Baghouse Filter Fit and Component Measurement Checklist

Use this printable worksheet to organize field evidence for replacement review. It does not confirm fit or application suitability. Follow the collector manual, site isolation procedures, and safe access requirements. Record where every measurement starts and ends, and mark copied, measured, assumed, damaged, or unknown data.

Before measuring	Safely isolate the equipment. Do not reach into moving or energized equipment. Use an undamaged component or approved drawing when damage changes the original shape.

1. Project and component identification

Company / site	_____
Contact / date	_____
Collector manufacturer / model	_____
Collector serial or asset ID	_____
Current part number or label	_____
Quantity needed / installed quantity	_____
Measurement units	[ ] in [ ] mm Other: _____

2. Component type and installed relationship

[ ] Filter bag	[ ] Filter cage
[ ] Cartridge	[ ] Pleated element
[ ] Venturi / cage-top part	[ ] Other accessory
[ ] Top-load arrangement	[ ] Bottom-load arrangement

Describe the installed orientation, access direction, mating parts, and where the component seats or seals:

Installed relationship	_____ _____ _____

3. Evidence package

[ ] Overall component photo	[ ] Installed-orientation photo
[ ] Top / end-cap detail	[ ] Bottom / end-cap detail
[ ] Seal / gasket / snap-band detail	[ ] Joint / support / hardware detail
[ ] Label or part-number photo	[ ] Damage and surrounding-part photos
[ ] Dimensioned sketch	[ ] Collector nameplate photo

Filter bag measurement record

Record the measurement endpoint for every value. Use photographs or a sketch to show top, bottom, seam, joint, venturi, and mating relationships. Do not copy a damaged dimension as the intended form.

4. Filter bag

Overall length	Value: _____ From / to: _____
Diameter / circumference / laid-flat width	Value: _____ Method: _____
Top style	[ ] snap band [ ] raw [ ] ring [ ] flange [ ] other: _____
Top dimensions and seal details	_____ _____
Bottom style	[ ] disc [ ] cuff [ ] loop [ ] cap [ ] other: _____
Bottom dimensions and reinforcement	_____ _____
Seam / construction	_____
Media / finish if supported by records	_____
Condition / observed damage	_____ _____

5. Filter cage

Outside diameter	Value: _____ Measurement location: _____
Overall length	Value: _____ From / to: _____
One-piece or split	[ ] one-piece [ ] split Section lengths: _____
Joint style and dimensions	_____
Vertical wires	Count: _____ Wire diameter: _____
Support rings	Count: _____ Spacing / pattern: _____
Top style and dimensions	_____ _____
Bottom style and dimensions	_____ _____
Venturi present	[ ] yes [ ] no [ ] unknown Details: _____
Material / coating if supported	_____
Condition	[ ] straight [ ] bent [ ] corrosion [ ] rough weld / wire Notes: _____

Cartridge, pleated element, and venturi measurement record

Similar overall dimensions do not establish interchangeability. Record mounting, seals, supports, cleaning direction, and process context together with the dimensional evidence.

6. Cartridge or pleated element

Overall length	Value: _____ From / to: _____
Outside / inside diameter	OD: _____ ID: _____
Top / first end style	_____
Bottom / second end style	_____
Gasket / seal location and profile	_____ _____
Mounting holes / studs / hardware	_____
Support structure / installed orientation	_____
Current media if supported	_____
Condition / observed damage	_____

7. Venturi or cage-top part

Installed position / mating cage top	_____
Overall height and diameters	_____
Throat / opening and flange details	_____
Material if supported / condition	_____

8. Operating and purchasing context

Dust / process	_____
Normal and upset conditions	_____
Temperature / moisture / chemistry evidence	_____
Cleaning method and observed behavior	_____
Current problem or retrofit objective	_____
Quantity / packaging / labeling needs	_____

9. Final review before sending

[ ] Units are shown	[ ] Measurement endpoints are shown
[ ] Unknowns and assumptions are marked	[ ] Top and bottom details are photographed
[ ] Mating components are documented	[ ] Part numbers and labels are legible
[ ] Damage is separated from intended geometry	[ ] Operating conditions are included

Send the completed checklist with photos, drawings, labels, part numbers, and an old sample when geometry remains uncertain. Final fit and application review require the actual collector, components, media, cleaning method, and operating conditions.