



6"x2"x25' HV Flare Stack with Air Assist

Flare Design Highlights



Flare Height:	25'
Flare Riser Diameters	
Main Riser:	2"
Forced Air:	6"
Assist Gas:	1"
Compressed Air	2"
Flare Tip Diameter:	2"
Max Flow Capacity	560,000 scf/hr
Air Blower Capacity:	1,150 scfm
Air Compressor (High Pressure upset activity) capacity:	up to 850 cfm
Pilot:	*25scf/hr each
*assuming propane as fuel	28,950 btu/hr
Exit Velocity at max flow rate:	285 ft/s
Destruction Efficiency Ethylene and Propylene:	99%
Destruction Efficiency Other Products:	98%
Pilot System:	Propane pilot with push button, thermocouple with temperature read out

Environmental Statement:

Clean Combustion's HV-6 Model is designed in compliance with 40 CFR 60.18 and 30 TAC 106.492, and when operated according to Clean Combustion's operating procedures, will achieve the listed destruction efficiencies.