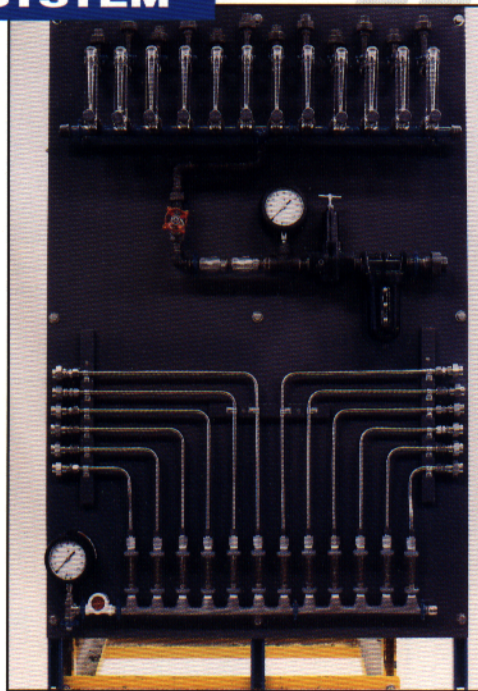
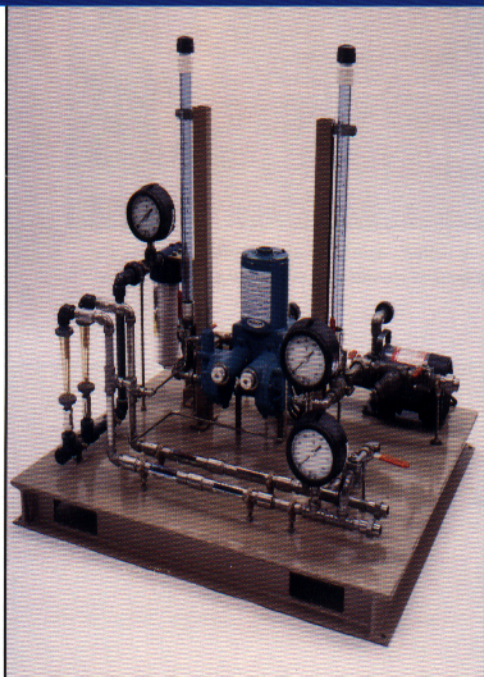


PARTICULATE CONTROL

FLUE GAS
CONDITIONING
SYSTEM

**Low-cost way
to enhance
precipitator
performance
with patented
technology—
only from
Wheelabrator**

COMBUSTROL® FACT SYSTEM

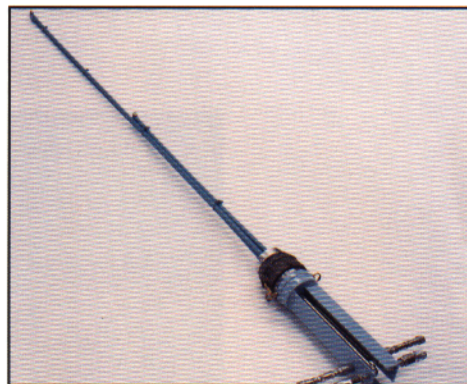


Compact, easy-to-install system includes COMBUSTROL® FACT feed skid unit (left) that dilutes and pumps conditioner to the air/liquid panel (right) for precisely measured distribution to injection lances.

Industry Applications

Coal-Fired Boilers for:

- Utility Plants
- Industrial Plants
- Municipal Plants
- Independent Power Producers



Double-nozzle feed lances inject atomized conditioner directly into the flue gas stream.

Features

- Low capital cost
- Low operation and maintenance costs
- Effective on Eastern or Western coal
- Non-hazardous, non-corrosive
- Low energy consumption
- Compact design
- Easy installation

Now you can reduce opacity and particulate emissions—even for boiler systems that use low-sulfur coal—by improving electrostatic precipitator performance with the COMBUSTROL® FACT flue gas conditioning system.

In many cases, improving poorly or marginally operating precipitators also will enable you to increase steam and electrical generation outputs.

Effective, efficient “as needed” control.

This system has been proven effective on Eastern or Western coal, during temperature excursions and with high levels of unburned carbon.

Compared to typical sulfur burner flue gas conditioning systems, COMBUSTROL® FACT systems can deliver substantial cost savings, due to:

- Low capital cost
- The ability to use this system only as needed

Exclusive, patented technology.

Thanks to an exclusive worldwide licensing agreement with Calgon Corporation, only Wheelabrator brings you this patented technology.

Flexible, safe and cost-effective flue gas conditioning, backed by Wheelabrator.

Proven in industrial as well as utility operations using coal-fired boilers, the compact COMBUSTROL® FACT system installs easily for duct injection between the air heater and precipitator and requires minimal space.

It reduces opacity and particulate emissions by modifying flash resistivity and cohesivity when conditioner is added to the flue gas stream.

Non-hazardous conditioner.

This system's conditioner is a water-based, non-hazardous and non-corrosive solution of conductive polymers and inorganic salts. There are no special handling, transportation or storage problems. No special reporting is required. Employee safety is maximized and maintenance is minimized.

A system consists of three components: the feed skid, air/liquid panels and injection feed lances. The conditioner is diluted in-line by the feed system, atomized and injected as a mist directly into the flue gas stream.

Savings from day one.

In addition to its low initial cost, you can operate the COMBUSTROL® FACT system as needed.

Operation also requires little energy, and system components need little maintenance.

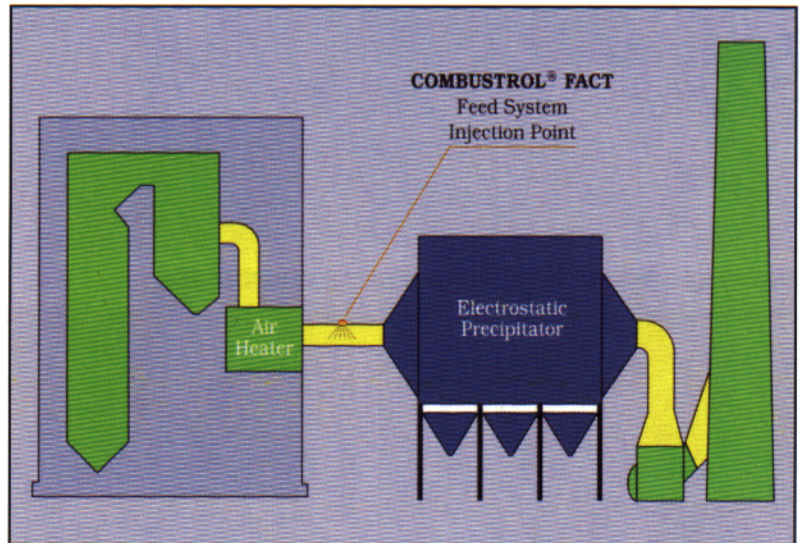
Compared to much costlier, continually operating sulfur burner systems, daily savings with a COMBUSTROL® FACT system can add up fast.

Total savings also depend on such factors as whether the unit is base-loaded or peaking, or if its load is limited by precipitator emissions.

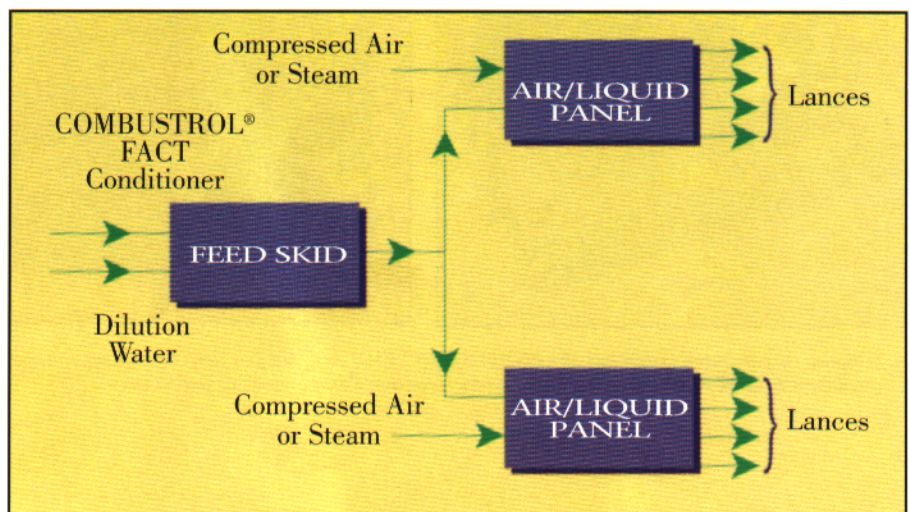
Support you can count on.

As with all Wheelabrator products, the COMBUSTROL® FACT system comes complete with ongoing technical support from Wheelabrator's experienced staff.

See for yourself. Contact us now for a low-cost demonstration.



Compact COMBUSTROL® FACT feed system installs neatly, easily anywhere between the air heater and precipitator, and injects an atomized conditioner mist directly into the flue gas stream.



Typical system includes a feed skid, one or two air/liquid panels and multiple feed lances.

Demonstration units

Get a first-hand look at how the COMBUSTROL® FACT system can work for you with one of our demonstration units. We will:

- Provide demonstration equipment and technical support.
- Specify feed and monitoring parameters.
- Monitor and analyze test results.

WHEELABRATOR AIR POLLUTION CONTROL
441 Smithfield Street Phone 412.562.7300
Pittsburgh, PA 15222 Fax 412.562.7617

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