

COUNTERCURRENT SCRUBBER PILOT EQUIPMENT

SUPPLIED BY CEILCOTE AIR POLLUTION CONTROL

The countercurrent pilot system will accept a process slipstream of 200 to 300 ACFM for the 12" scrubber and up to 3000 ACFM for the 30" scrubber. The 12" scrubber can consist of up to three (3) countercurrent scrubbers in series, each complete with the necessary Tellerette® tower packing, recirculation pump, interconnecting piping, chemical solution storage tank, flowmeter and tubing. Ductwork connecting the scrubbers is provided when more than one (1) scrubber is rented. Each tower will be similar in arrangement to that shown on Drawing B-SK-193. All components, including the fan, are designed to be mounted on a common platform.

All motors are prewired complete with shutoff switches and standard 3 prong plugs for 110 volt service.

SUPPLIED BY CUSTOMER

Electrical: One (1) outlet at 110 volts for fan (16 amps)
Three (3) outlets at 110 volts for recycle pumps (5.2 amps each)

Drain/Overflow: One (1) line per scrubber (1" NPT connection)

Makeup Water/Chemicals: As required to fill 15 gallon reservoir per scrubber.

INSTALLATION

Customer is responsible for the installation of the equipment. Typically, all components are shipped crated on the mounting platform and will need to be unpackaged. Scrubbers have to be filled with Tellerette® packing and assembled (bolts and gaskets are furnished). The platform has to be set in place and all components attached either by bolts or flex connectors. Approximately eight (8) man-hours [two (2) men for four (4) hours each] are required to assemble and start up the complete system.

EQUIPMENT RENTAL

Single stage 12" diameter countercurrent scrubber	\$575.00/week
Two (2) stage 12" diameter countercurrent scrubber	\$675.00/week
Three (3) stage 12" diameter countercurrent scrubber	\$750.00/week
Single stage 30" diameter countercurrent scrubber	\$825.00/week

FREIGHT:

Customer responsible for all shipping charges, to and from job site. All insurances or liability is customer's responsibility. Any taxes, duties, or other shipping charges to customer's account.

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

TERMS AND CONDITIONS

CUSTOMER LIABILITY

The customer will also be liable and responsible for the safety of all personnel operating or performing other work functions or duties connected with the pilot system. Safety precautions supplied by Ceilcote Air Pollution Control must be strictly adhered to. Because of the nature of the experimental pilot test equipment, this equipment inherently presents a greater potential hazard to personnel than does a commercial installation.

EQUIPMENT TESTING

It is preferred that the customer supply the necessary personnel and equipment for air sampling or contract for same.

Ceilcote Air Pollution Control can supply an air sampling test team or recommend a third party testing company. A contract to cover the testing will be negotiated separately.

FREIGHT

The customer will be responsible for all freight charges on rental equipment to and from the jobsite.

OTHER CHARGES

Return shipping and insurance and/or liability is the customer's responsibility. Any taxes, duties, or other charges necessitated by the shipping of this equipment will be the customer's responsibility.

Loading and unloading to customer's account.