



# 4"x 2"x 2"x 20' BA Flare Stack

## Flare Design Highlights



Flare Height:	20'
Flare Riser Diameters	
Air Riser:	4"
Flare Riser:	2"
Alternate Flare Riser 1	2"
Alternate Flare Riser 2	2"
Max Flow Capacity	350,000 scf/hr
Air Blower capacity:	734 scfm
Pilot flow rate:	*25scf/hr
*assuming propane as fuel	28950 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.