Selective Catalytic Reduction
SCR

Design features:

Reduces flue gas NO_X to N_2 and H_2O using ammonia in contact with an active catalyst surface to produce a chemical reaction — most effective method of reducing NO_X emissions especially where high reduction efficiencies (70 to 90%) are required; integrates into multi-pollutant control with mercury oxidation across catalyst.

Capacity:

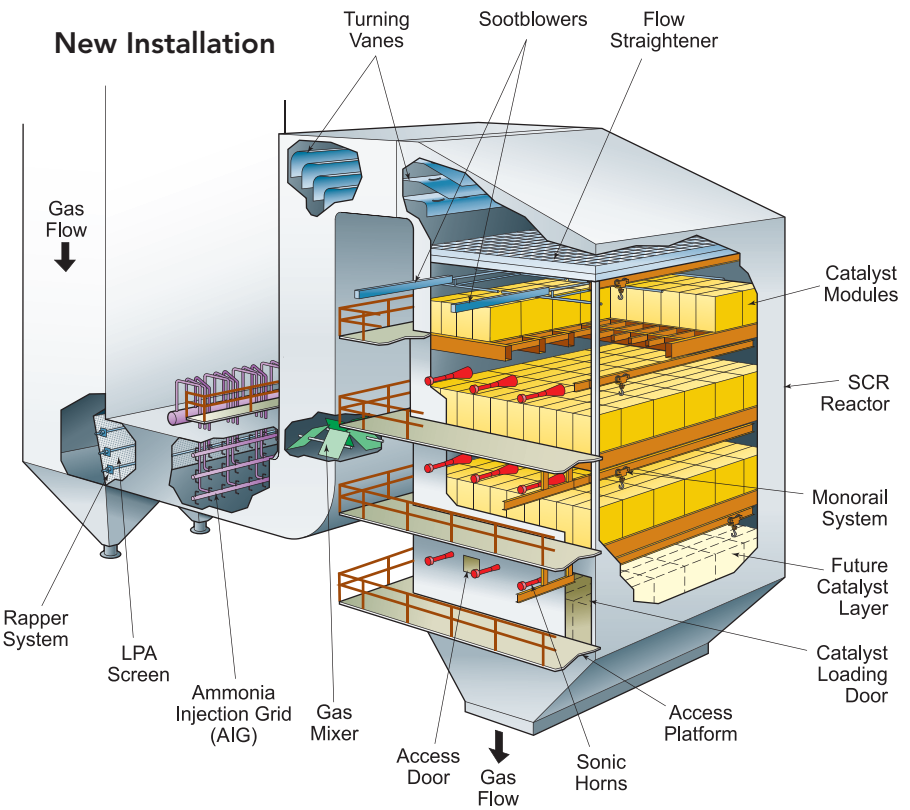
Designed and sized to meet project requirements.

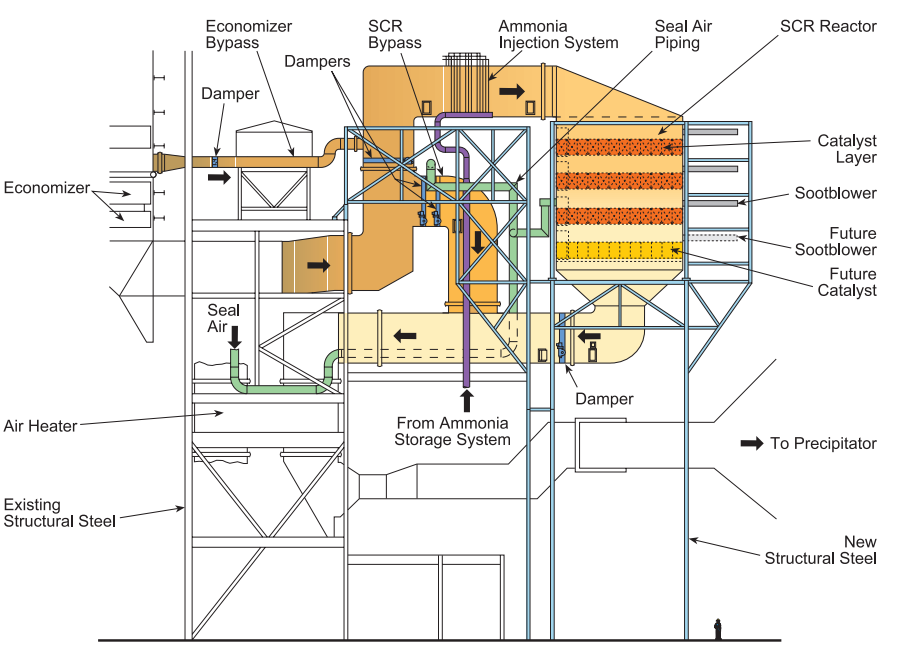
Temperature range:

Coal firing: from 575 to 840F (302 to 449C); natural gas: from 450 to 800F (232 to 427C); optimum performance occurs between 700 and 750F (371 and 399C).

Fuels:

Coal, natural gas, oil, wood, MSW, biomass and others.





Retrofit Installation