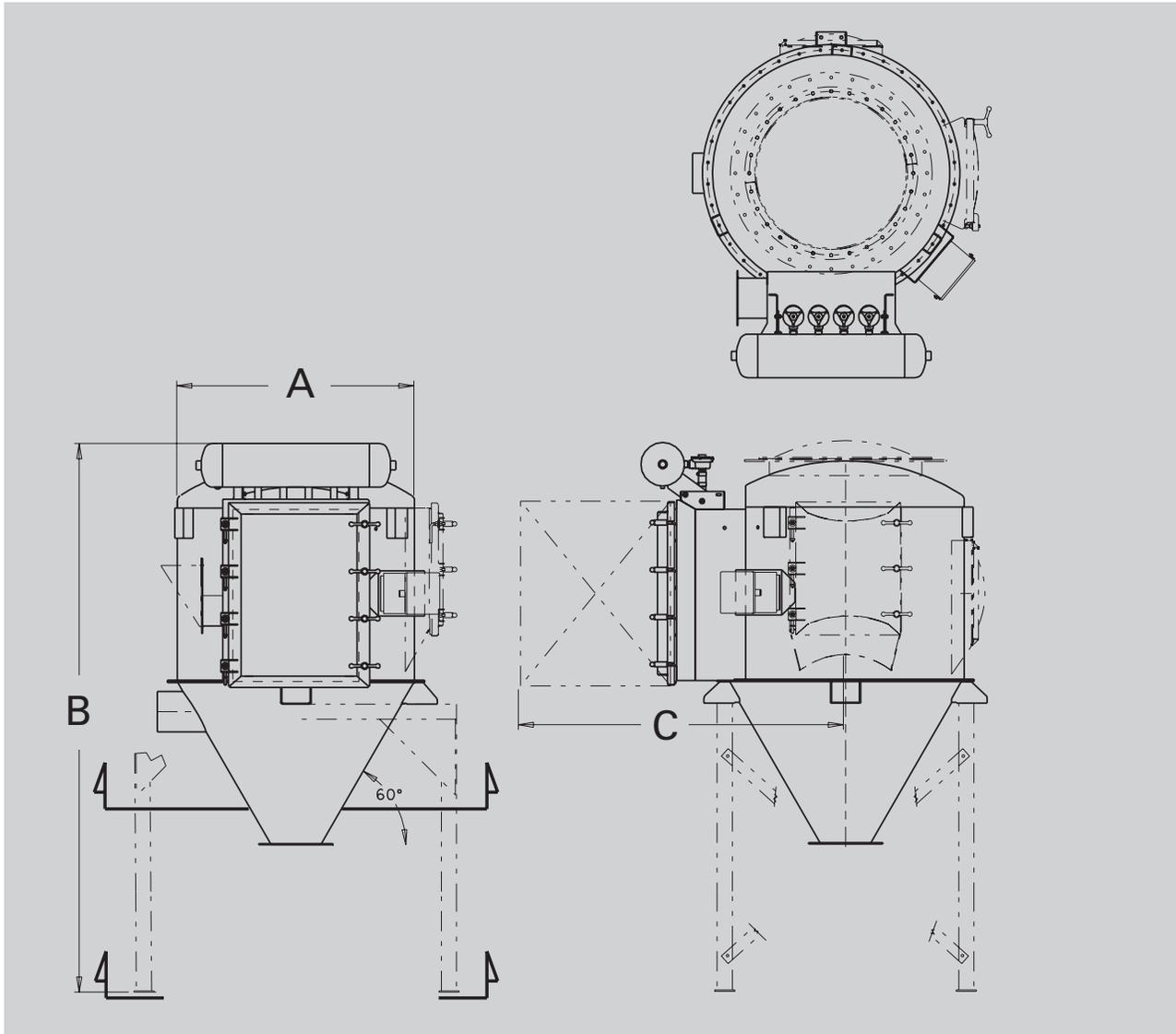
An air pulse cleaning system cleans the cartridges and dislodges filtered product so that it drops into the hopper. A system of compressed air manifolds is mounted above the bank of cartridges. A pulse of compressed air is periodically directed through the cartridge. The pulse flexes the cartridge, causing accumulated dust to be dislodged and fall to the hopper below.

The cleaning pulse can be controlled by an optional photohelic differential pressure gauge which responds to pressure differences across the filter. When controlled by the gauge, cleaning occurs only when needed, decreasing air consumption and increasing cartridge life by avoiding unnecessary pulsing.

Standard Specifications

- Unit stressed for 17" W.C. and 175 °F standard temperature
- Carbon or stainless steel construction
- Round unit designed for 17" W.C.
- Square unit designed for 20" W.C.
- Top or side inlet options

Side Entry (SEntry) Pulse Jet Filter Dimensions



Model	Cloth Area (sq. ft.)	Dimensions (inches)		
		A	B	C
4	200	47	108-11/16	64-16/32
5	250	54	114-7/8	69-15/16
6	300	60	121-7/16	76-7/8
8	400	47	144-5/16	64-13/32
10	500	54	150-1/2	69-15/16
12	600	60	157-1/16	76-7/8