

EQUIPMENT SELECTION DATA SHEET - INTERNATIONAL

Please provide accurate data since equipment selection and performance guarantee will be based on the information provided on this data sheet. Contact an FKL engineer if assistance is needed.

Customer _____
 Address _____
 City _____ State/Province _____
 Zip _____ Country _____
 Phone: _____ Fax: _____
 Email: _____
 Contact Name: _____ Title: _____

Process Description (attach sketch if necessary)

Contaminants to be Removed: Particulate () Gases () Liquid ()
 Other () _____

Collector Type: Cyclone () Scrubber () Baghouse () Quench ()
 Venturi () Packed Tower ()

Materials of Construction _____

Location: Indoors () Outdoors ()

Please specify wind and seismic loadings _____

Allowable Pressure Drop _____ in H₂O, mm H₂O, kPa

Available Utilities: Electric _____

Compressed Air _____ Water _____

Size or Weight Restrictions _____

Gas Conditions At Collector Inlet

Gas Flow, ACFM (), SCFM (), Am ³ /hr () or Nm ³ /hr ()	Minimum	Normal	Maximum
Temperature, °C () or °F ()			
Pressure, PSIA (), PSIG (), kg/cm ² a (), or kg/cm ² g ()			
Gas Density, lb/ft ³ () or kg/m ³ ()			
Gas Viscosity, cP () or lb/ft-sec ()			

Please attach complete gas composition on separate sheet

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Particulate To Be Removed (If Applicable)

Particulate Description _____

Particulate Loading _____ lb/hr, kg/hr

Specific Gravity: _____

Bulk Density: _____ lb/ft³, kg/m³

Corrosive? _____ Abrasive? _____ Sticky? _____

Explosive? _____ Toxic? _____

Particle Size Distribution (please attach or provide representative sample) _____

Particle Size Method _____

Collection Efficiency Required _____

Gases To Be Removed (If Applicable)

Description _____

Loading (Normal and Maximum) _____ lb/hr, kg/hr, ppm

Collection Efficiency Required for Each _____

Options

Design Code: ASME () GB () PED ()

Other () _____

Stamp Required? Yes () No ()

Abrasion resistant lining: Alumina Tile () Refractory () Vulcanized

Rubber () Other () _____

Internal Surface Finish _____

Insulation (Type, Thickness, Cladding) _____

Manways: Size/Location _____

Access Steel: Yes () No ()

Auxiliaries

Rotary Airlock Valve: Material of Construction _____

Preferred Mfg _____

Pumps: Material of Construction _____

Preferred Mfg _____ Standby? _____

Recycle piping and valves: Material of Construction _____

Preferred Mfg _____

Instruments: Flow () Pressure () Temperature () Level ()

Preferred Mfg _____

System Fan: Preferred Mfg _____

External static pressure (without collector): _____ mm H₂O

Stack: Material of Construction _____

Height Required (above grade) _____

Control Panel: Electrical Rating _____

Include Motor Starters? _____



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